

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062421.D
 Acq On : 8 Jul 2020 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 02:24:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	341121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	308451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155596	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.55	113	110002	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	441854	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.37	95	162164	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	105330	51.764	ug/l	97
3) Chloromethane	2.03	50	162194	49.677	ug/l	100
4) Vinyl Chloride	2.16	62	134839	50.408	ug/l	100
5) Bromomethane	2.52	94	71672	49.889	ug/l	97
6) Chloroethane	2.67	64	79993	51.345	ug/l	97
7) Trichlorofluoromethane	2.98	101	174556	51.381	ug/l	98
8) Diethyl Ether	3.37	74	78586	51.731	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	106622	52.943	ug/l	100
10) Methyl Iodide	3.91	142	139882	52.604	ug/l	99
11) Tert butyl alcohol	4.73	59	118421	232.334	ug/l	98
12) 1,1-Dichloroethene	3.69	96	105846	51.622	ug/l	98
13) Acrolein	3.56	56	82757	225.075	ug/l	99
14) Allyl chloride	4.27	41	244579	50.719	ug/l	99
15) Acrylonitrile	4.93	53	344401	257.636	ug/l	100
16) Acetone	3.77	43	285604	218.935	ug/l	99
17) Carbon Disulfide	4.01	76	319988	49.804	ug/l	98
18) Methyl Acetate	4.27	43	155550	47.781	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	400057	51.462	ug/l	100
20) Methylene Chloride	4.50	84	132846	47.629	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	115515	52.003	ug/l	100
22) Diisopropyl ether	5.90	45	502954	52.791	ug/l	99
23) Vinyl Acetate	5.84	43	2071083	262.420	ug/l	99
24) 1,1-Dichloroethane	5.80	63	254100	51.614	ug/l	100
25) 2-Butanone	6.78	43	462568	242.797	ug/l	99
26) 2,2-Dichloropropane	6.78	77	177968	47.147	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	135987	52.854	ug/l	99
28) Bromochloromethane	7.15	49	126394	47.255	ug/l	100
29) Tetrahydrofuran	7.17	42	321161	250.387	ug/l	100
30) Chloroform	7.33	83	232092	52.213	ug/l	99
31) Cyclohexane	7.61	56	228232	48.902	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	193002	52.198	ug/l	100
36) 1,1-Dichloropropene	7.75	75	178811	52.029	ug/l	99
37) Ethyl Acetate	6.88	43	198110	49.298	ug/l	99
38) Carbon Tetrachloride	7.73	117	162037	52.443	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062421.D
 Acq On : 8 Jul 2020 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 02:24:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	202706	55.247	ug/l	98
40) Benzene	8.00	78	536362	52.954	ug/l	99
41) Methacrylonitrile	7.12	41	87395	52.052	ug/l	97
42) 1,2-Dichloroethane	8.09	62	197754	53.320	ug/l	100
43) Isopropyl Acetate	8.12	43	334117	52.631	ug/l	99
44) Trichloroethene	8.80	130	118644	52.794	ug/l	99
45) 1,2-Dichloropropane	9.08	63	155617	52.924	ug/l	100
46) Dibromomethane	9.18	93	87465	52.711	ug/l	98
47) Bromodichloromethane	9.37	83	187581	52.876	ug/l	100
48) Methyl methacrylate	9.17	41	160847	51.652	ug/l	100
49) 1,4-Dioxane	9.17	88	47234	1042.109	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	989101	260.858	ug/l	100
52) Toluene	10.12	92	316658	54.124	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	213524	53.724	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	232464	53.011	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	122674	53.312	ug/l	97
56) Ethyl methacrylate	10.40	69	210565	49.733	ug/l	99
57) 1,3-Dichloropropane	10.68	76	228977	53.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	350039	256.415	ug/l	99
59) 2-Hexanone	10.72	43	710283	258.033	ug/l	99
60) Dibromochloromethane	10.87	129	133565	53.534	ug/l	100
61) 1,2-Dibromoethane	10.98	107	124251	53.491	ug/l	98
64) Tetrachloroethene	10.60	164	99059	54.120	ug/l	98
65) Chlorobenzene	11.41	112	323890	54.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	120187	54.366	ug/l	99
67) Ethyl Benzene	11.48	91	615790	54.723	ug/l	99
68) m/p-Xylenes	11.60	106	446901	112.186	ug/l	99
69) o-Xylene	11.92	106	212402	54.763	ug/l	99
70) Styrene	11.94	104	371126	57.897	ug/l	99
71) Bromoform	12.10	173	90039	55.559	ug/l #	99
73) Isopropylbenzene	12.22	105	580049	52.526	ug/l	100
74) N-amyl acetate	12.04	43	292452	54.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	188070	50.651	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	245074	69.990	ug/l #	100
77) Bromobenzene	12.50	156	132233	52.671	ug/l	97
78) n-propylbenzene	12.57	91	698587	54.156	ug/l	99
79) 2-Chlorotoluene	12.65	91	409535	52.310	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	492848	54.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	64448	49.264	ug/l	99
82) 4-Chlorotoluene	12.75	91	426100	53.610	ug/l	99
83) tert-Butylbenzene	12.97	119	399856	52.048	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	485703	53.977	ug/l	99
85) sec-Butylbenzene	13.15	105	553815	54.401	ug/l	99
86) p-Isopropyltoluene	13.26	119	483759	55.058	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	236452	54.595	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	234413	52.601	ug/l	99
89) n-Butylbenzene	13.59	91	422958	54.518	ug/l	100
90) Hexachloroethane	13.85	117	90610	52.425	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	224729	53.666	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	34946	51.573	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062421.D
Acq On : 8 Jul 2020 21:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jul 09 02:24:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

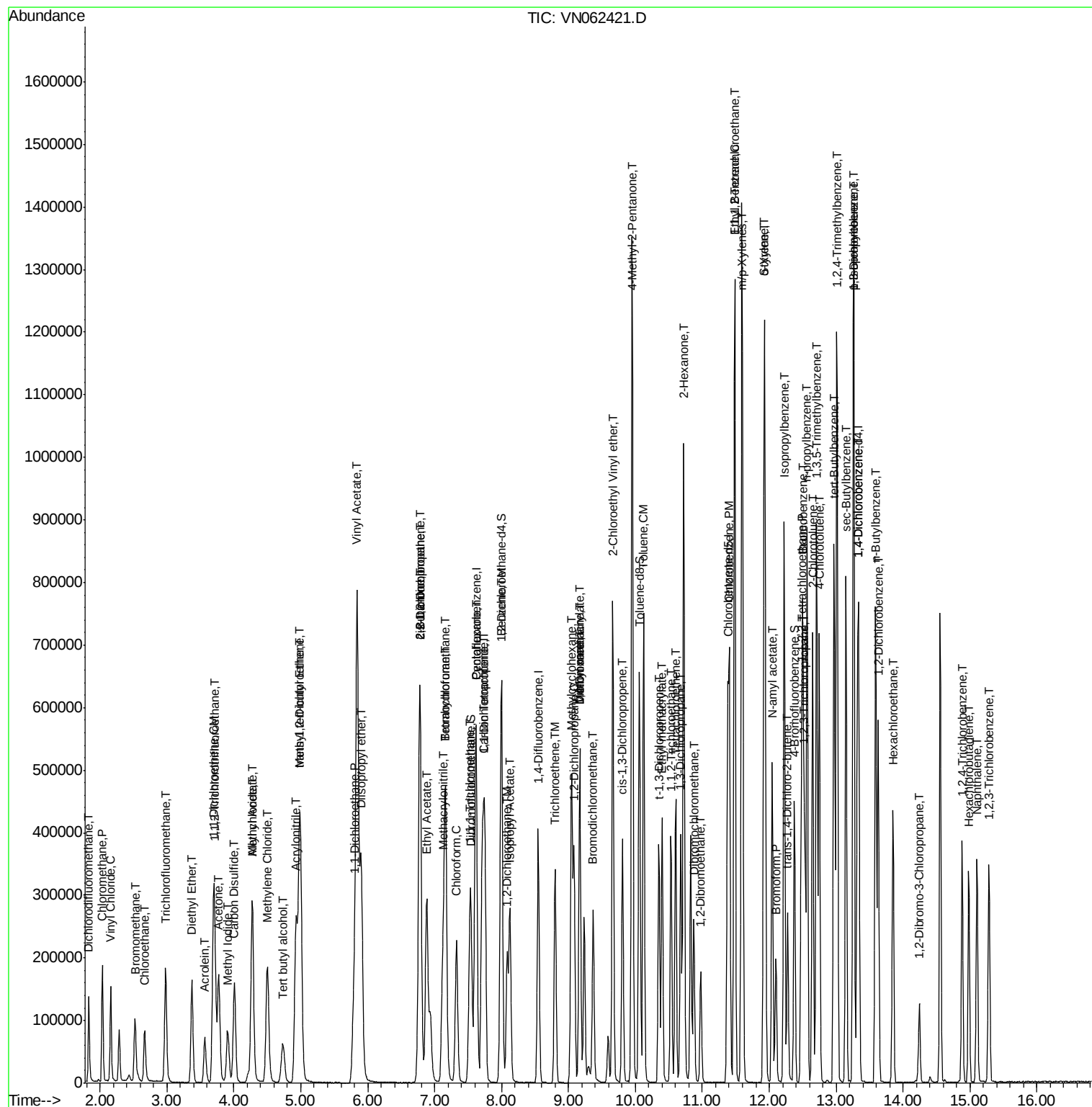
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	113308	56.121	ug/l	98
94) Hexachlorobutadiene	14.98	225	59848	53.828	ug/l	99
95) Naphthalene	15.10	128	287593	52.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	112340	49.834	ug/l	99

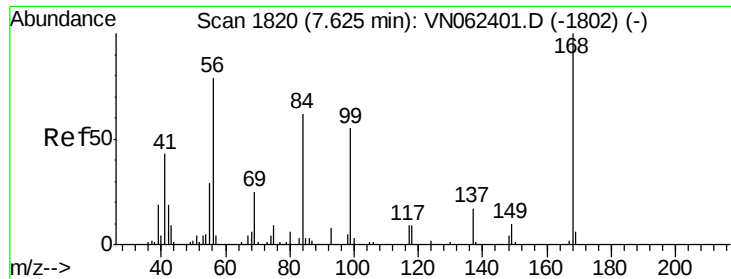
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062421.D
Acq On : 8 Jul 2020 21:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jul 09 02:24:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

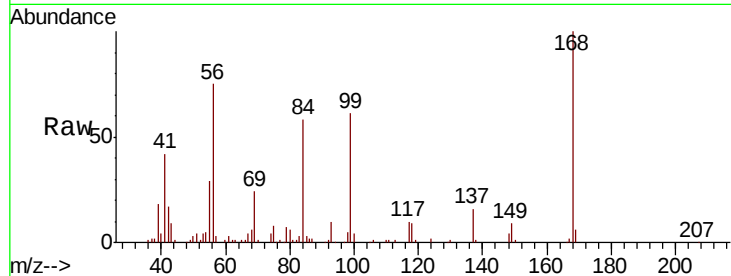
VSTDCCC050

Tot Ion:168 Resp: 199766

Ion Ratio Lower Upper

168 100

99 61.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

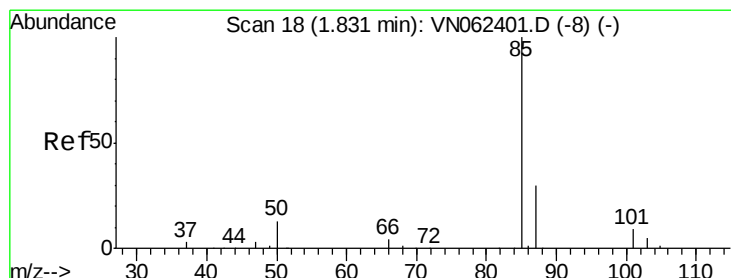
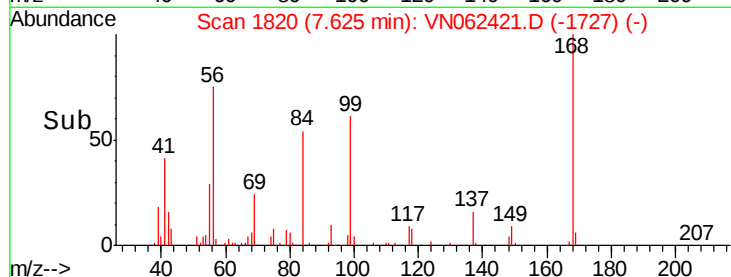
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.764 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062421.D

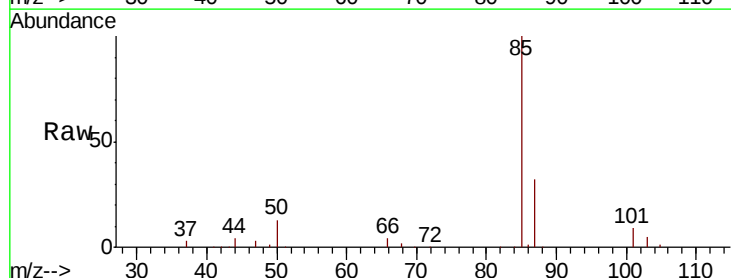
Acq: 8 Jul 2020 21:33

Tgt Ion: 85 Resp: 105330

Ion Ratio Lower Upper

85 100

87 31.9 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

40000

20000

0

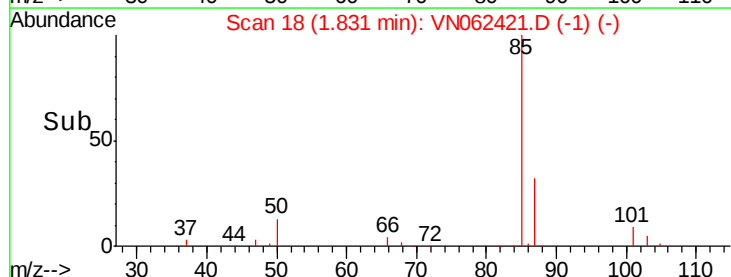
1.75

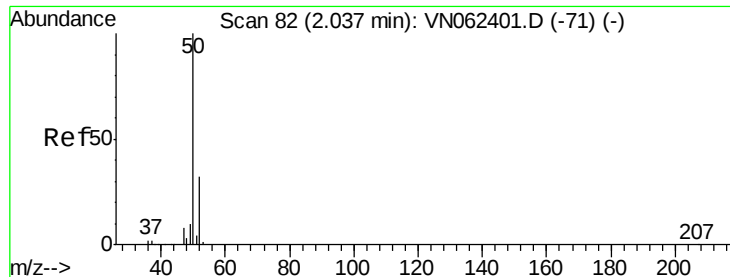
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 49.677 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

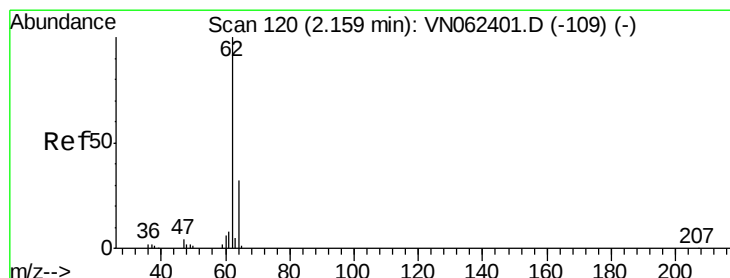
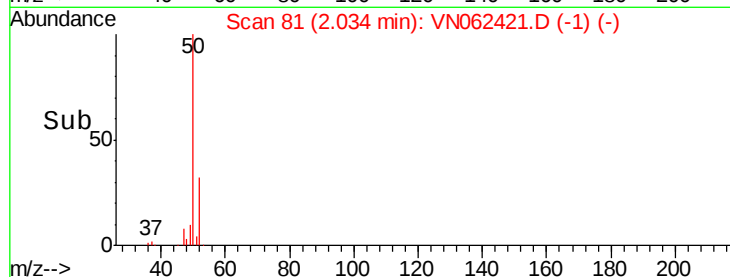
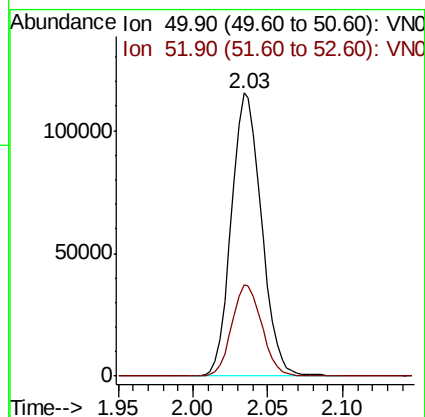
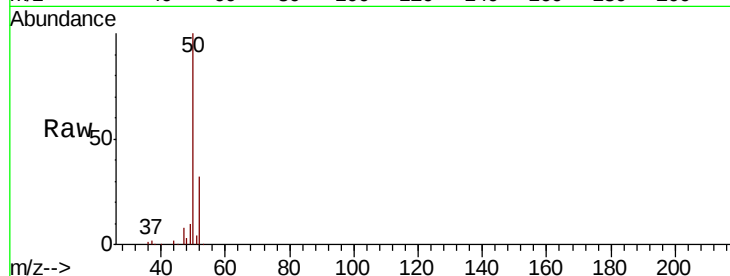
VSTDCCC050

Tot Ion: 50 Resp: 162194

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 50.408 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062421.D

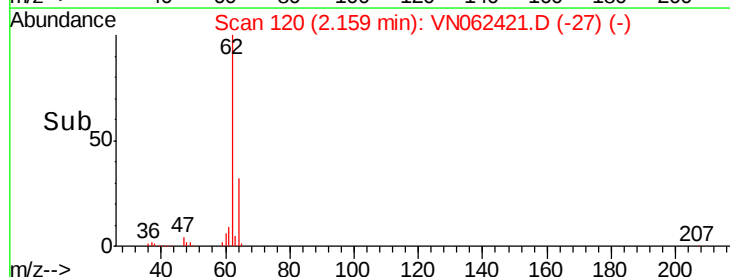
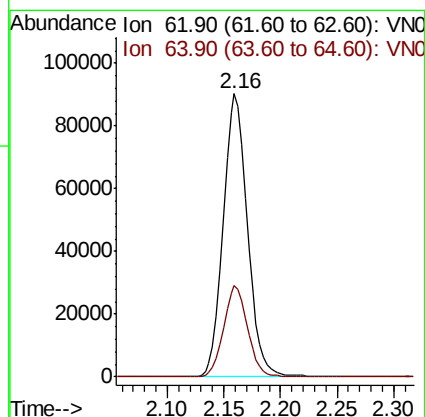
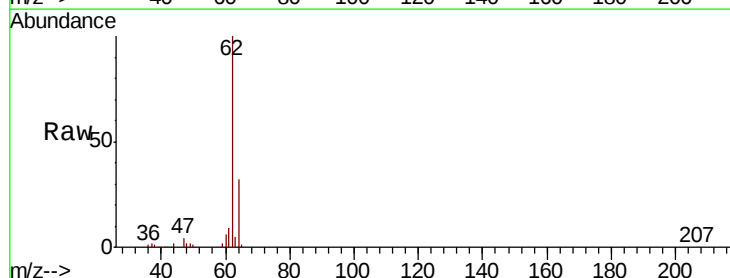
Acq: 8 Jul 2020 21:33

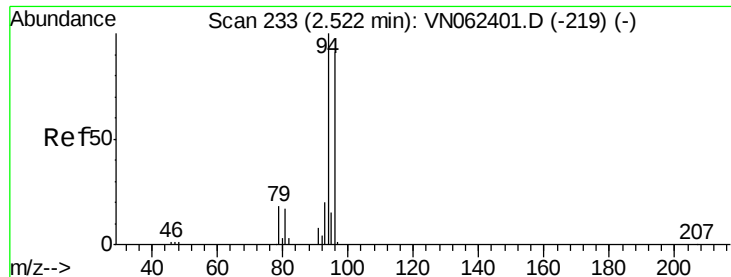
Tgt Ion: 62 Resp: 134839

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 49.889 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

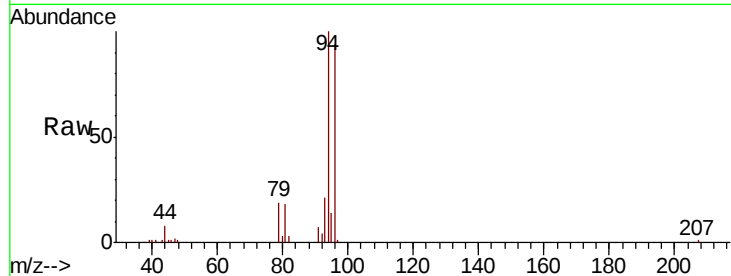
VSTDCCC050

Tot Ion: 94 Resp: 71672

Ion Ratio Lower Upper

94 100

96 93.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN062401.D (-219) (-)

Ion 95.90 (95.60 to 96.60): VN062401.D (-219) (-)

2.52

40000

30000

20000

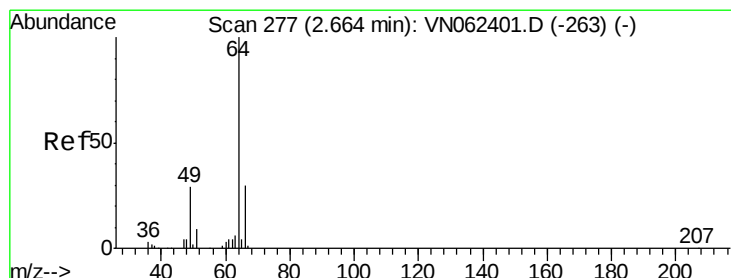
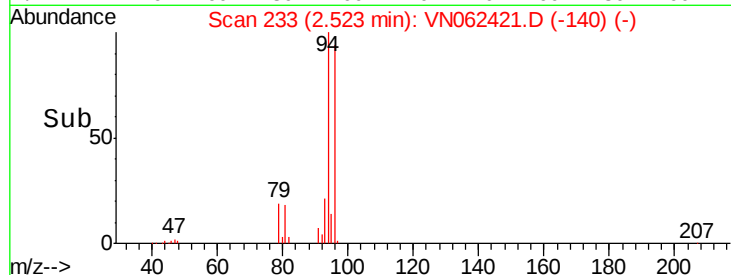
10000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 51.345 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062421.D

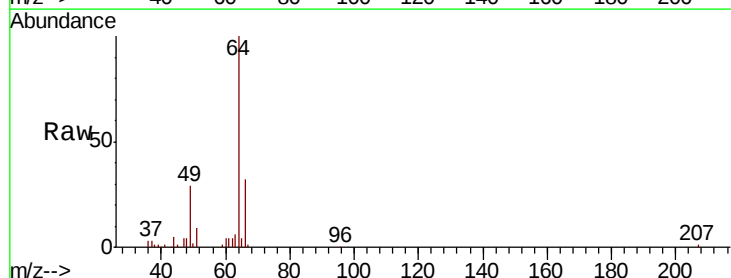
Acq: 8 Jul 2020 21:33

Tgt Ion: 64 Resp: 79993

Ion Ratio Lower Upper

64 100

66 31.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN062401.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN062401.D (-263) (-)

2.67

40000

30000

20000

10000

0

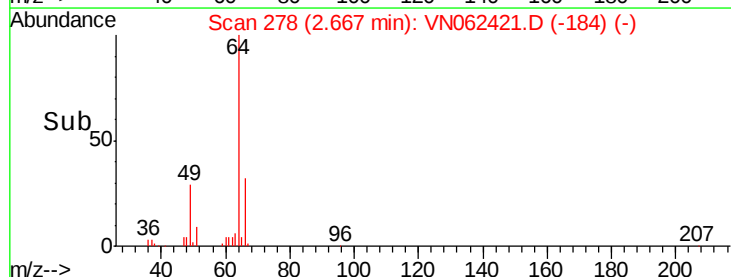
Time-->

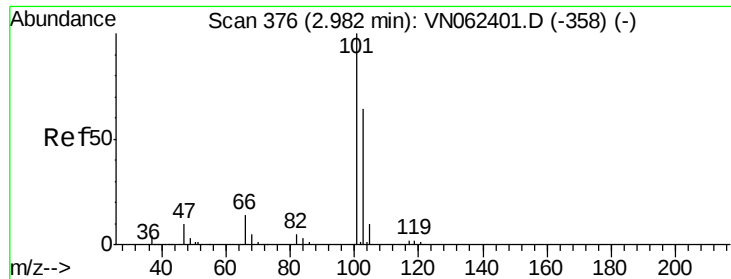
2.60

2.65

2.70

2.75



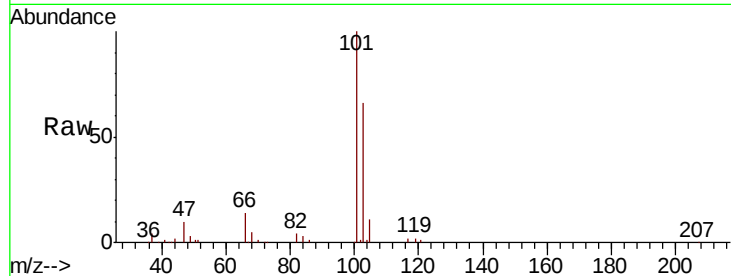


#7

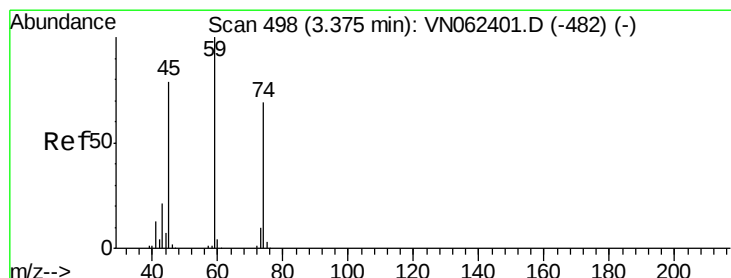
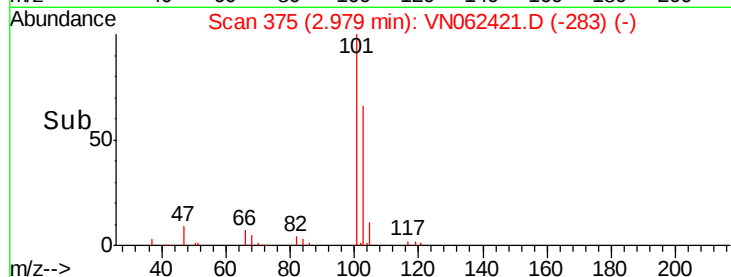
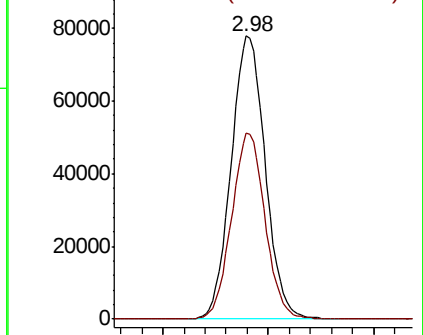
Trichlorofluoromethane
 Concen: 51.381 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 174556
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.6 77.4



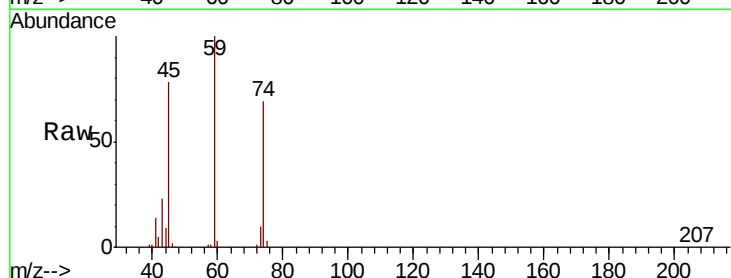
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



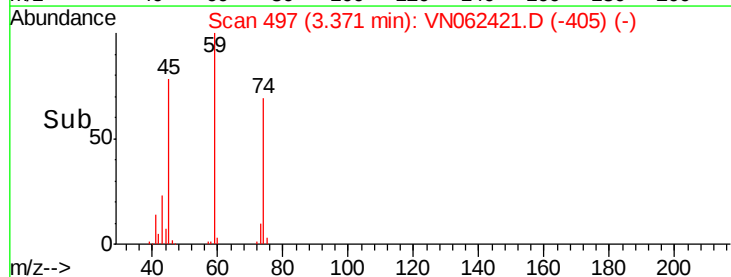
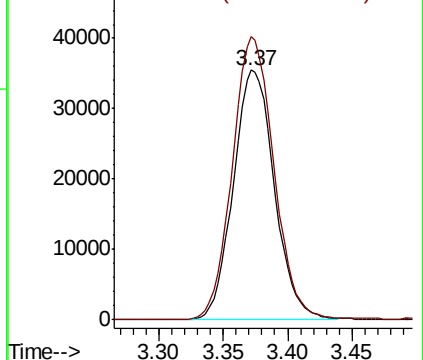
#8

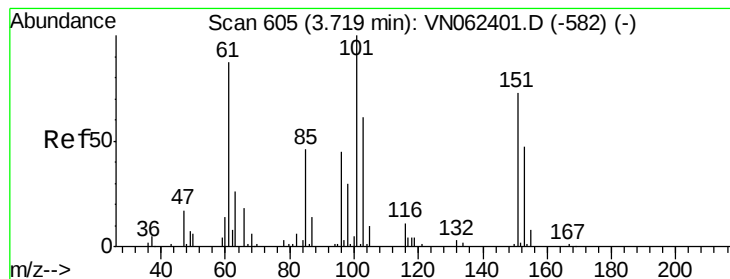
Diethyl Ether
 Concen: 51.731 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 74 Resp: 78586
 Ion Ratio Lower Upper
 74 100
 45 114.9 58.5 175.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.943 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

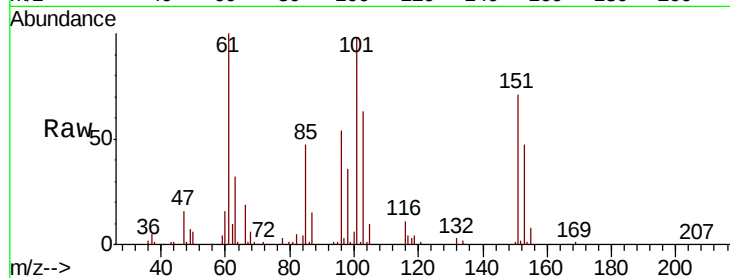
Tot Ion:101 Resp: 106622

Ion Ratio Lower Upper

101 100

85 46.2 36.7 55.1

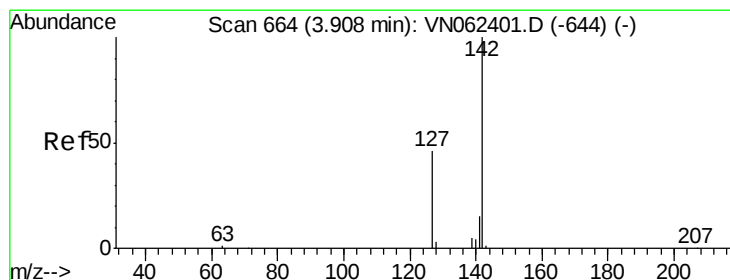
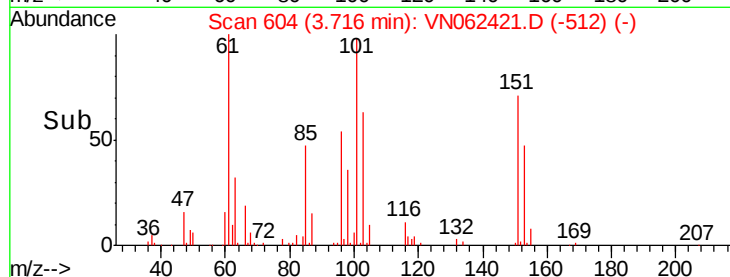
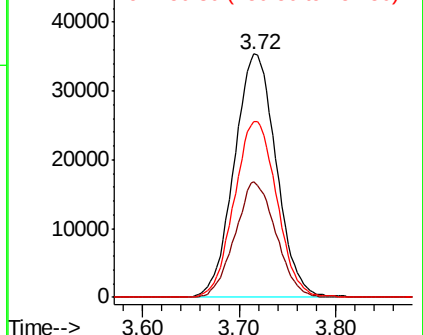
151 73.1 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.604 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

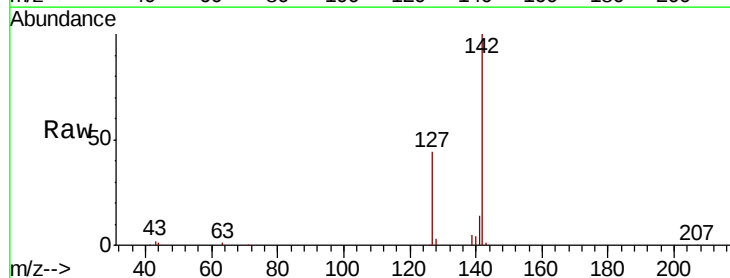
Tgt Ion:142 Resp: 139882

Ion Ratio Lower Upper

142 100

127 44.3 36.1 54.1

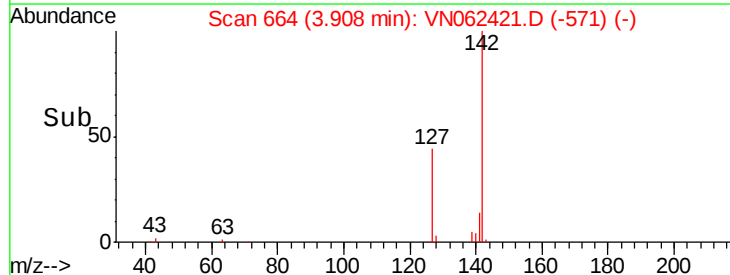
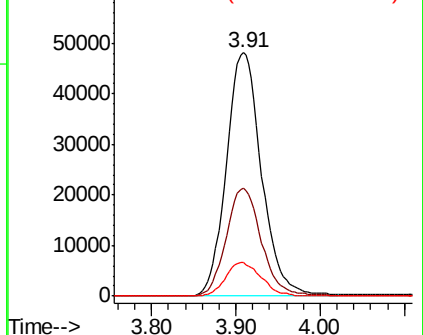
141 14.1 11.4 17.0

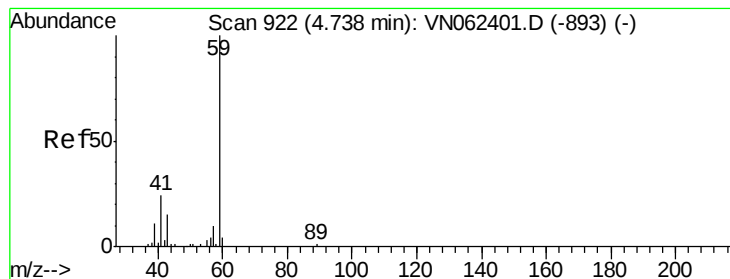


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



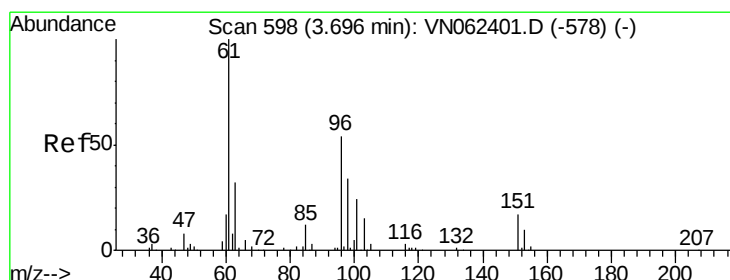
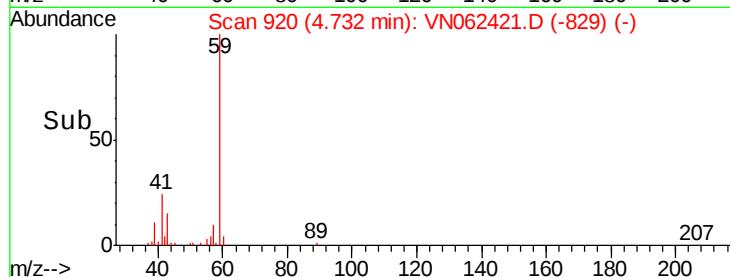
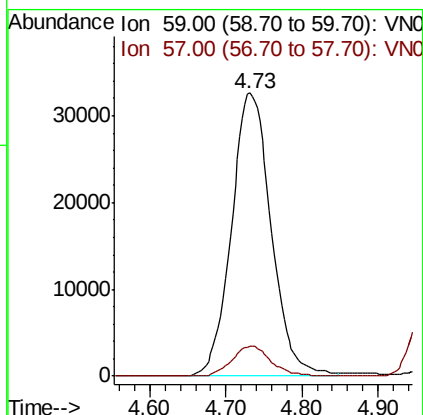
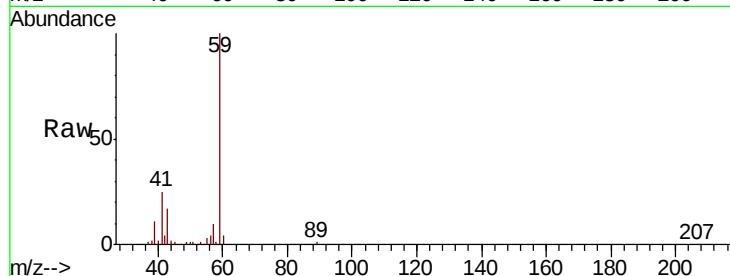


#11

Tert butyl alcohol
 Concen: 232.334 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

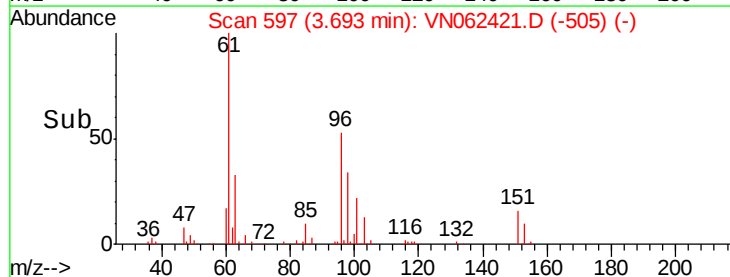
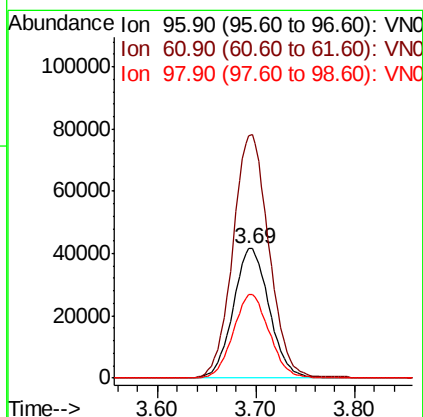
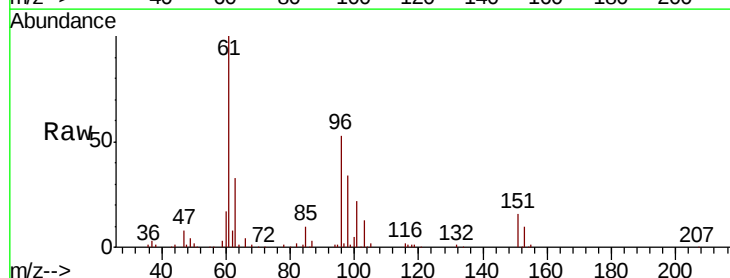
Tot Ion: 59 Resp: 118421
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.8 11.6

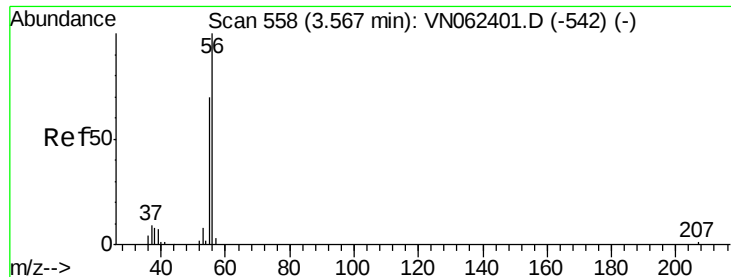


#12

1,1-Dichloroethene
 Concen: 51.622 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 96 Resp: 105846
 Ion Ratio Lower Upper
 96 100
 61 187.3 147.4 221.0
 98 64.3 50.4 75.6





#13

Acrolein

Concen: 225.075 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

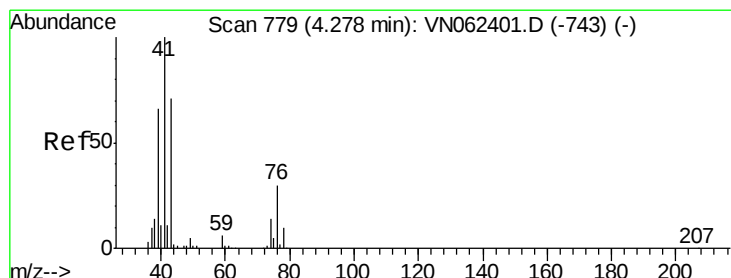
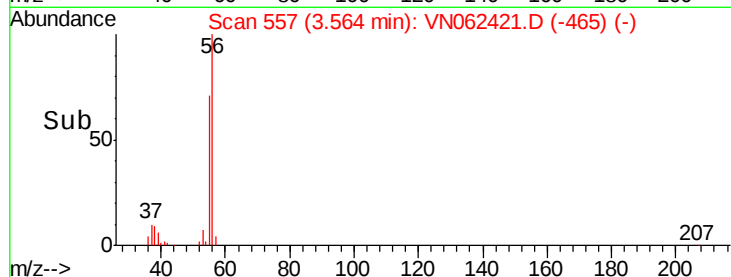
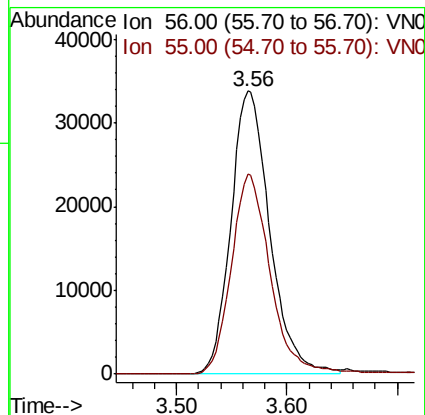
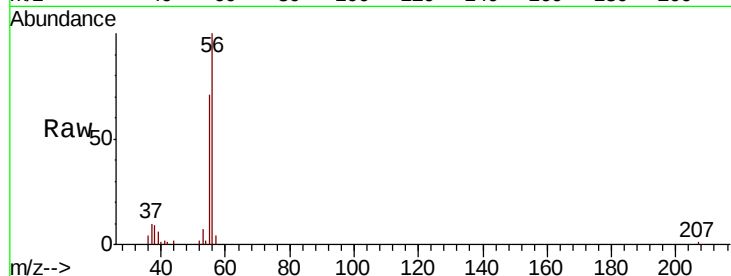
VSTDCCC050

Tot Ion: 56 Resp: 82757

Ion Ratio Lower Upper

56 100

55 70.7 57.2 85.8



#14

Allyl chloride

Concen: 50.719 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

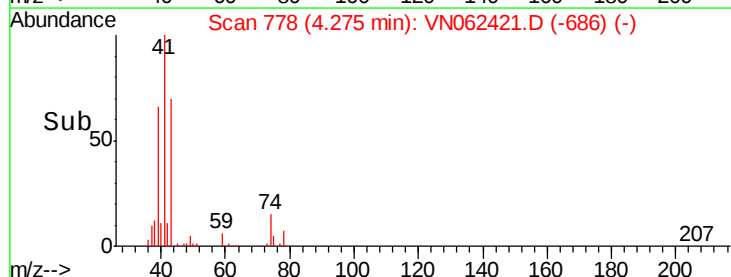
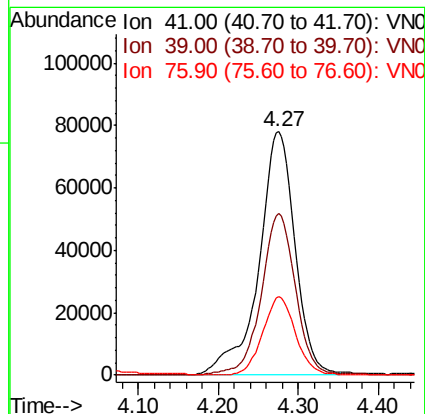
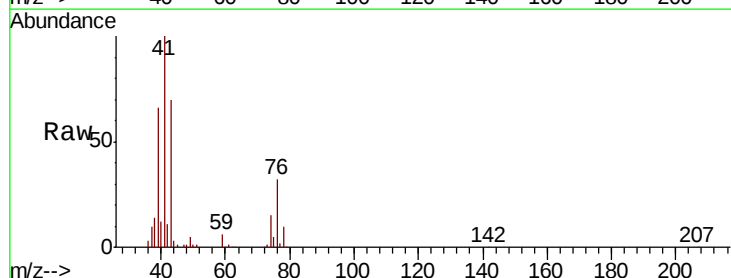
Tgt Ion: 41 Resp: 244579

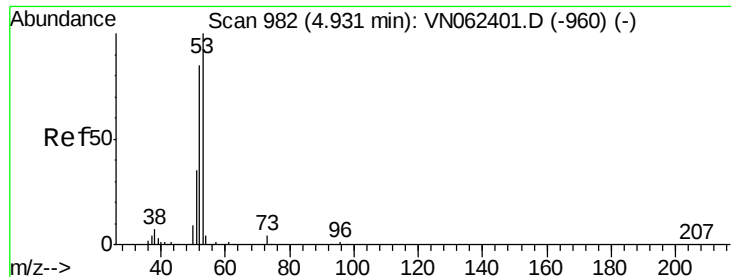
Ion Ratio Lower Upper

41 100

39 62.7 49.6 74.4

76 28.4 22.2 33.4





#15

Acrylonitrile

Concen: 257.636 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

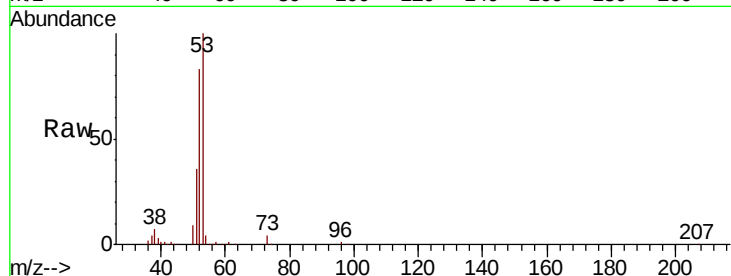
Tot Ion: 53 Resp: 344401

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

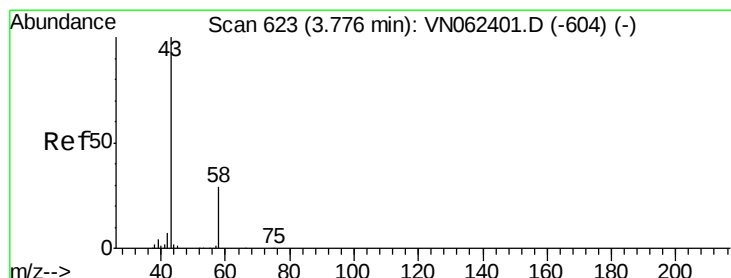
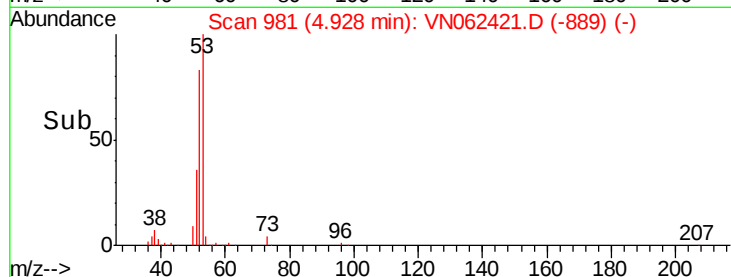
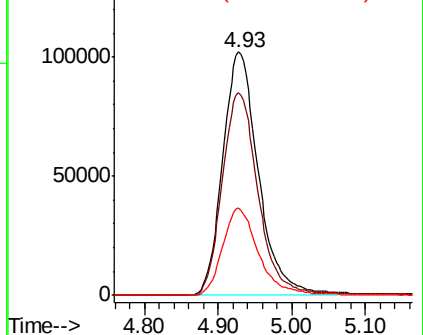
51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062401.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062401.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062401.D (-960) (-)



#16

Acetone

Concen: 218.935 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062421.D

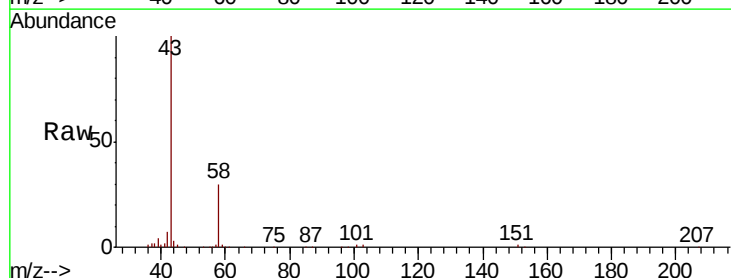
Acq: 8 Jul 2020 21:33

Tgt Ion: 43 Resp: 285604

Ion Ratio Lower Upper

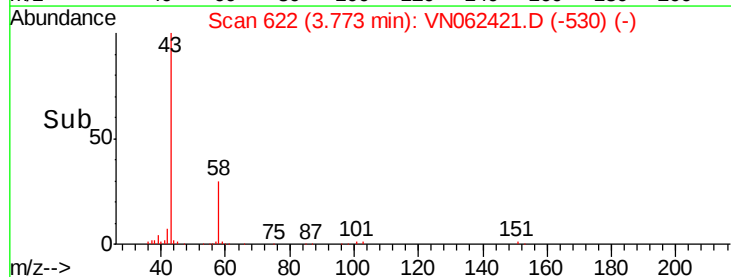
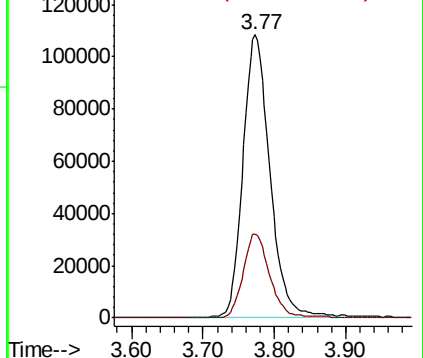
43 100

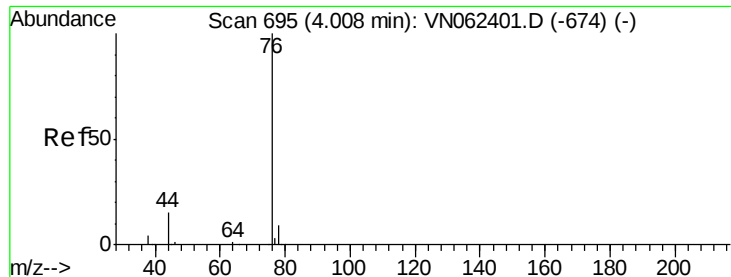
58 29.7 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-604) (-)

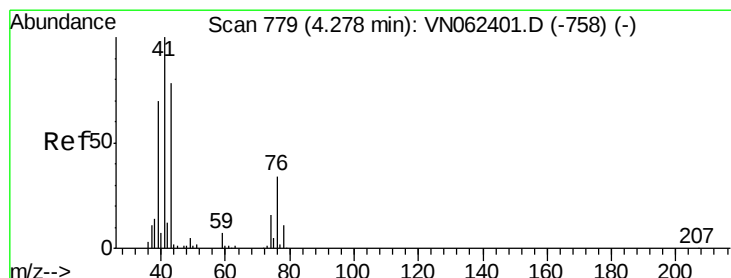
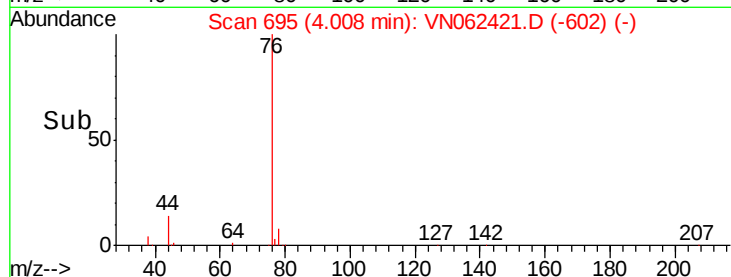
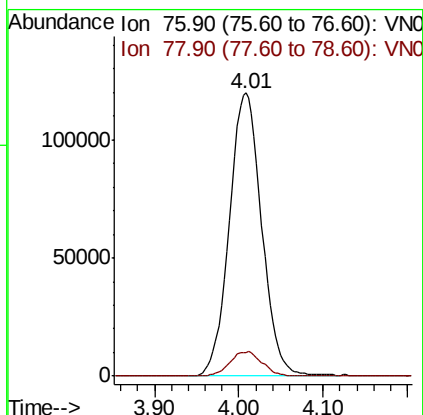
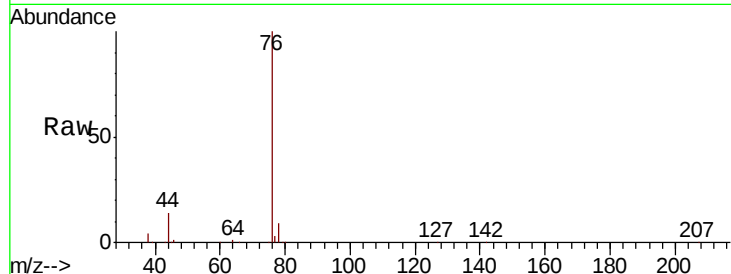




#17
Carbon Disulfide
Concen: 49.804 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

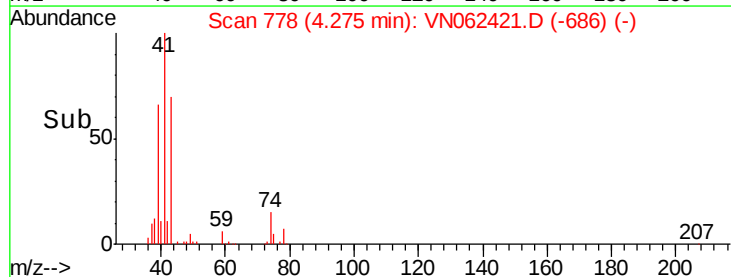
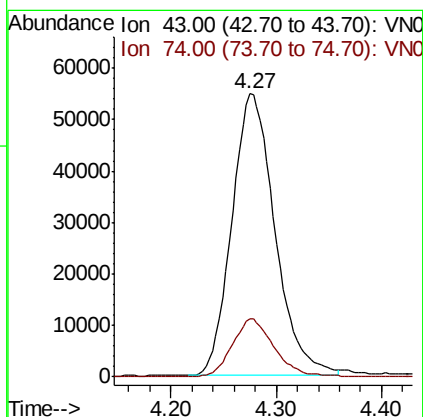
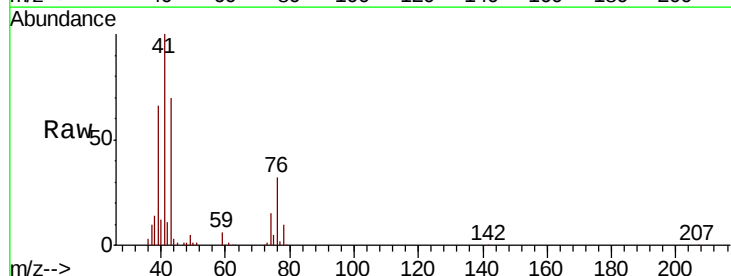
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

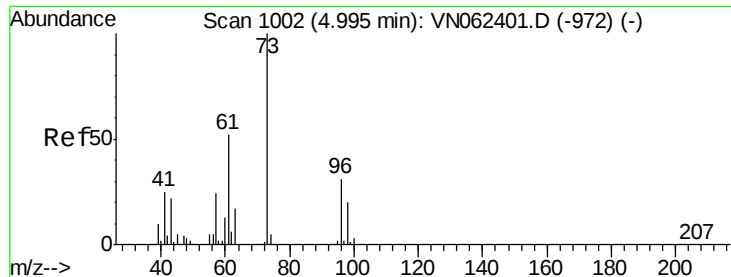
Tot Ion: 76 Resp: 319988
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 47.781 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 43 Resp: 155550
Ion Ratio Lower Upper
43 100
74 20.0 16.0 24.0

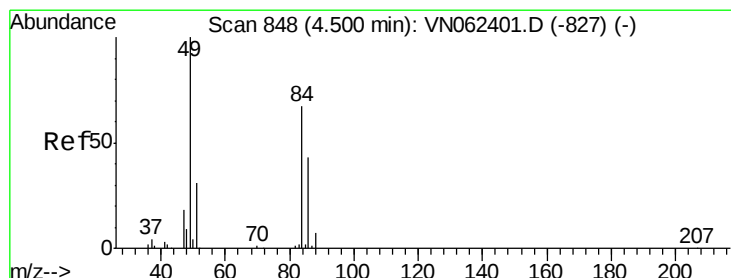
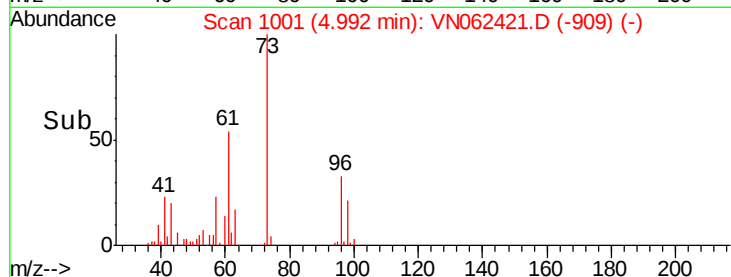
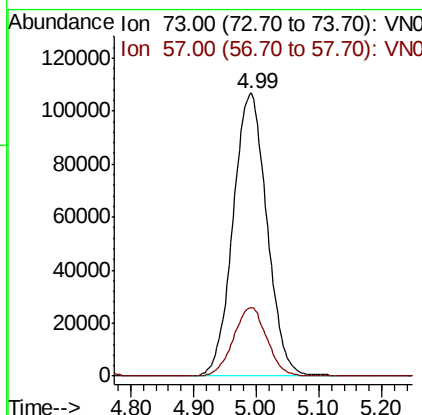
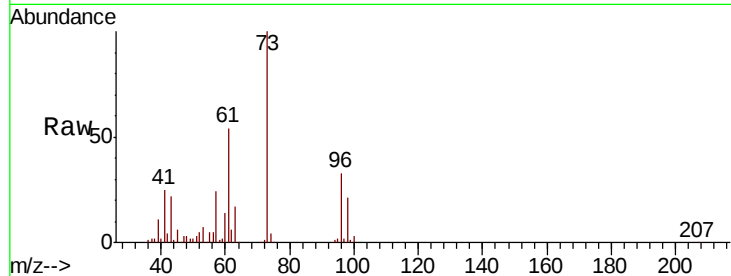




#19
Methyl tert-butyl Ether
Concen: 51.462 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

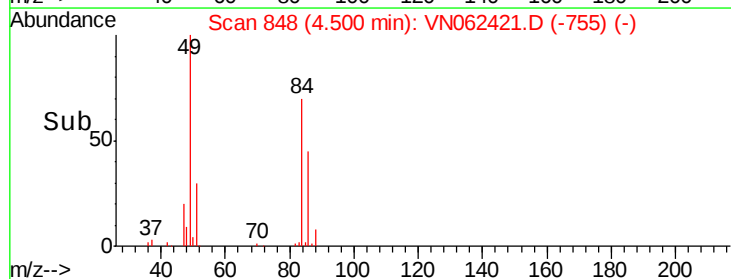
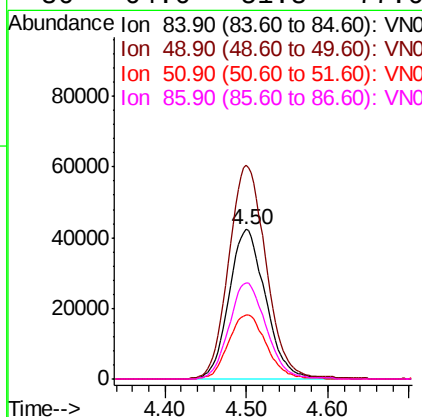
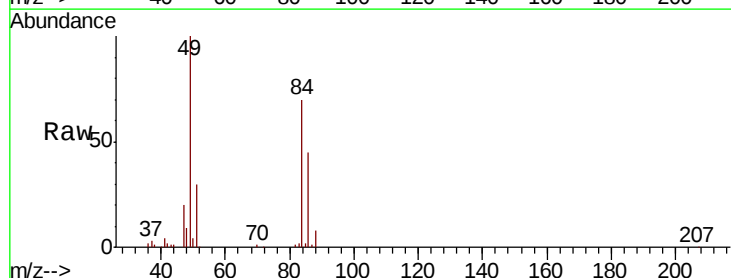
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

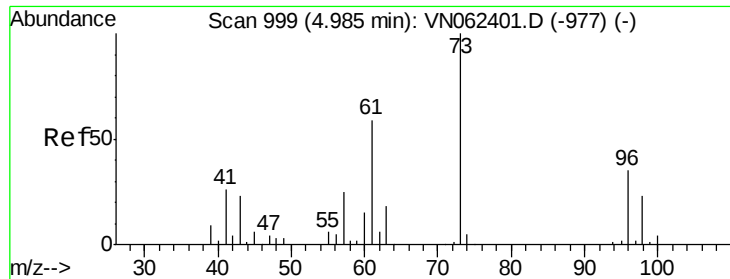
Tot Ion: 73 Resp: 400057
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.0



#20
Methylene Chloride
Concen: 47.629 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 84 Resp: 132846
Ion Ratio Lower Upper
84 100
49 142.6 120.0 180.0
51 42.5 37.0 55.6
86 64.6 51.8 77.6

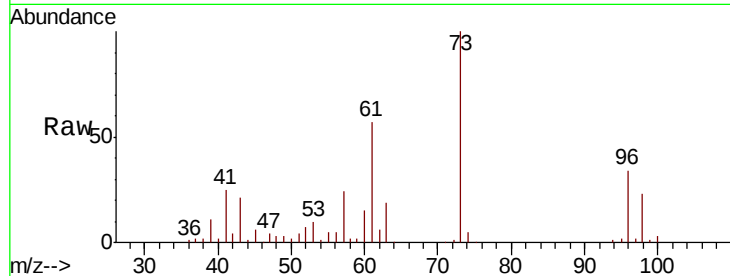




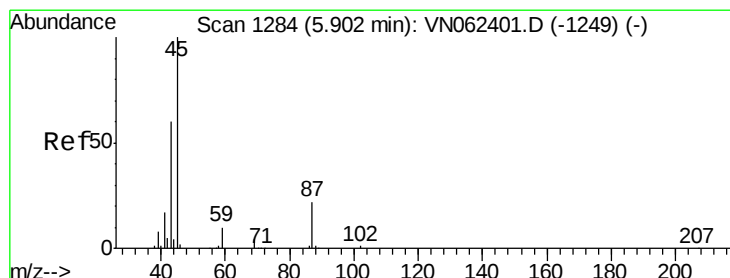
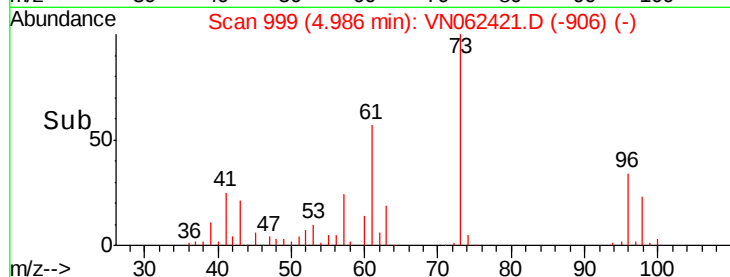
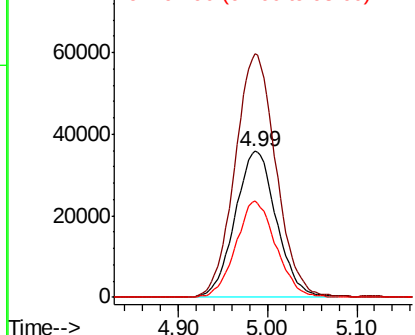
#21
trans-1,2-Dichloroethene
Concen: 52.003 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 115515
Ion Ratio Lower Upper
96 100
61 167.1 133.5 200.3
98 65.9 51.9 77.9

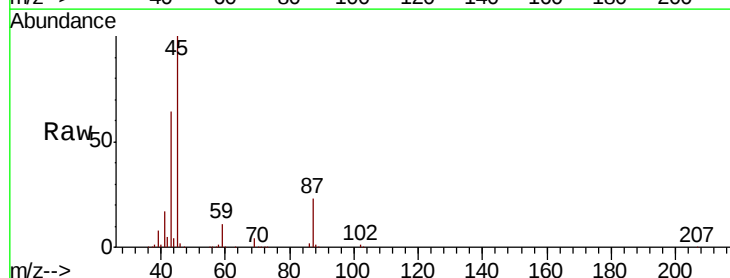


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

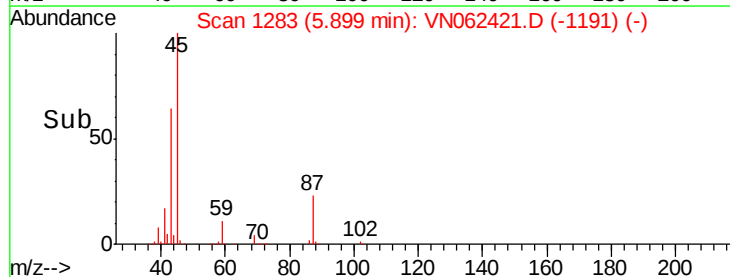
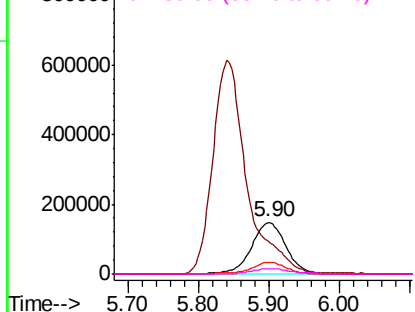


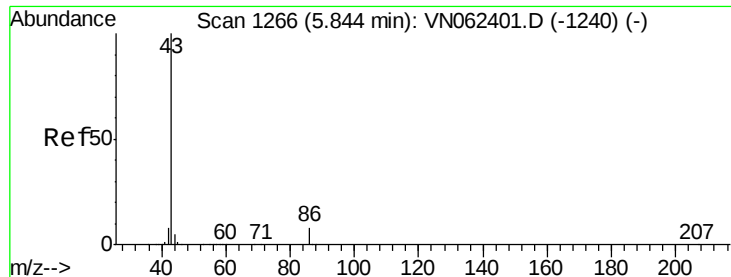
#22
Diisopropyl ether
Concen: 52.791 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 45 Resp: 502954
Ion Ratio Lower Upper
45 100
43 61.8 50.1 75.1
87 22.9 18.2 27.4
59 10.3 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 262.420 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

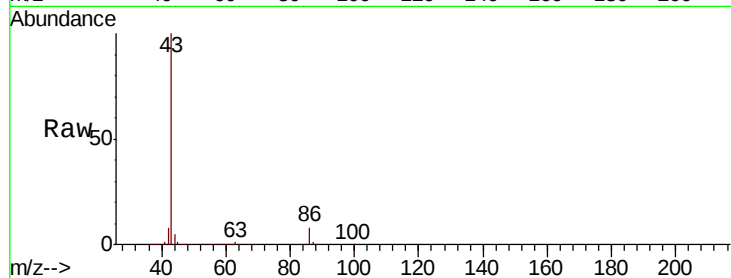
VSTDCCC050

Tot Ion: 43 Resp: 2071083

Ion Ratio Lower Upper

43 100

86 8.0 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN062401.D (-1240) (-)

5.84

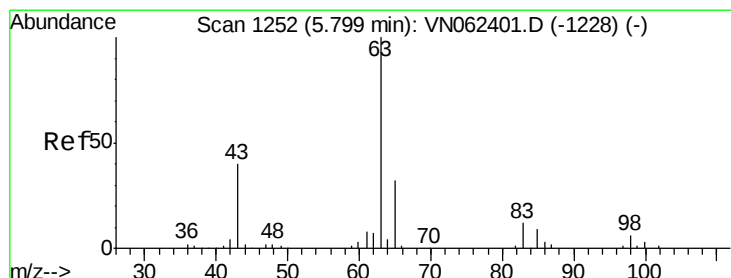
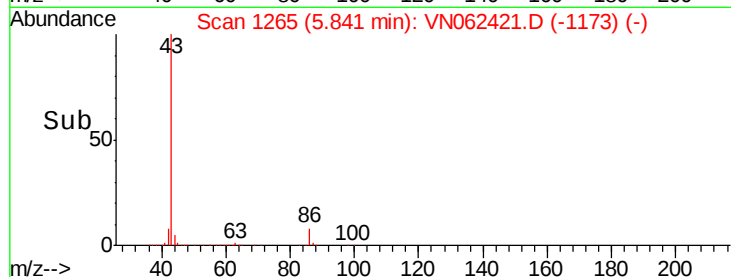
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.614 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

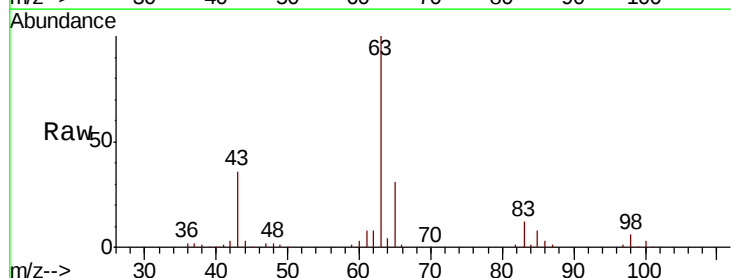
Tgt Ion: 63 Resp: 254100

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.5 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN062401.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062401.D (-1228) (-)

5.80

100000

80000

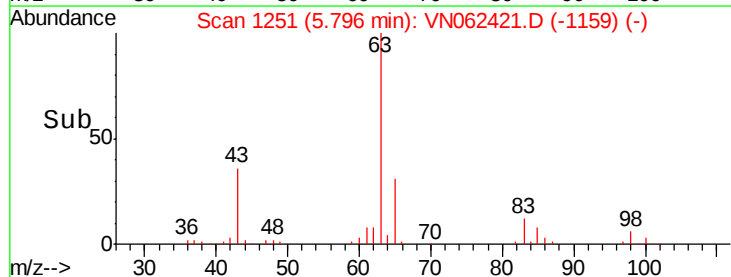
60000

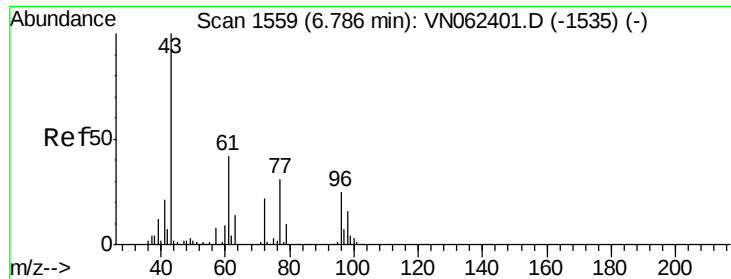
40000

20000

0

Time-->

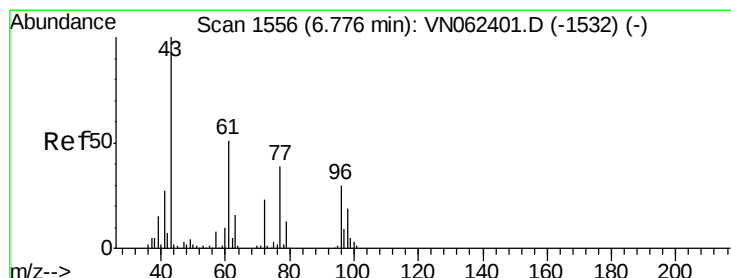
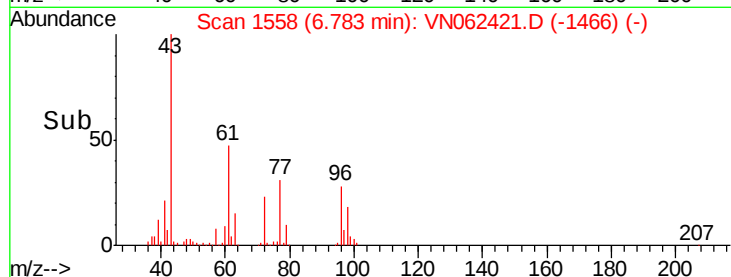
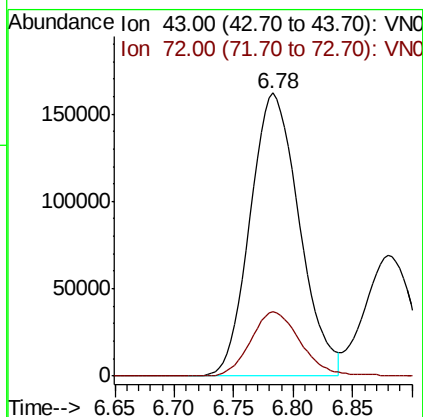
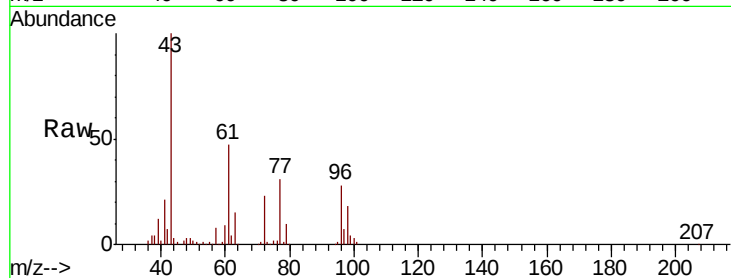




#25
2-Butanone
Concen: 242.797 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

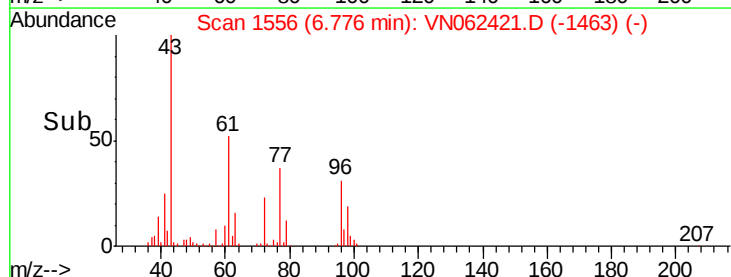
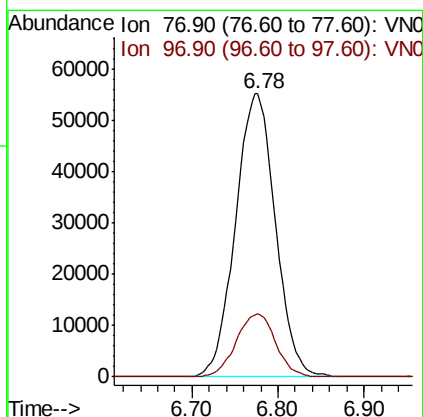
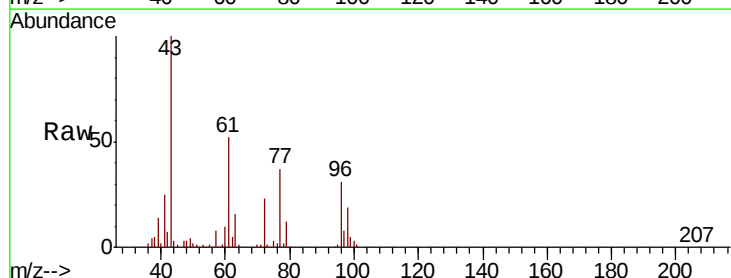
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

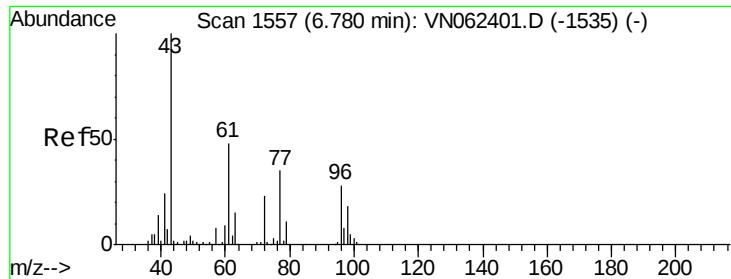
Tot Ion: 43 Resp: 462568
Ion Ratio Lower Upper
43 100
72 22.8 17.9 26.9



#26
2,2-Dichloropropane
Concen: 47.147 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 77 Resp: 177968
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9

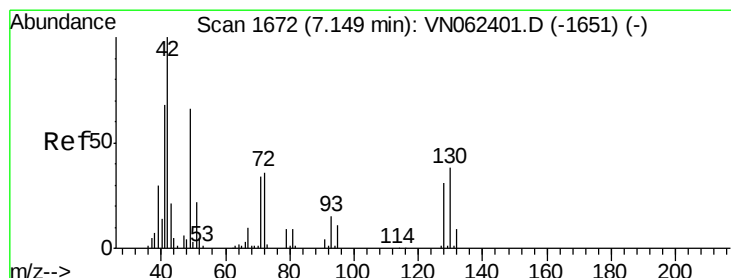
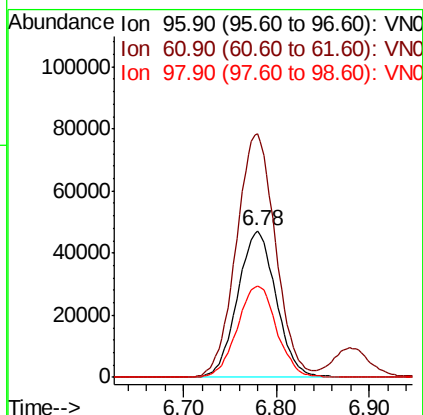
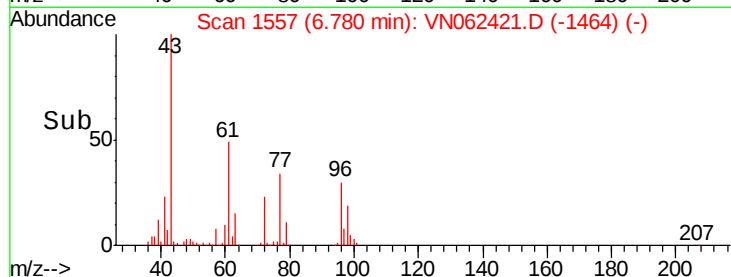
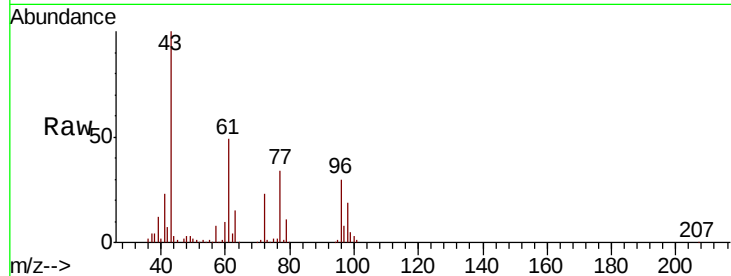




#27
 cis-1,2-Dichloroethene
 Concen: 52.854 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

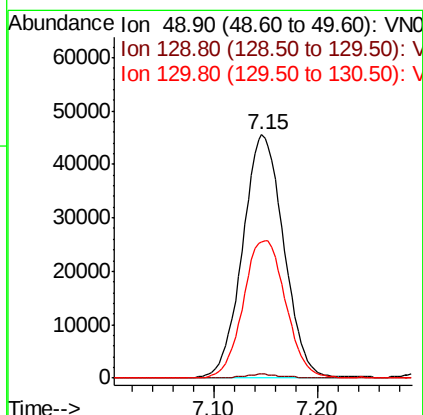
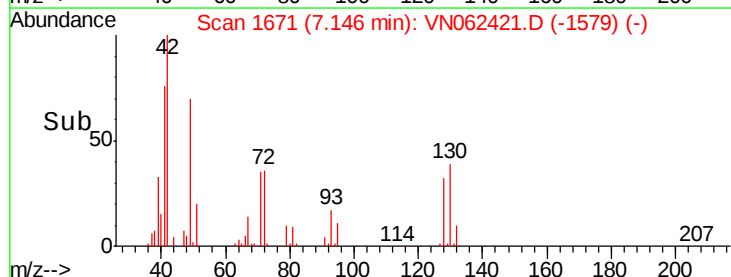
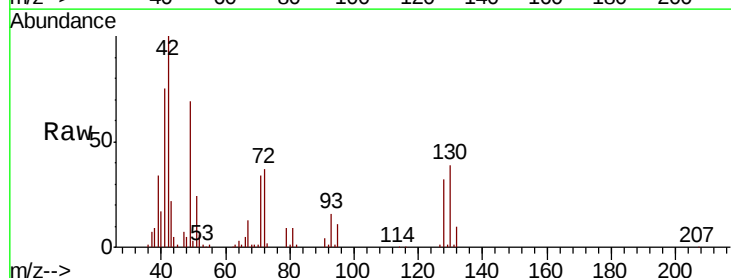
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

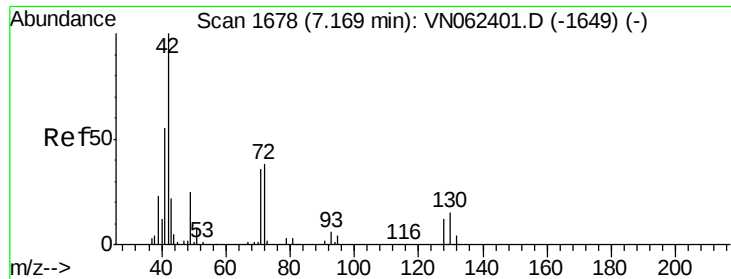
Tot Ion	Ratio	Lower	Upper
96	100		
61	169.3	0.0	343.4
98	63.7	0.0	128.4



#28
 Bromochloromethane
 Concen: 47.255 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.8
130	58.1	46.5	69.7

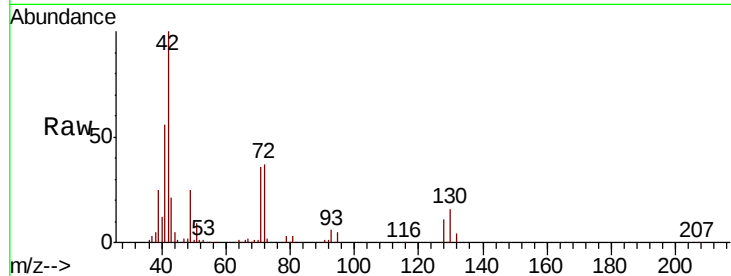




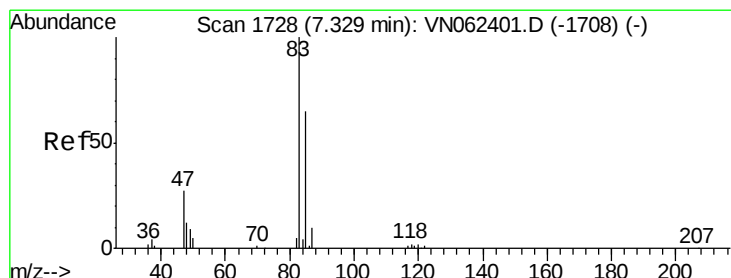
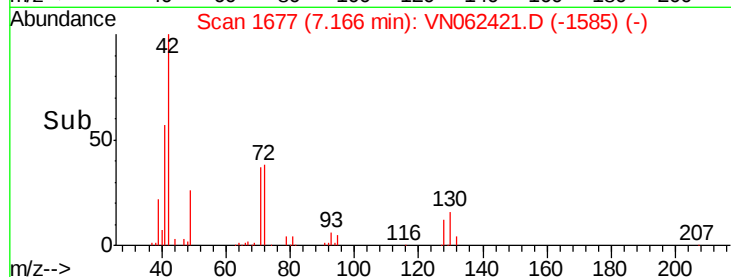
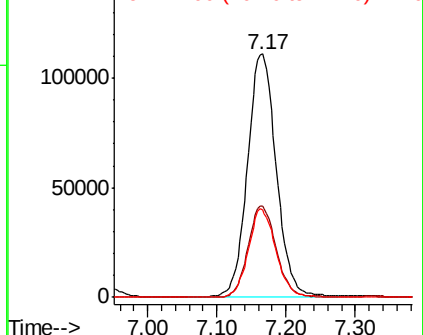
#29
Tetrahydrofuran
Concen: 250.387 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 321161
Ion Ratio Lower Upper
42 100
72 36.3 29.1 43.7
71 34.7 28.1 42.1

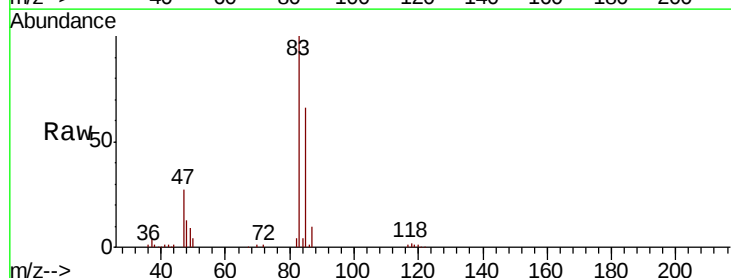


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

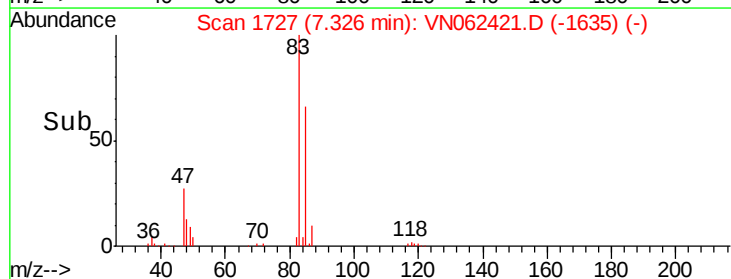
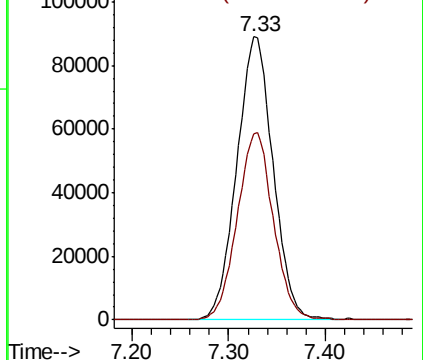


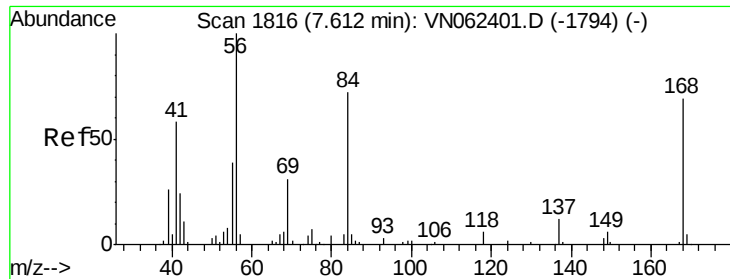
#30
Chloroform
Concen: 52.213 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 83 Resp: 232092
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

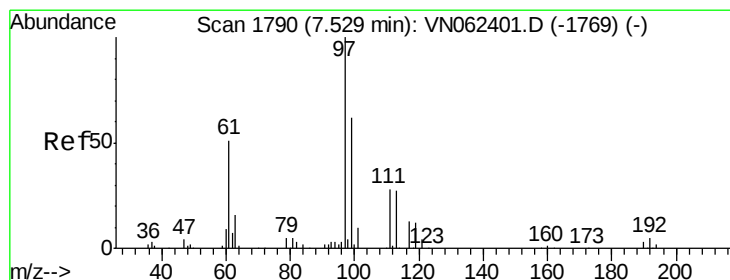
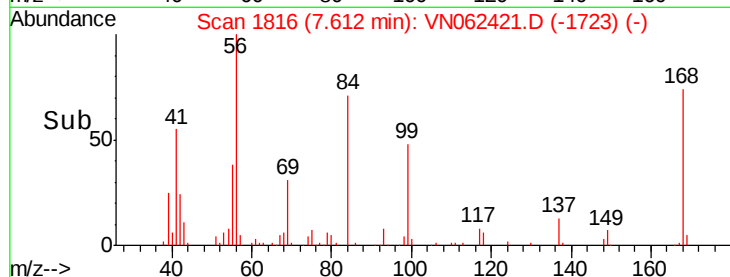
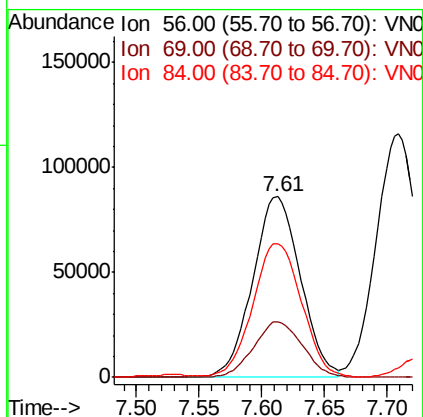
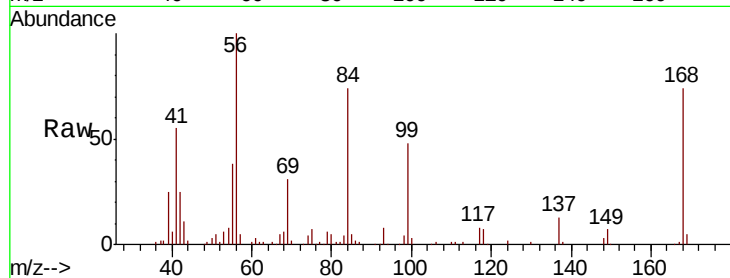




#31
Cyclohexane
Concen: 48.902 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

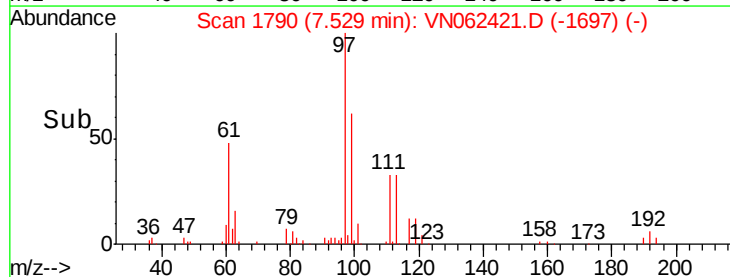
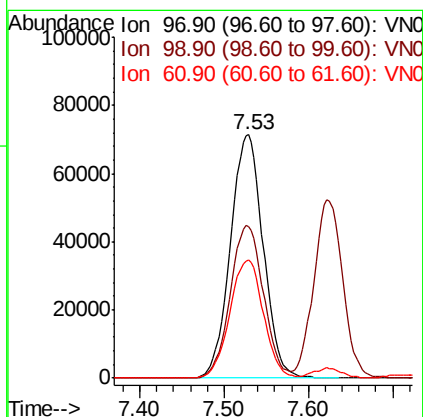
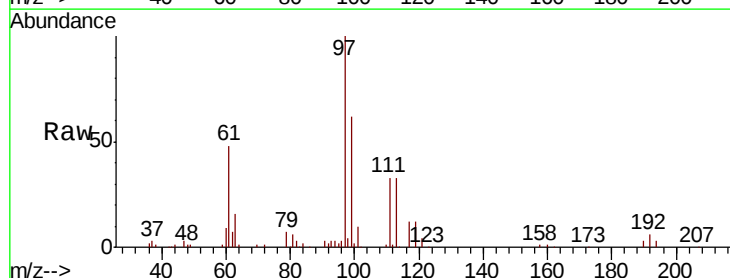
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

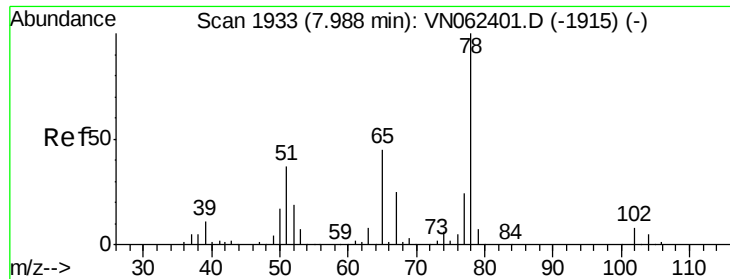
Tot Ion: 56 Resp: 228232
Ion Ratio Lower Upper
56 100
69 31.0 24.5 36.7
84 72.9 57.4 86.2



#32
1,1,1-Trichloroethane
Concen: 52.198 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 97 Resp: 193002
Ion Ratio Lower Upper
97 100
99 63.4 50.4 75.6
61 49.7 39.9 59.9

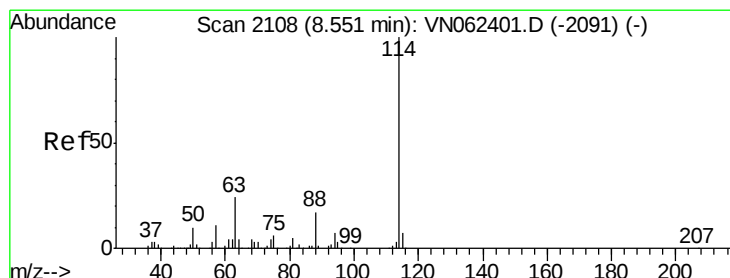
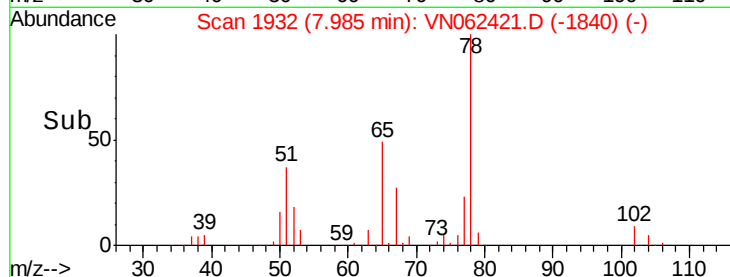
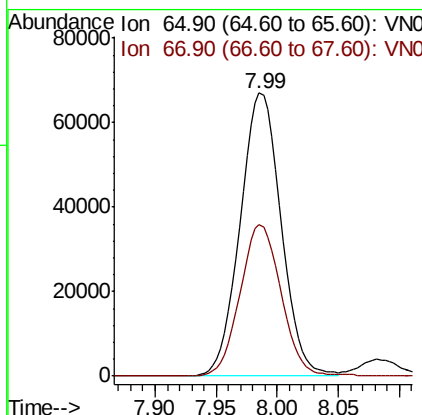
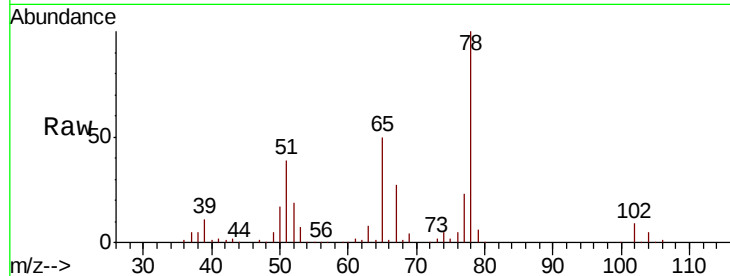




#33
 1,2-Dichloroethane-d4
 Concen: 50.639 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

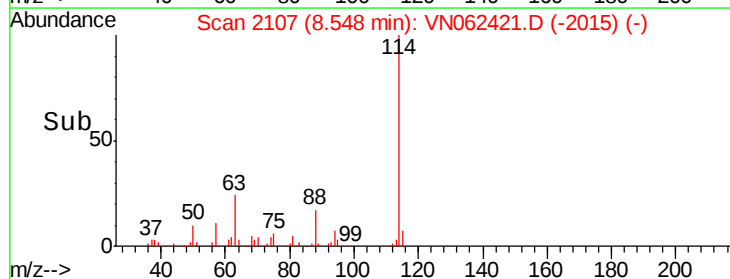
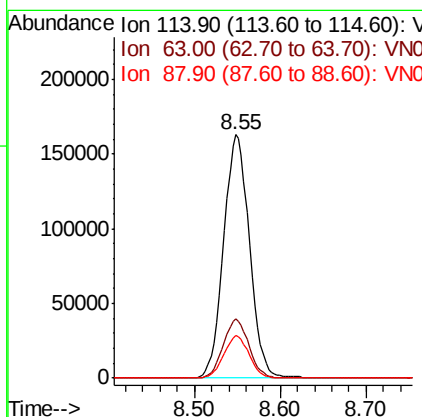
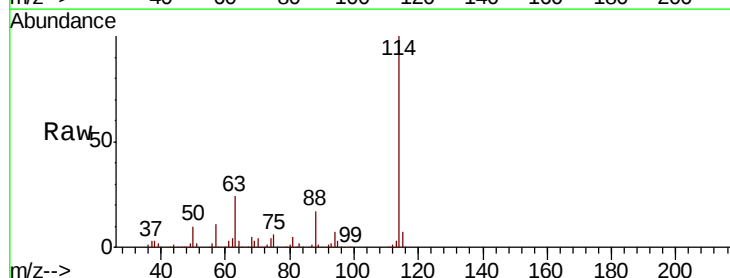
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

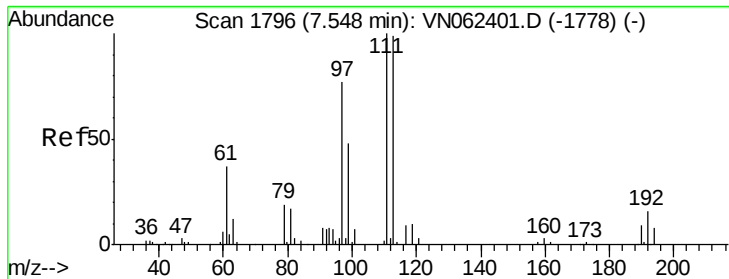
Tot Ion: 65 Resp: 155596
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 114 Resp: 341121
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.4 0.0 33.8

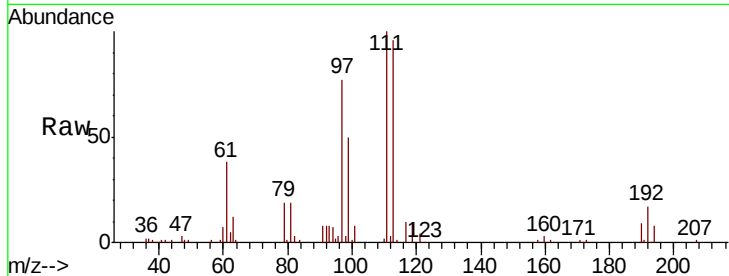




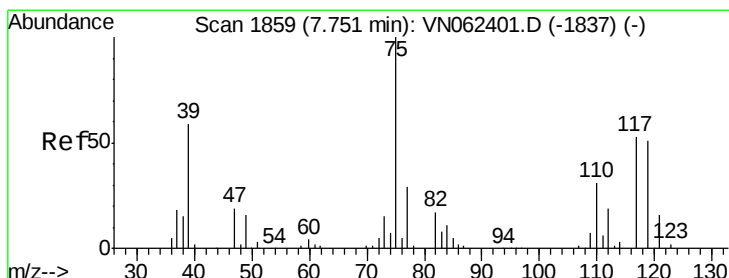
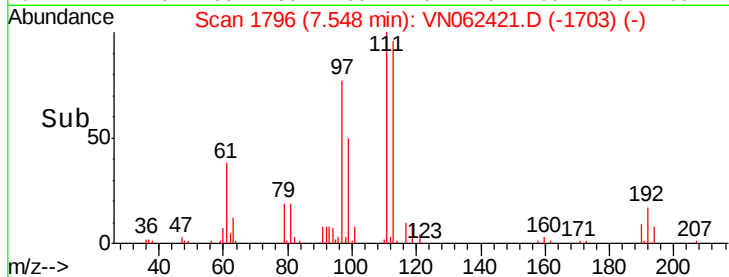
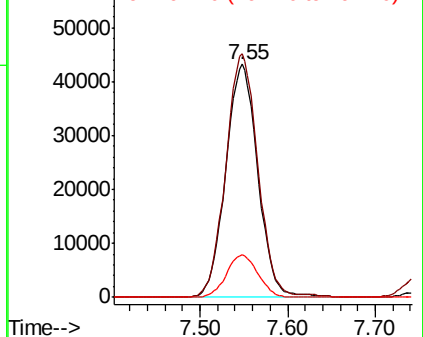
#35
 Dibromofluoromethane
 Concen: 52.169 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 110002
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.1 124.7
 192 17.9 14.1 21.1

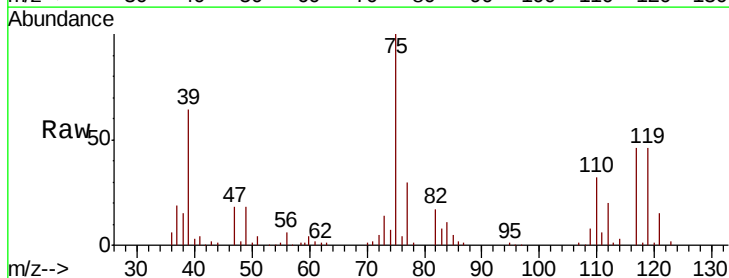


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

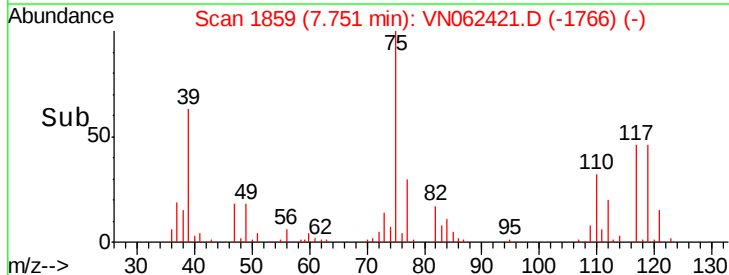
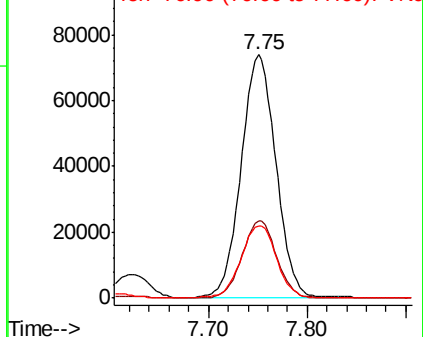


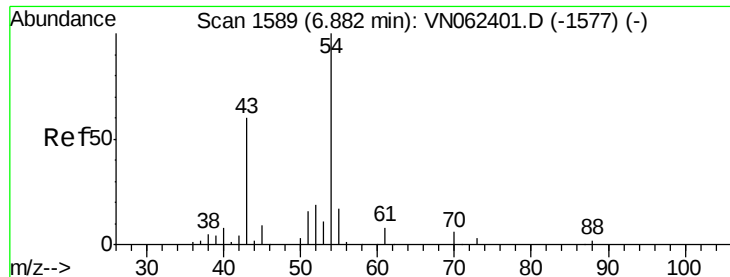
#36
 1,1-Dichloropropene
 Concen: 52.029 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 75 Resp: 178811
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.4 46.2
 77 30.9 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

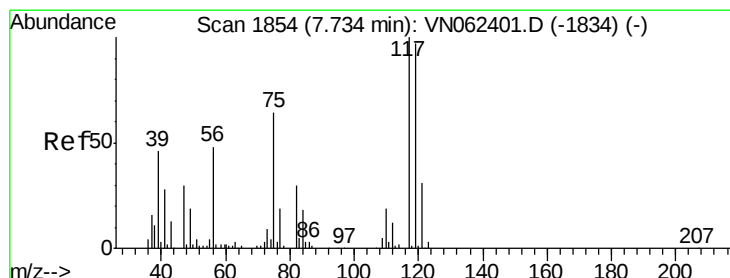
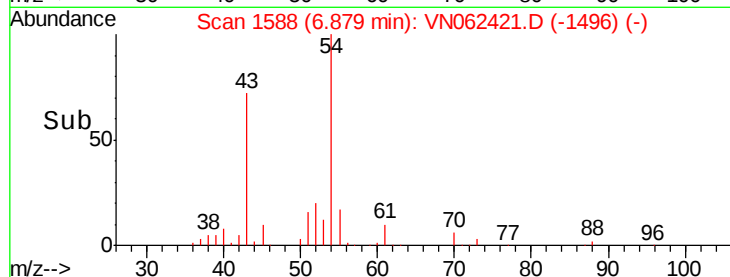
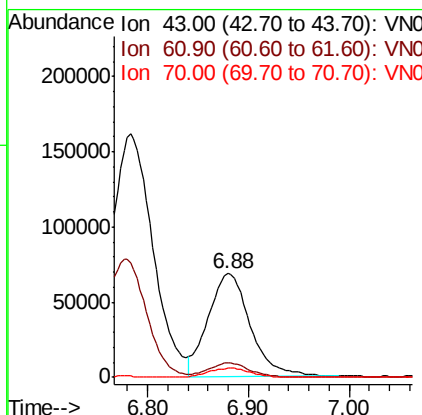
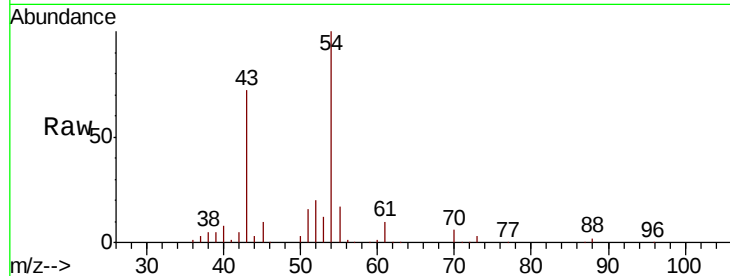




#37
Ethyl Acetate
Concen: 49.298 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

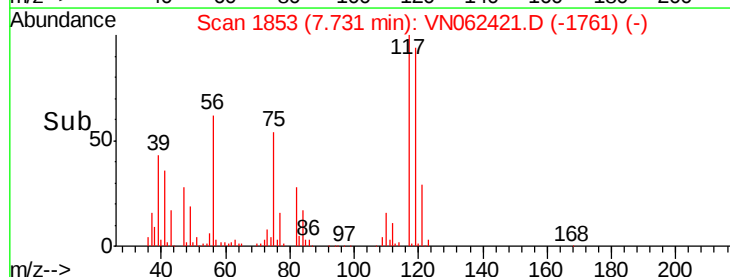
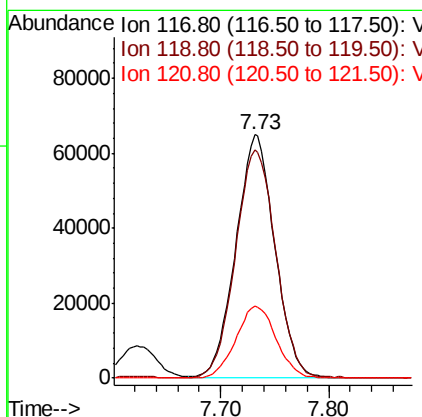
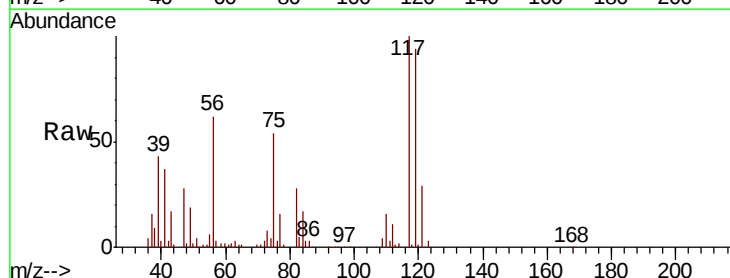
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

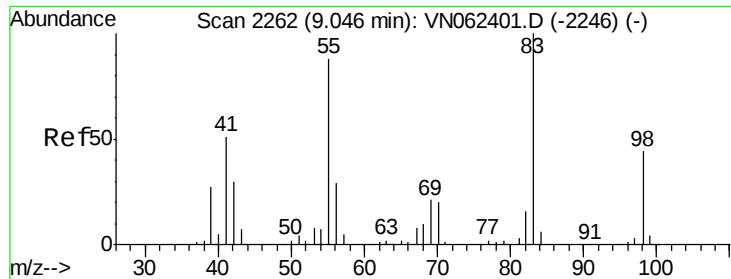
Tot Ion: 43 Resp: 198110
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.443 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 117 Resp: 162037
Ion Ratio Lower Upper
117 100
119 93.8 77.2 115.8
121 29.5 24.8 37.2

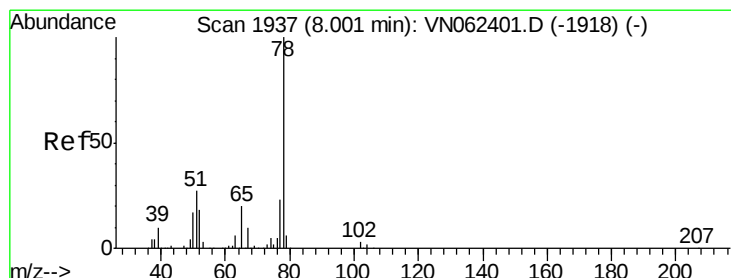
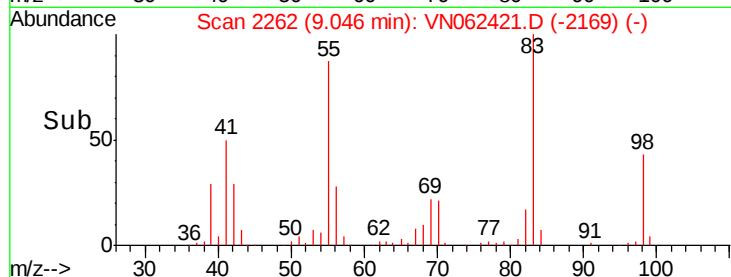
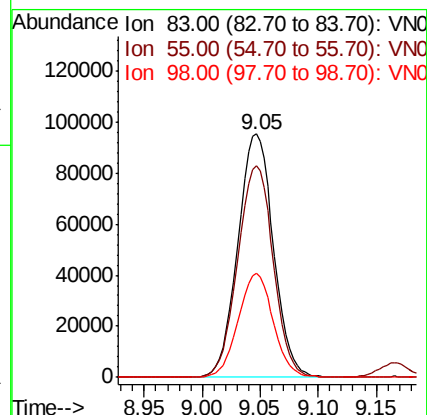
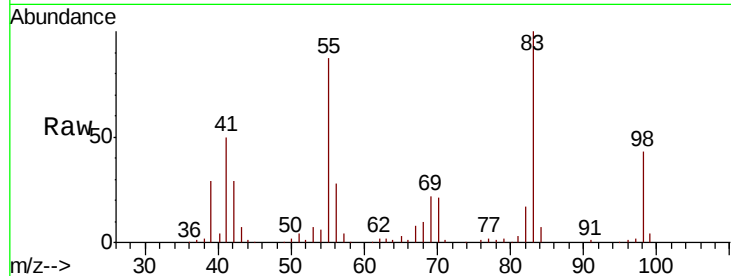




#39
Methvlcvclohexane
Concen: 55.247 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

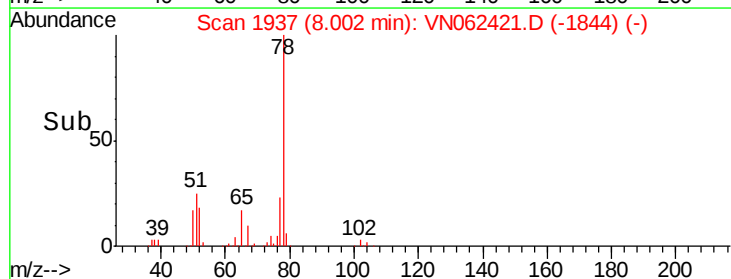
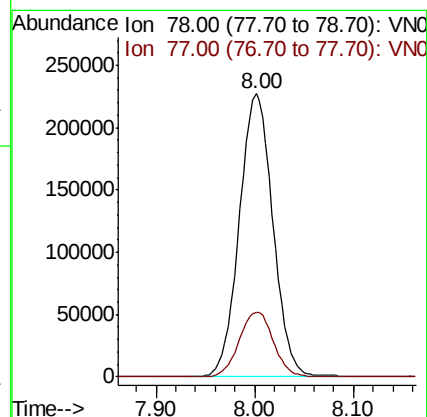
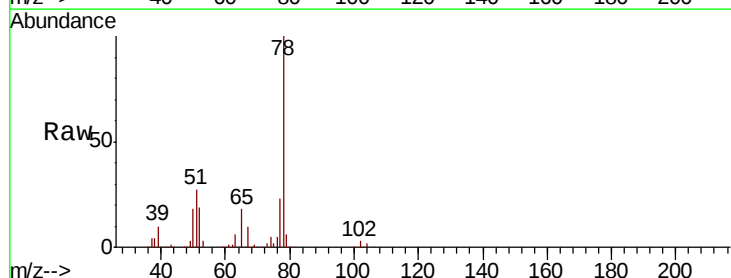
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

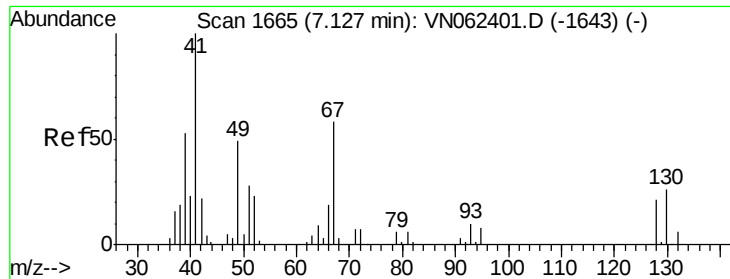
Tot Ion: 83 Resp: 202706
Ion Ratio Lower Upper
83 100
55 87.1 70.5 105.7
98 42.5 35.5 53.3



#40
Benzene
Concen: 52.954 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 78 Resp: 536362
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

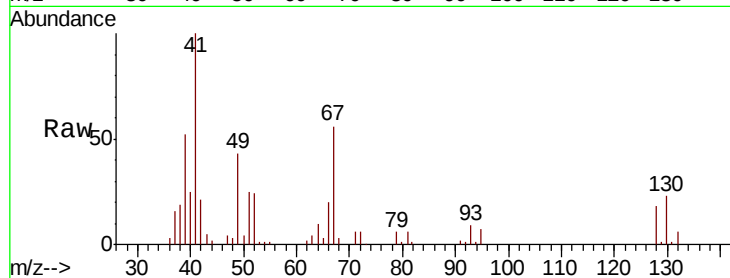




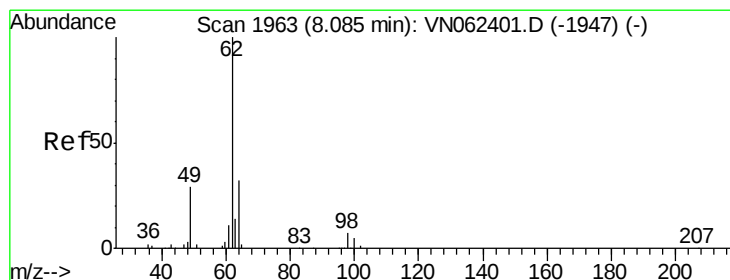
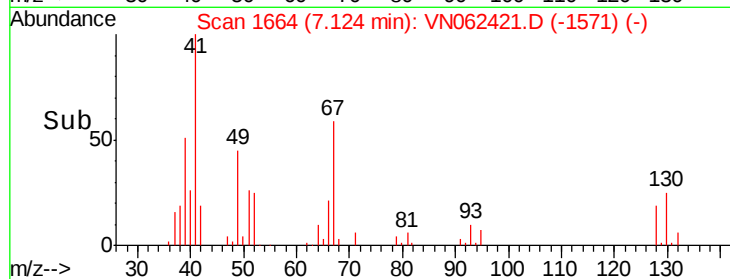
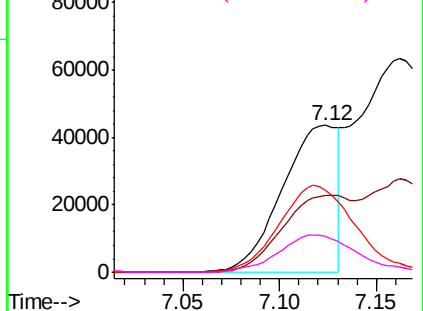
#41
Methacrylonitrile
Concen: 52.052 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	87395
Ion	Ratio	Lower	Upper
41	100		
39	67.2	50.2	75.2
67	81.8	64.2	96.2
52	35.9	28.0	42.0

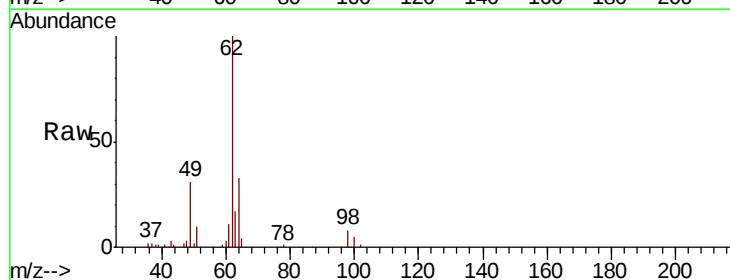


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

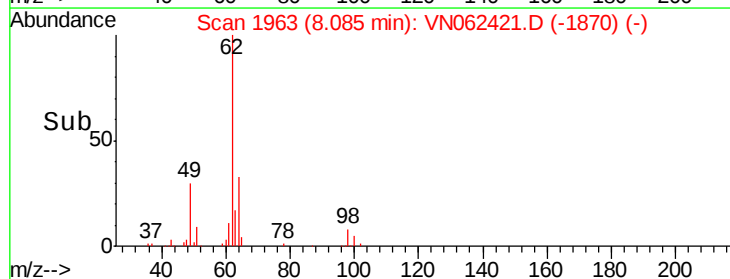
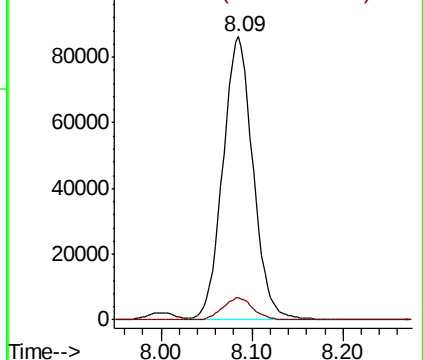


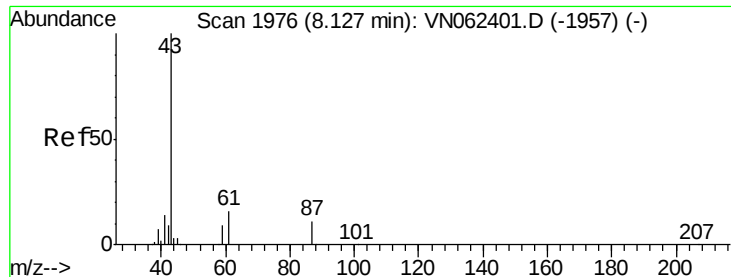
#42
1,2-Dichloroethane
Concen: 53.320 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion:	62	Resp:	197754
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 52.631 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

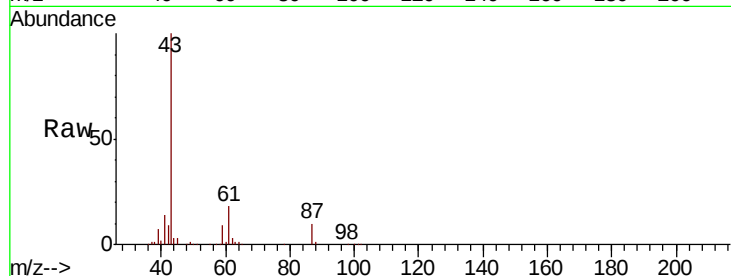
Tot Ion: 43 Resp: 334117

Ion Ratio Lower Upper

43 100

61 24.6 19.3 28.9

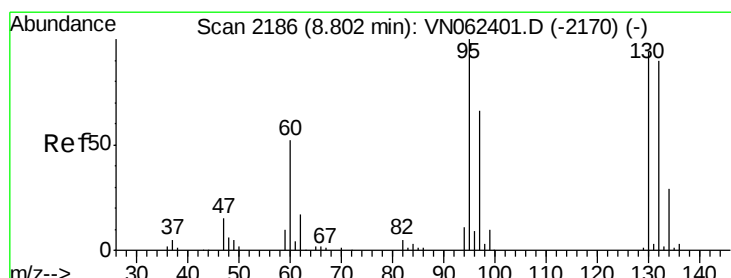
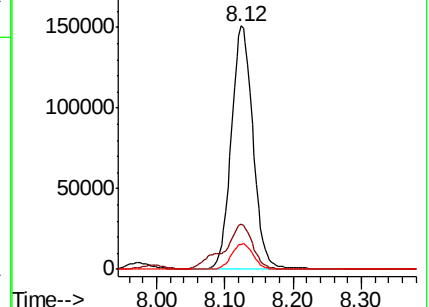
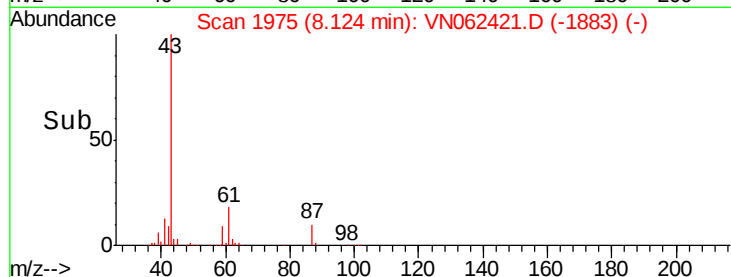
87 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 52.794 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062421.D

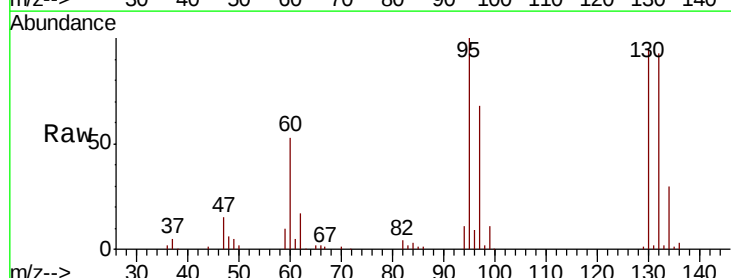
Acq: 8 Jul 2020 21:33

Tgt Ion:130 Resp: 118644

Ion Ratio Lower Upper

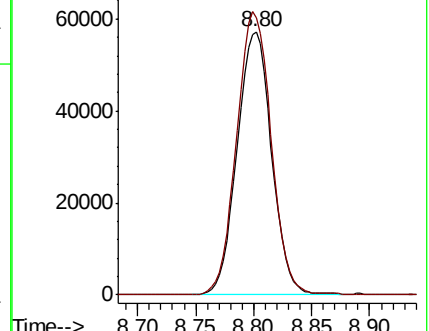
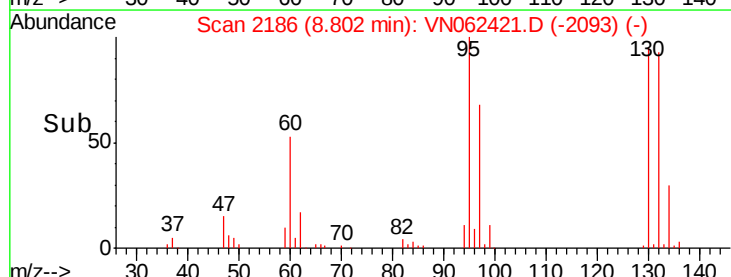
130 100

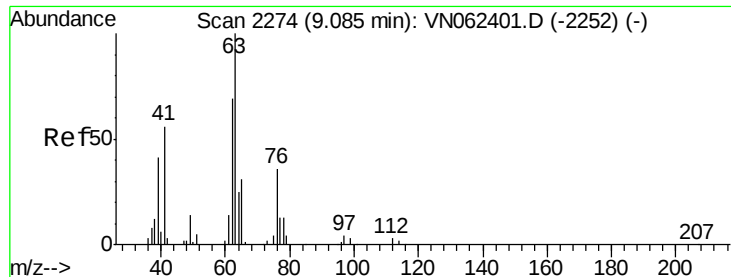
95 105.5 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)

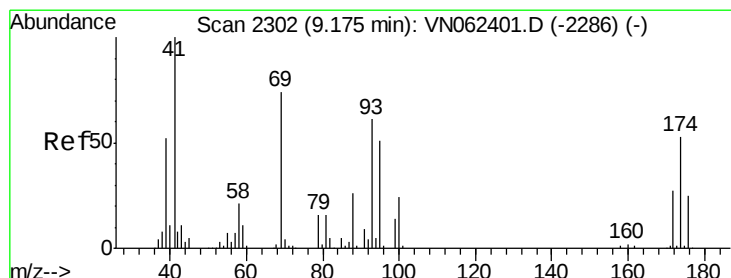
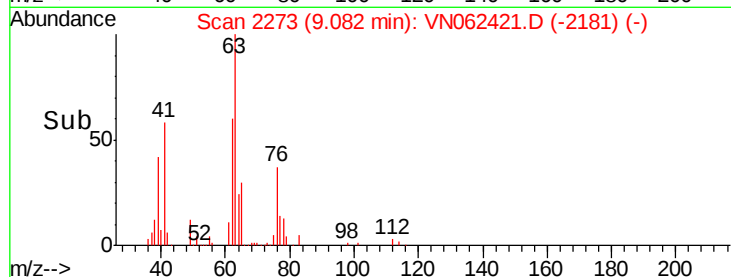
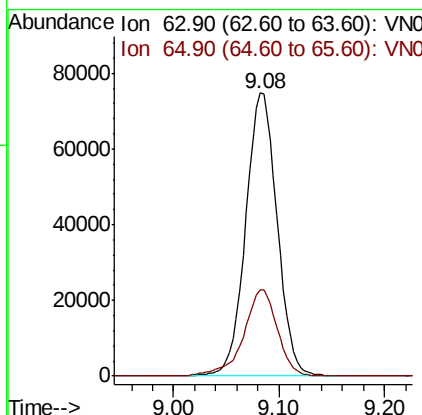
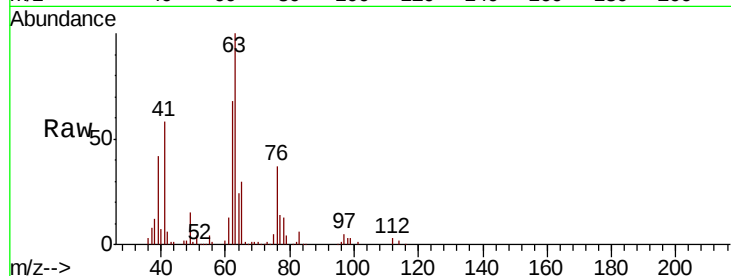




#45
 1,2-Dichloropropane
 Concen: 52.924 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

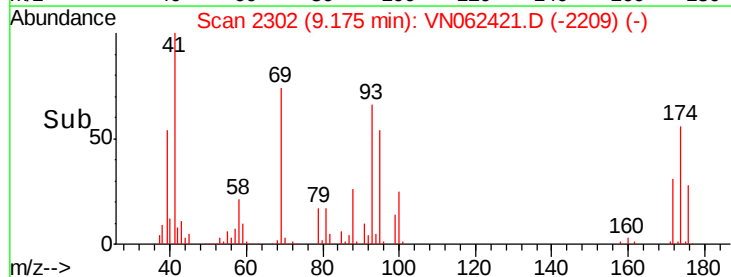
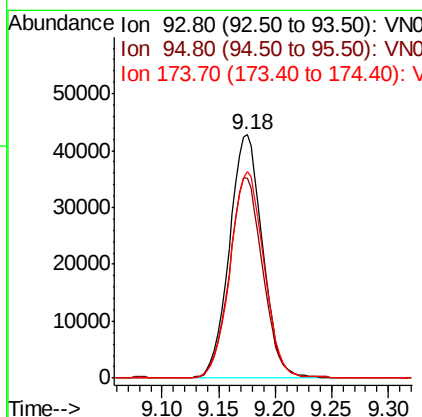
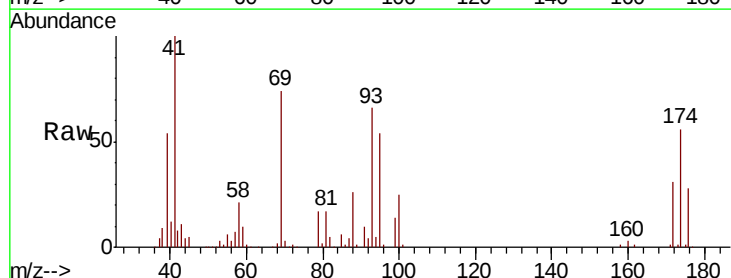
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

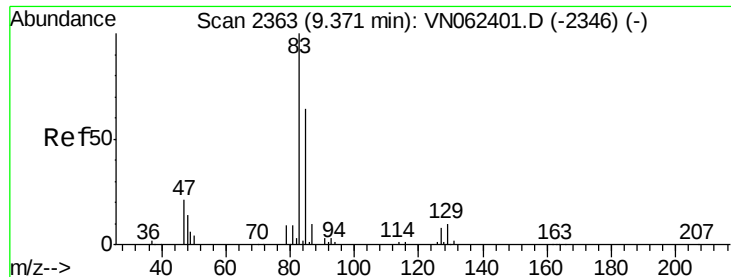
Tot Ion: 63 Resp: 155617
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 36.8



#46
 Dibromomethane
 Concen: 52.711 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 93 Resp: 87465
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.1 100.7
 174 86.5 70.4 105.6

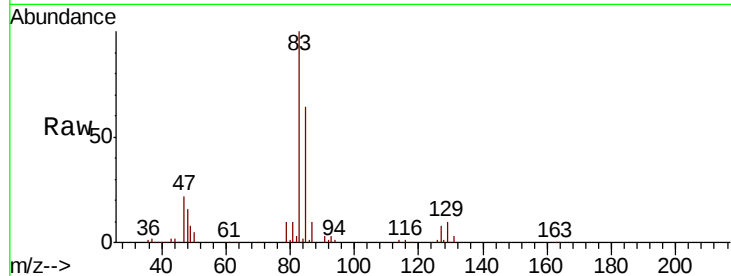




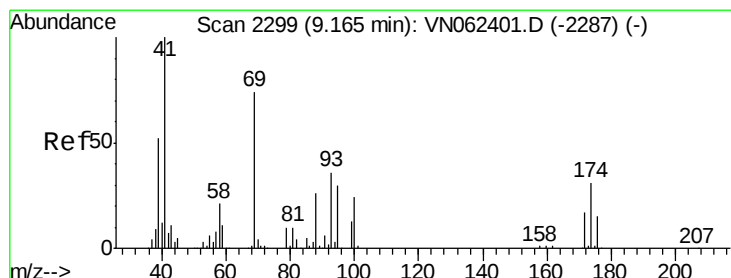
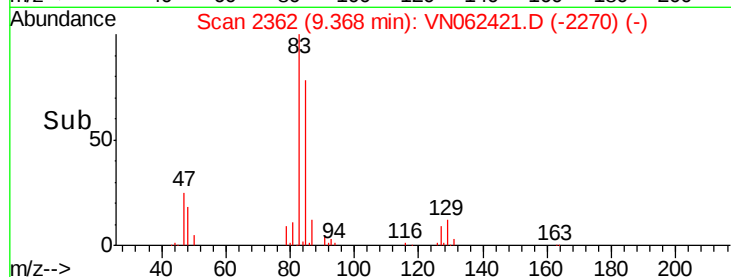
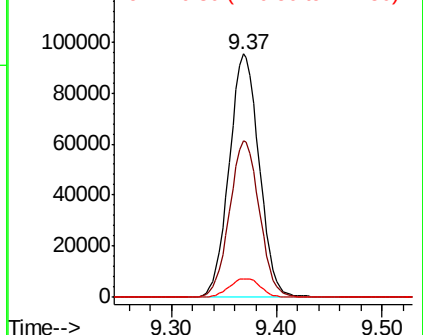
#47
Bromodichloromethane
Concen: 52.876 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 187581
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 7.7 6.2 9.2

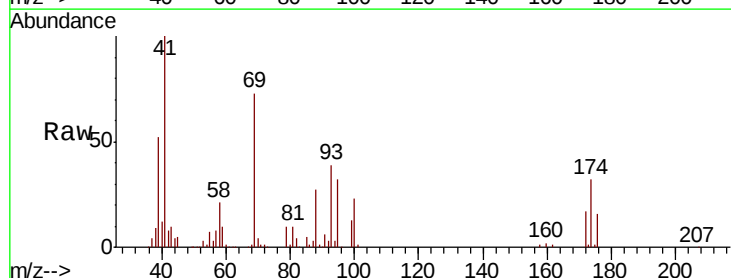


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

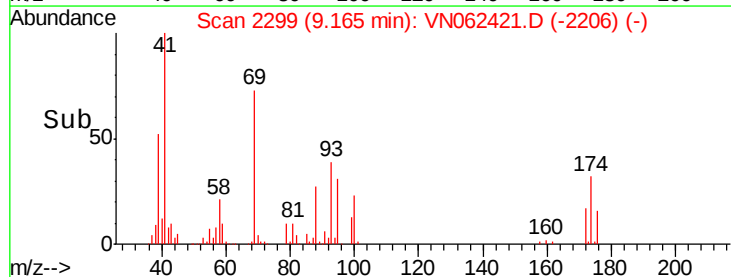
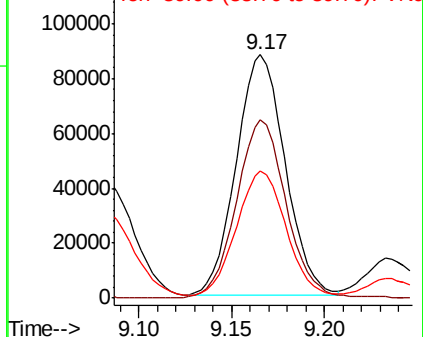


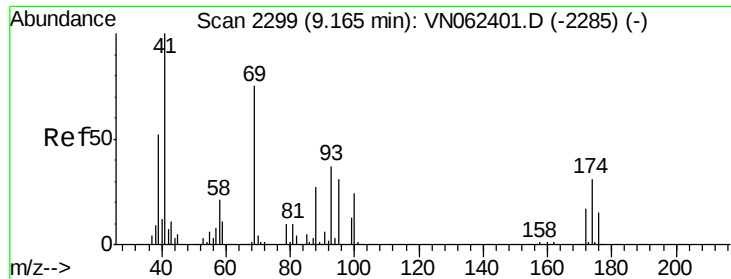
#48
Methyl methacrylate
Concen: 51.652 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 41 Resp: 160847
Ion Ratio Lower Upper
41 100
69 76.1 60.8 91.2
39 54.4 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

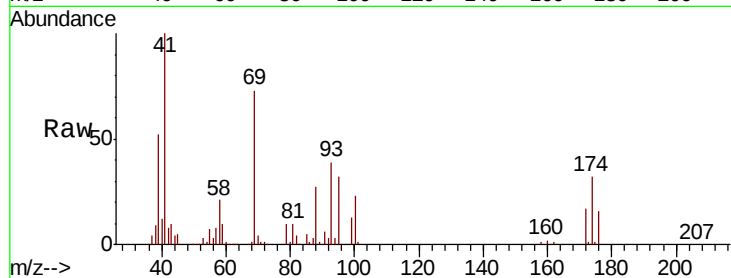




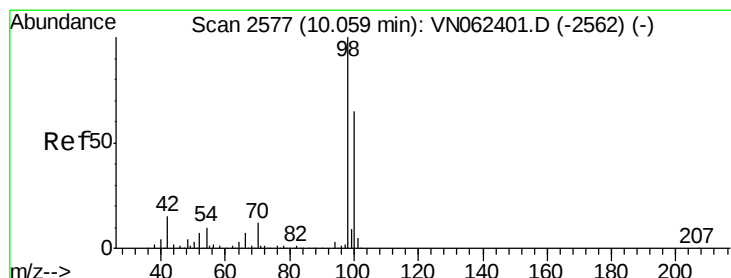
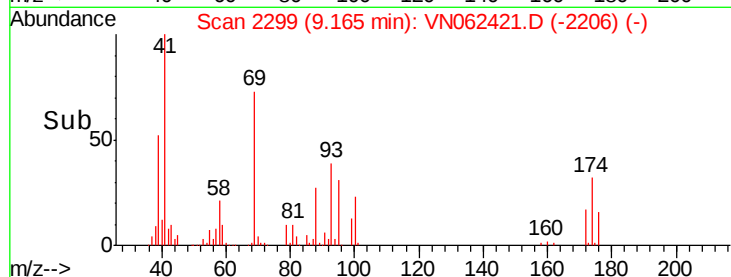
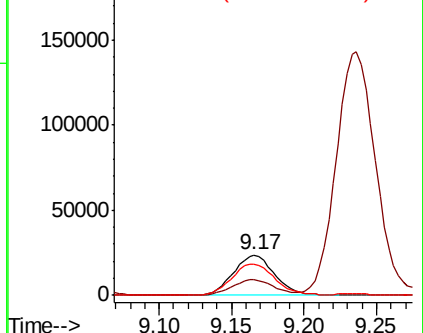
#49
1,4-Dioxane
Concen: 1042.109 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 47234
Ion Ratio Lower Upper
88 100
43 40.1 31.0 46.4
58 80.4 63.3 94.9

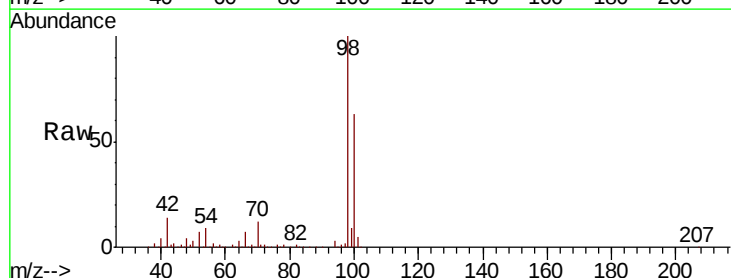


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

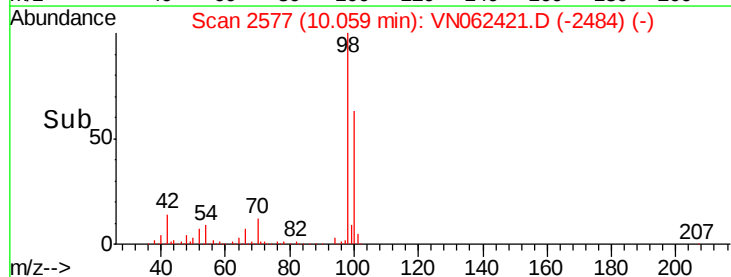
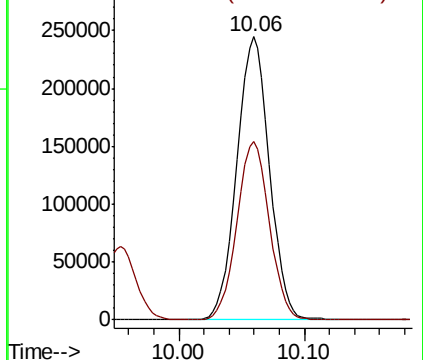


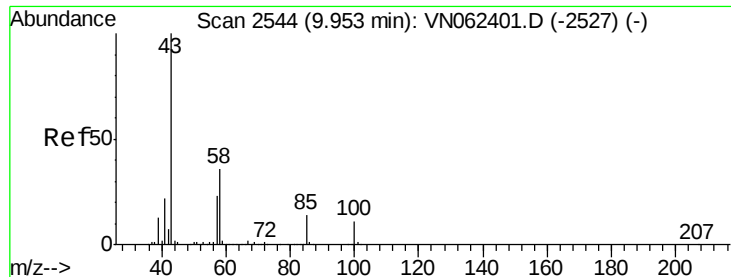
#50
Toluene-d8
Concen: 53.081 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 98 Resp: 441854
Ion Ratio Lower Upper
98 100
100 62.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 260.858 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

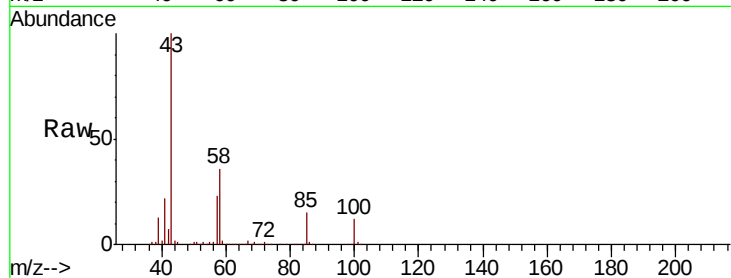
VSTDCCC050

Tot Ion: 43 Resp: 989101

Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)

9.95

600000

500000

400000

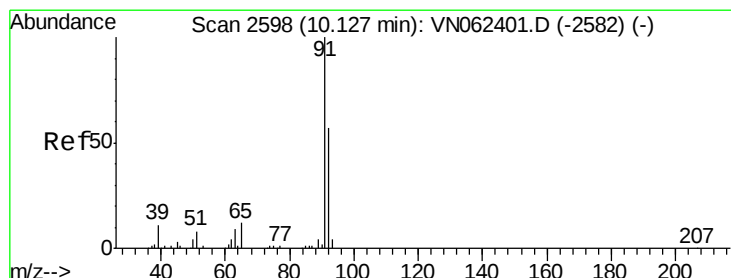
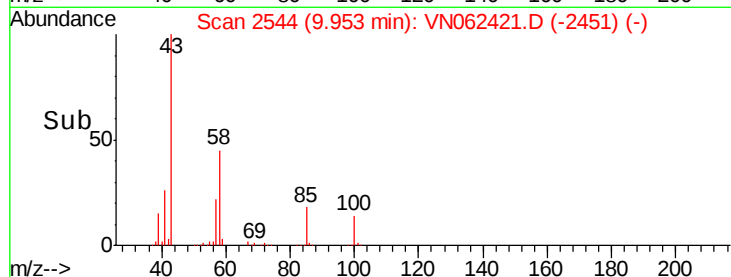
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.124 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062421.D

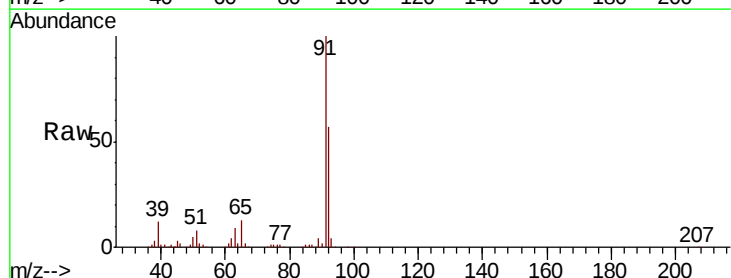
Acq: 8 Jul 2020 21:33

Tgt Ion: 92 Resp: 316658

Ion Ratio Lower Upper

92 100

91 174.3 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062401.D (-2582) (-)

10.12

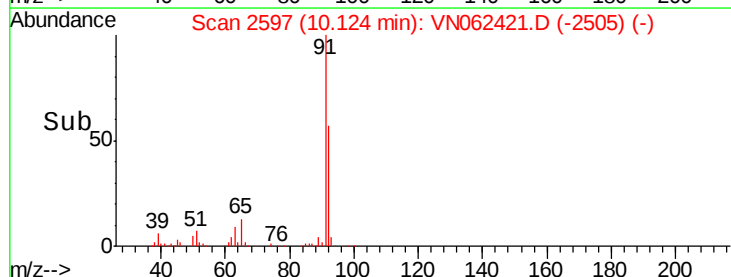
300000

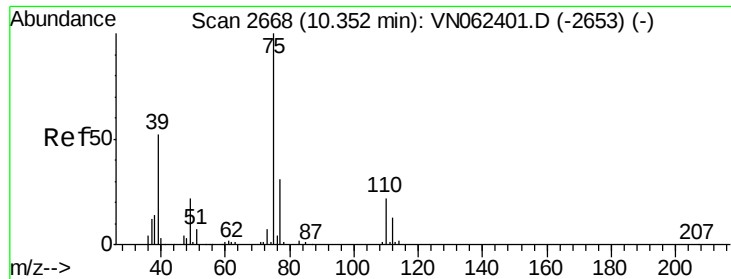
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.724 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampled :

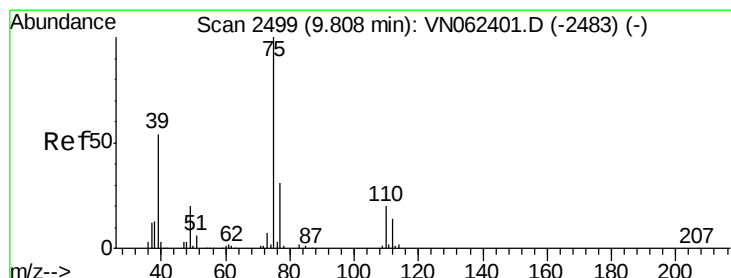
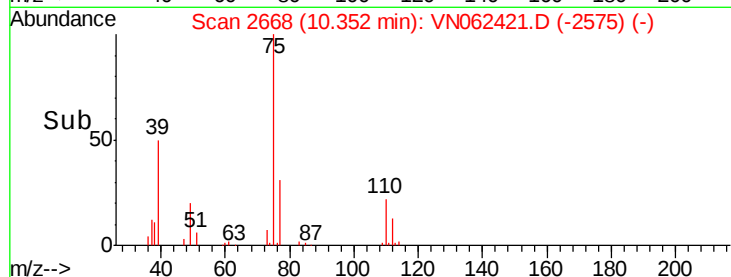
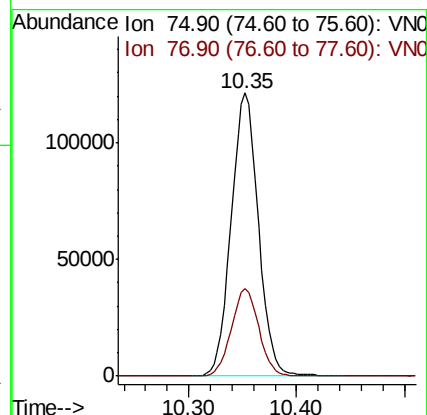
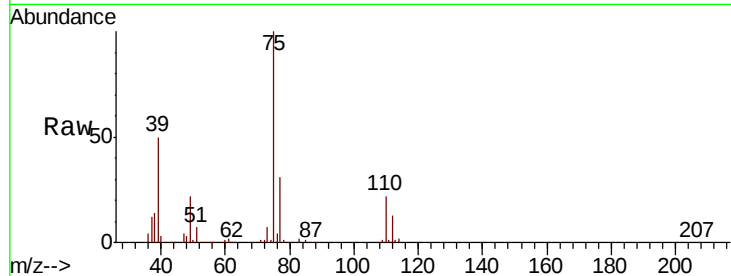
VSTDCCC050

Tot Ion: 75 Resp: 213524

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.011 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

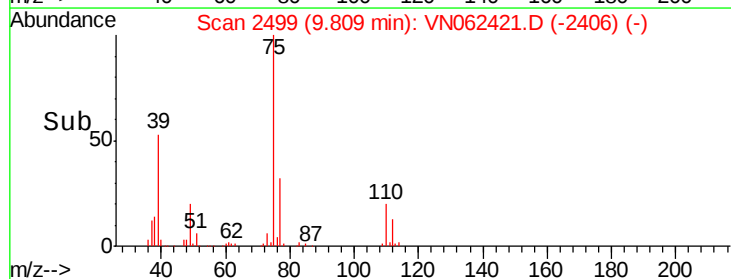
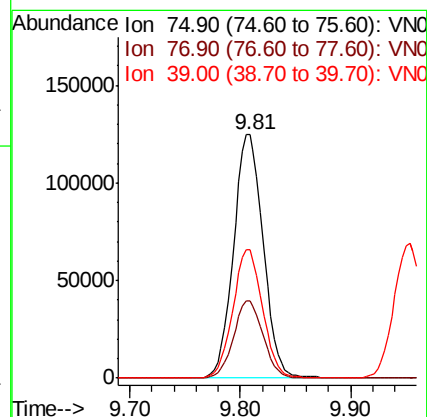
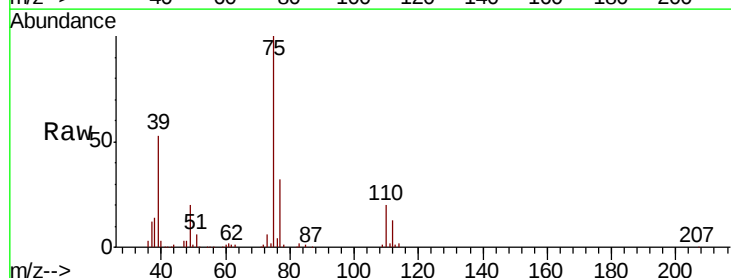
Tgt Ion: 75 Resp: 232464

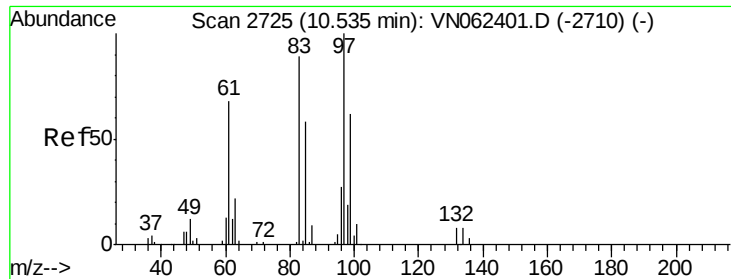
Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7

39 52.6 43.4 65.0

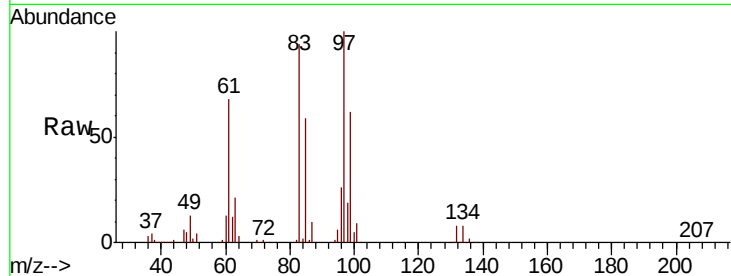




#55
 1,1,2-Trichloroethane
 Concen: 53.312 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	122674
Ion	Ratio	Lower	Upper
97	100		
83	93.7	71.0	106.4
85	59.3	46.2	69.4
99	61.9	49.7	74.5



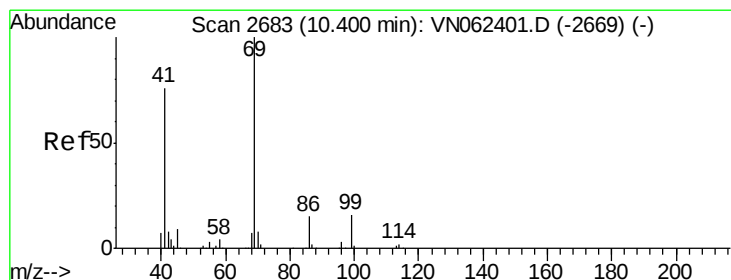
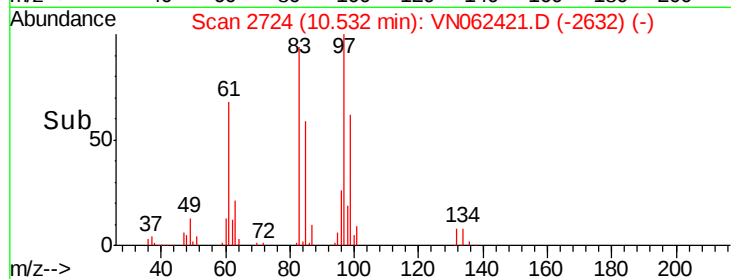
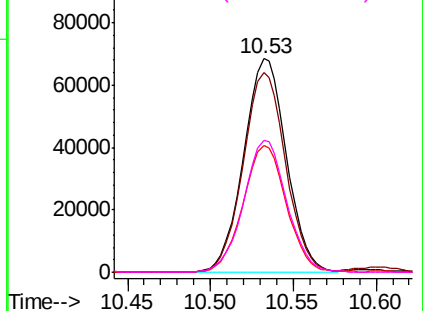
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

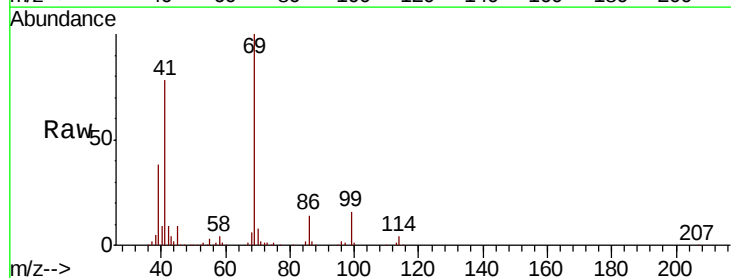
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 49.733 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion:	69	Resp:	210565
Ion	Ratio	Lower	Upper
69	100		
41	76.2	59.7	89.5
39	38.4	30.6	45.8

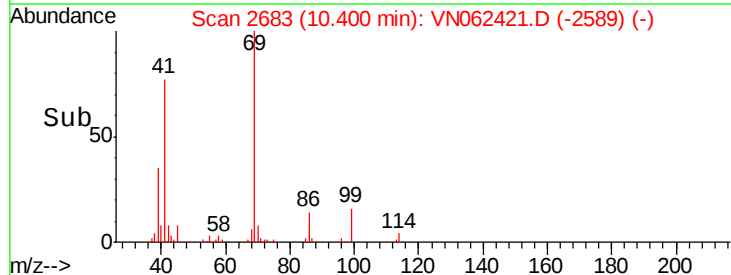
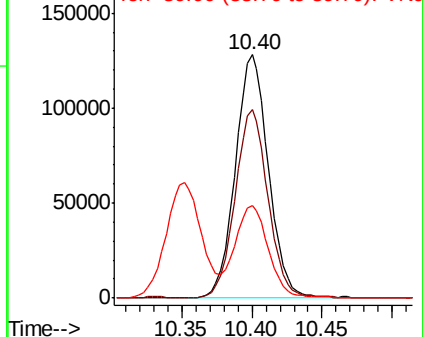


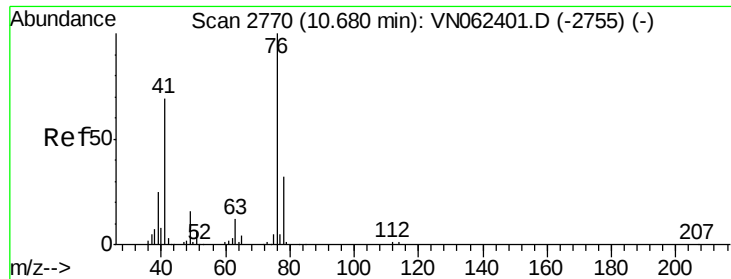
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

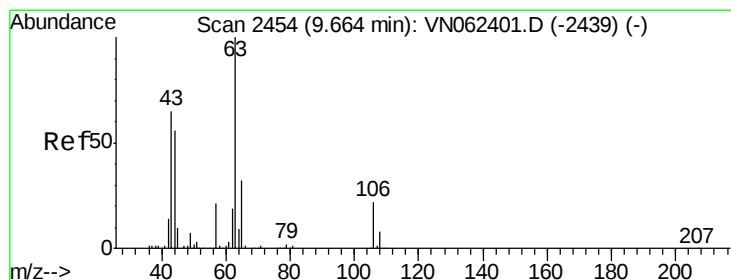
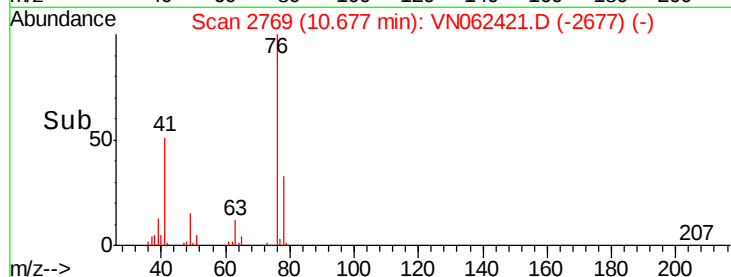
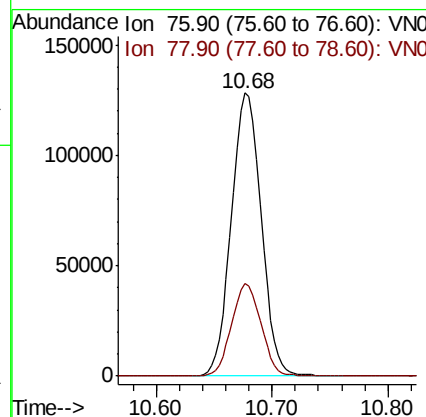
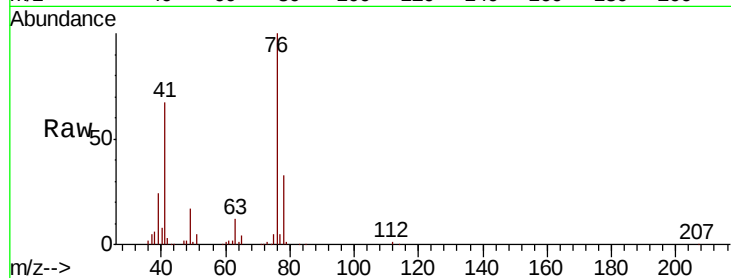




#57
 1,3-Dichloropropane
 Concen: 53.862 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

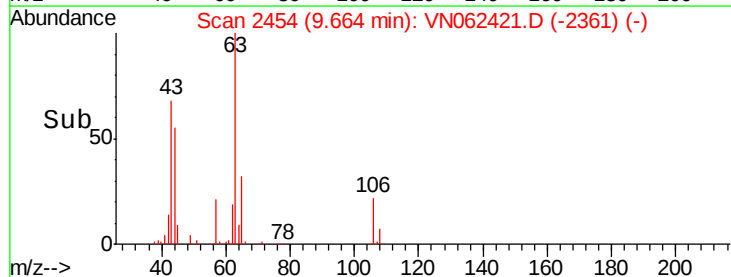
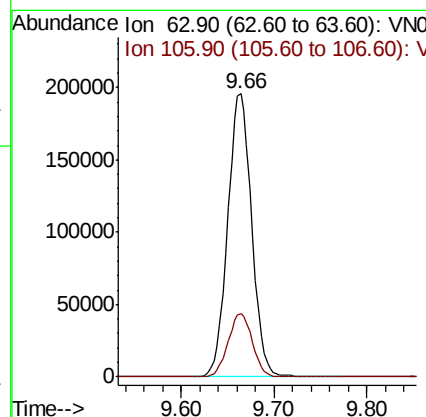
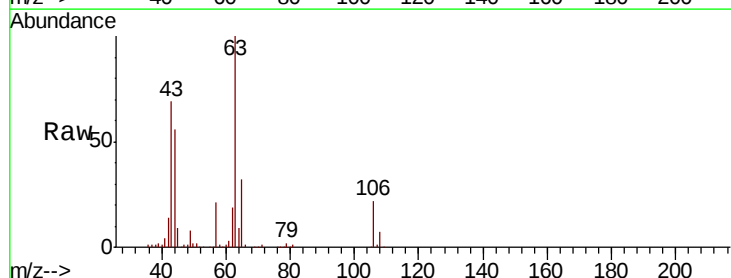
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

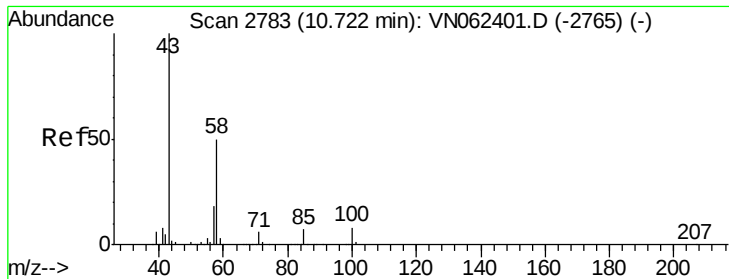
Tot Ion: 76 Resp: 228977
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.415 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 63 Resp: 350039
 Ion Ratio Lower Upper
 63 100
 106 22.6 17.6 26.4

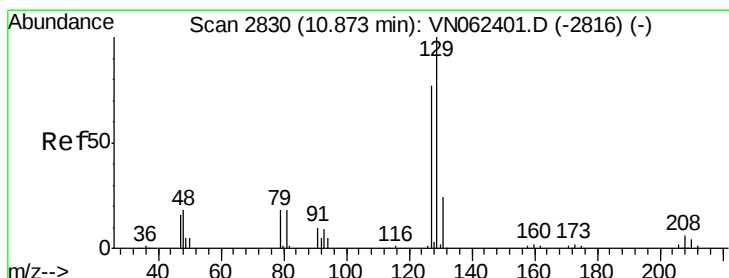
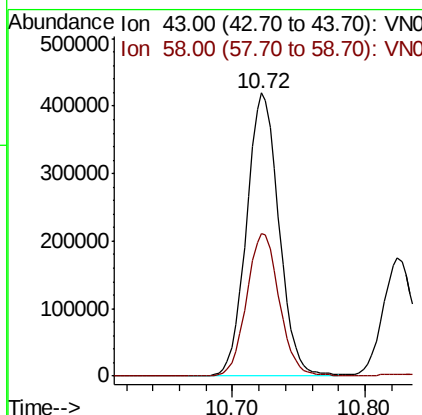
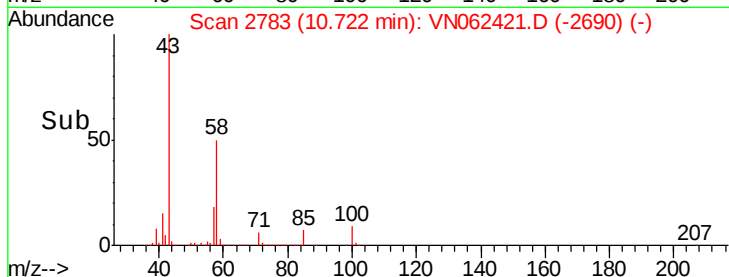
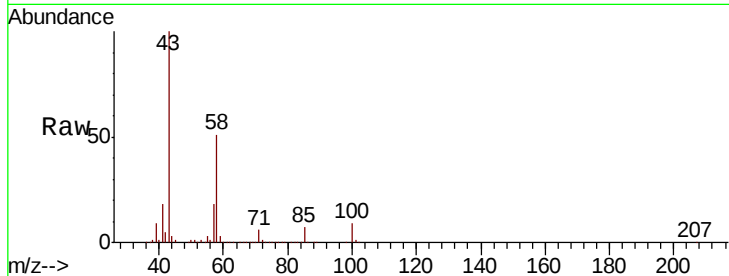




#59
2-Hexanone
Concen: 258.033 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

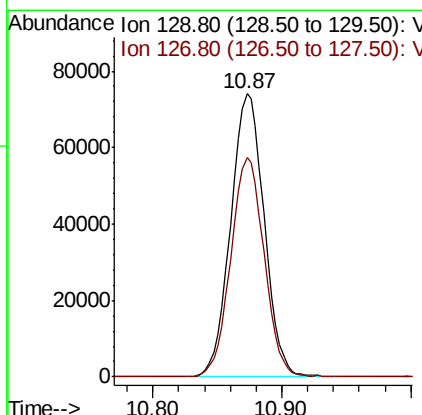
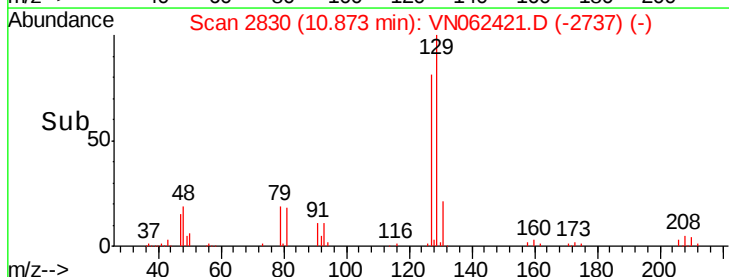
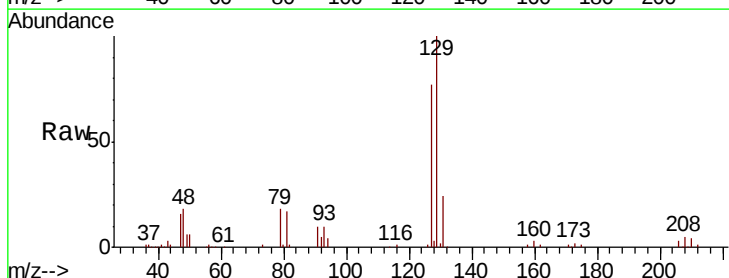
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

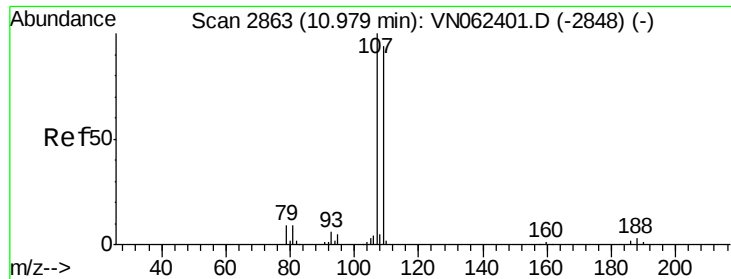
Tot Ion: 43 Resp: 710283
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.2



#60
Dibromochloromethane
Concen: 53.534 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 129 Resp: 133565
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

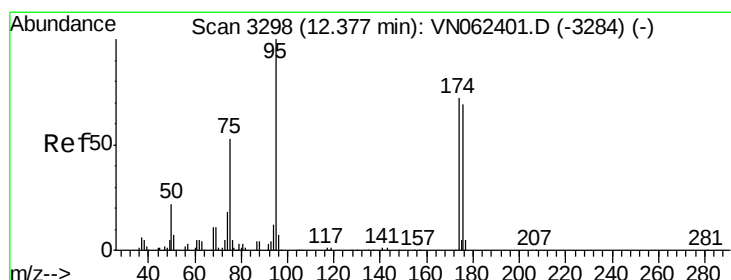
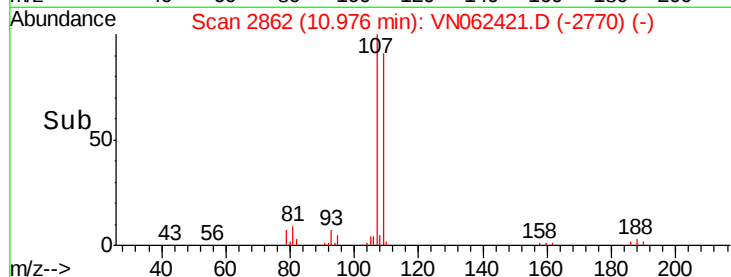
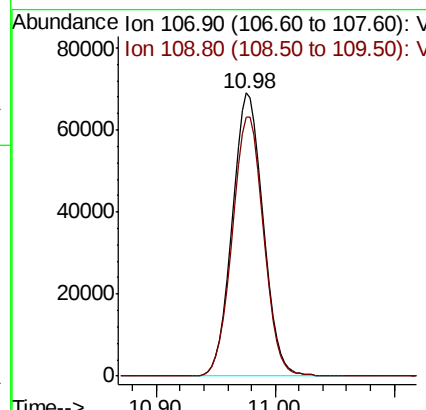
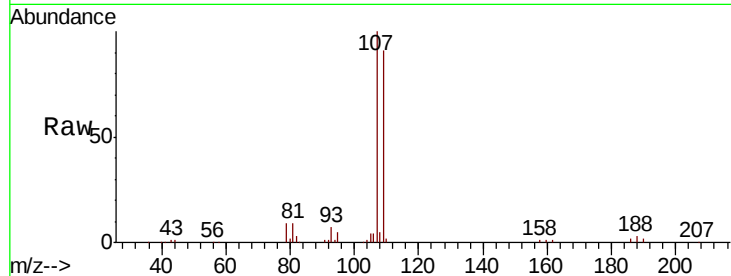




#61
 1,2-Dibromoethane
 Concen: 53.491 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

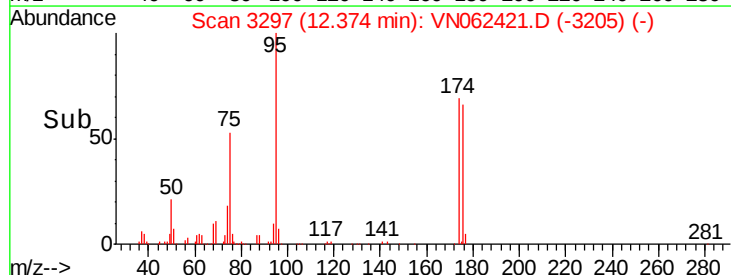
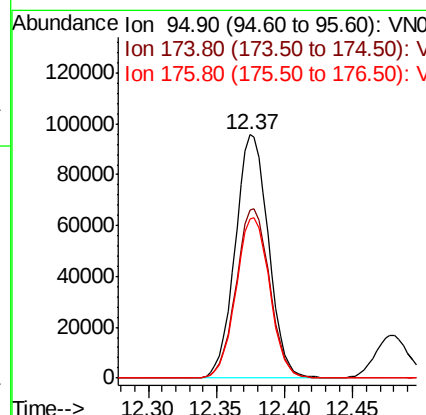
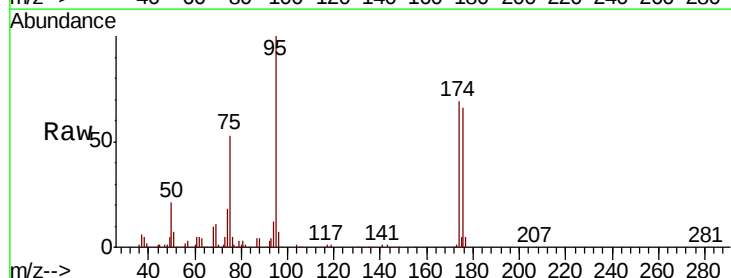
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

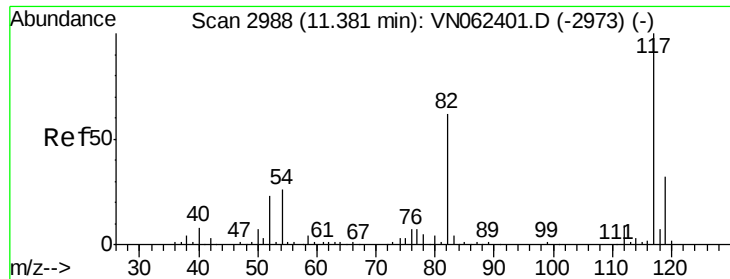
Tot Ion:107 Resp: 124251
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 53.310 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 95 Resp: 162164
 Ion Ratio Lower Upper
 95 100
 174 70.3 0.0 141.6
 176 67.0 0.0 137.2

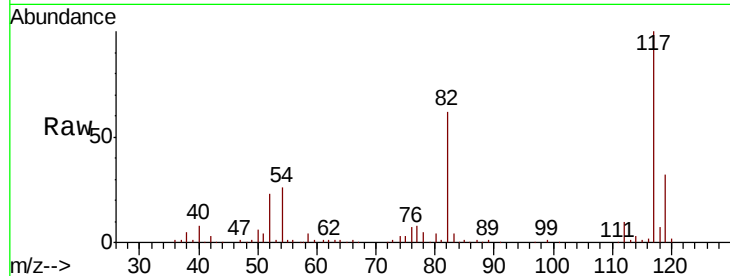




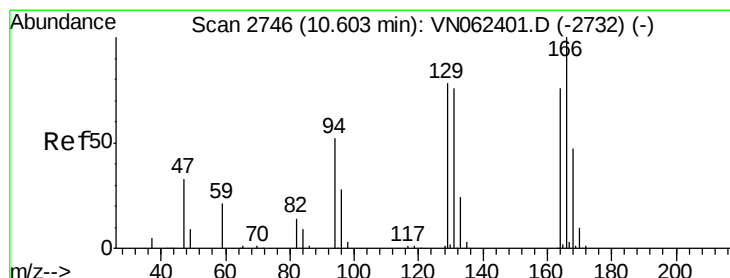
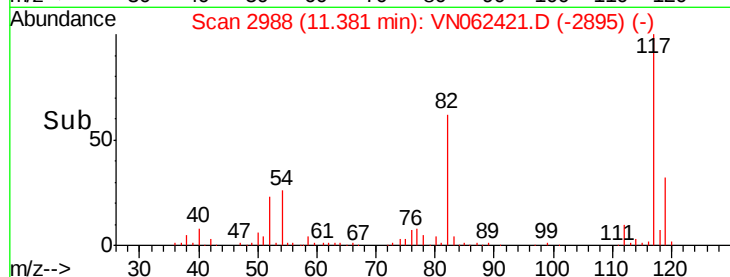
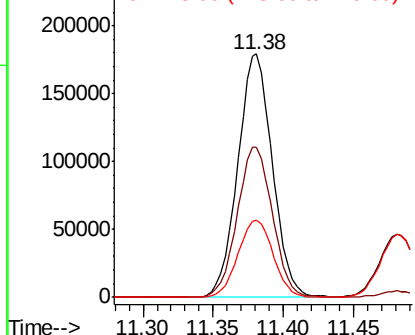
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 308451
Ion Ratio Lower Upper
117 100
82 61.9 49.6 74.4
119 31.8 25.4 38.0



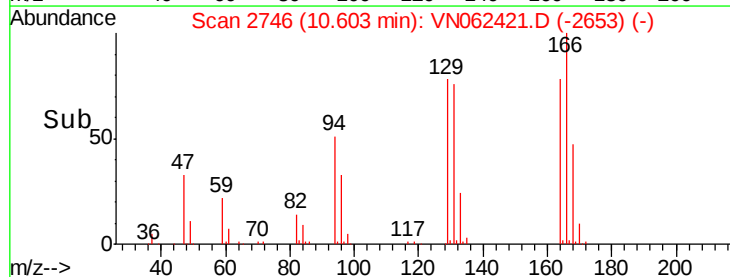
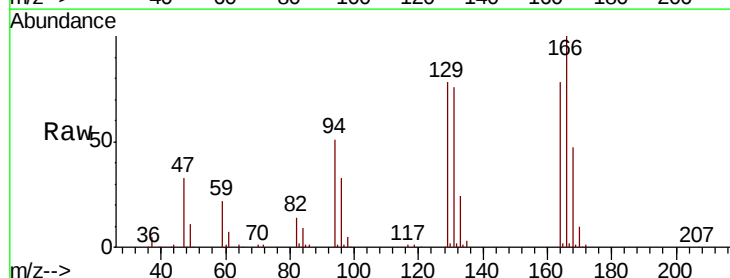
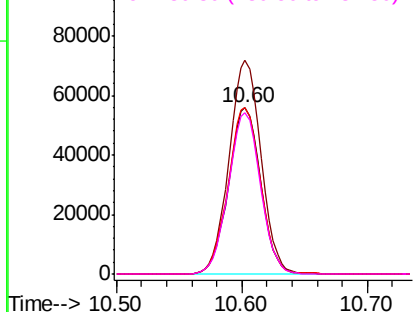
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

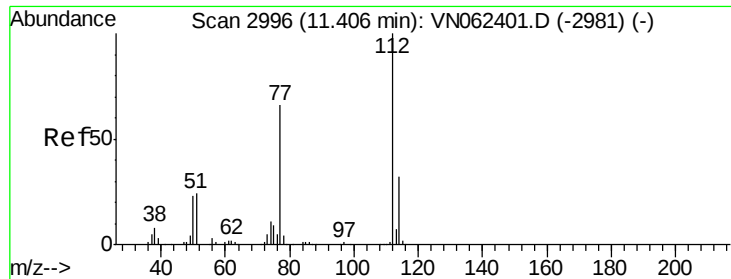


#64
Tetrachloroethene
Concen: 54.120 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion:164 Resp: 99059
Ion Ratio Lower Upper
164 100
166 128.5 104.9 157.3
129 100.4 81.8 122.6
131 97.4 79.3 118.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 54.028 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

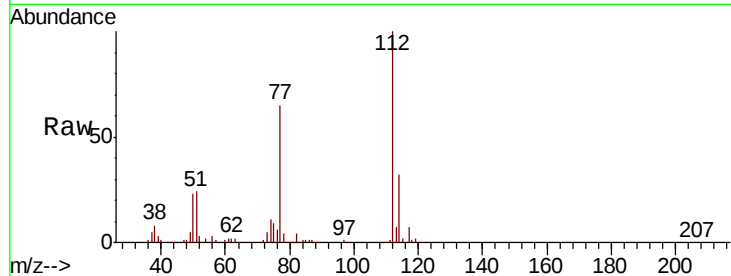
VSTDCCC050

Tot Ion:112 Resp: 323890

Ion Ratio Lower Upper

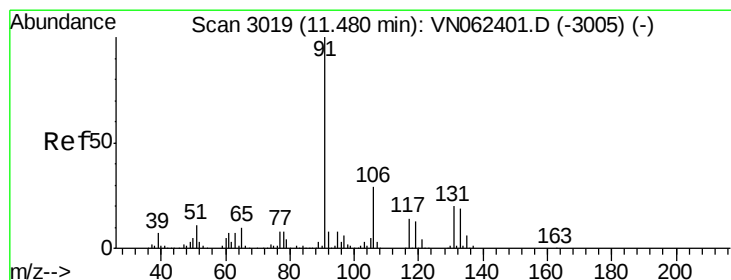
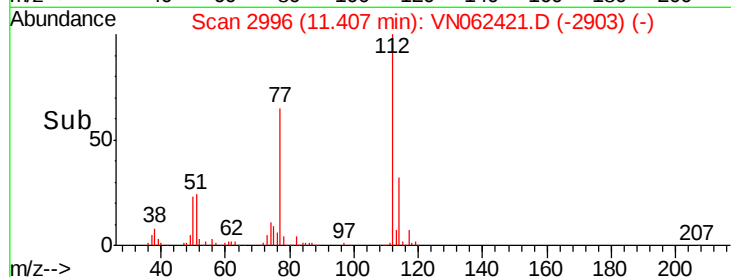
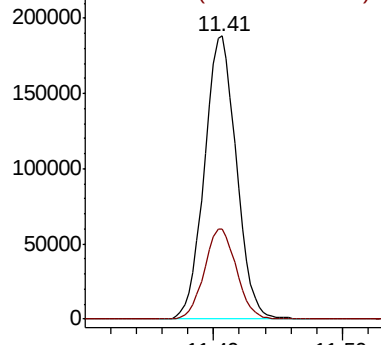
112 100

114 31.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.366 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

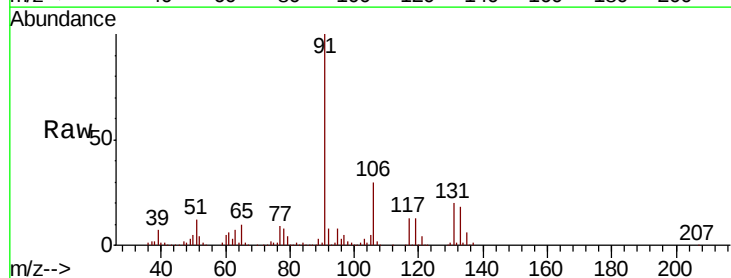
Tgt Ion:131 Resp: 120187

Ion Ratio Lower Upper

131 100

133 93.9 46.9 140.8

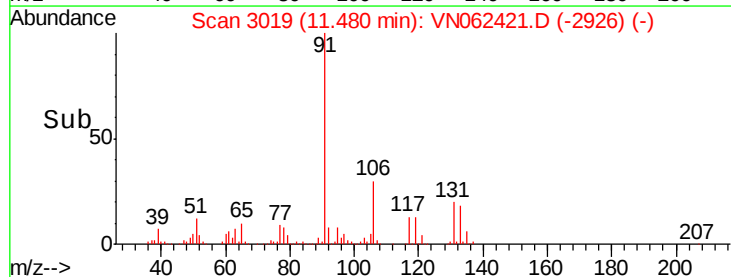
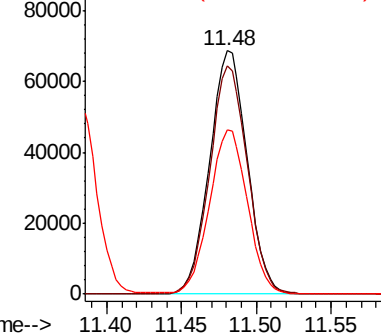
119 68.2 33.2 99.6

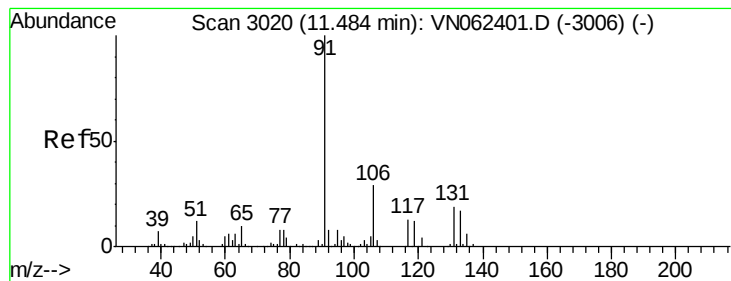


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.723 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

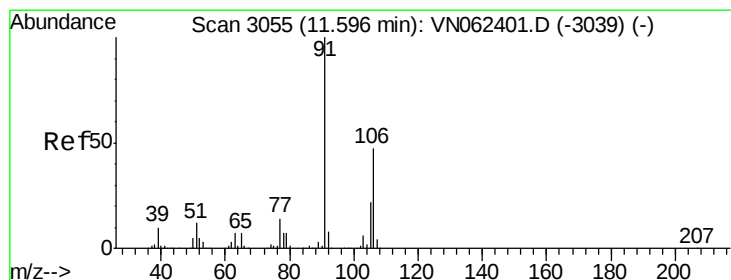
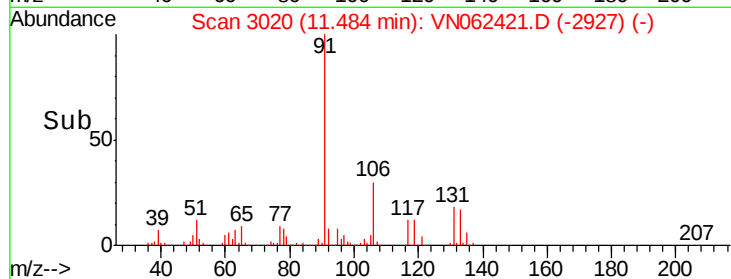
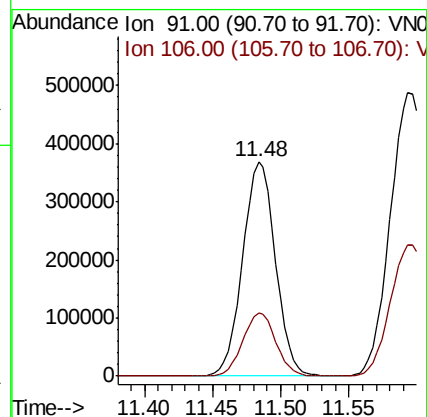
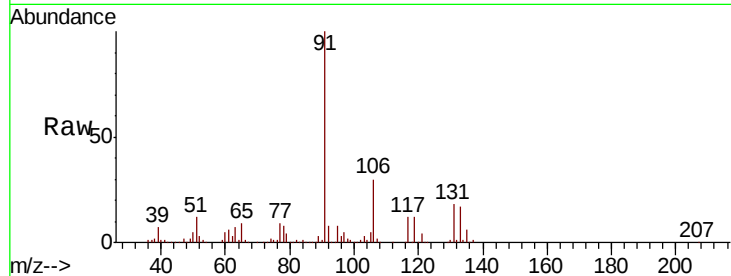
VSTDCCC050

Tot Ion: 91 Resp: 615790

Ion Ratio Lower Upper

91 100

106 29.7 23.4 35.2



#68

m/p-Xylenes

Concen: 112.186 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062421.D

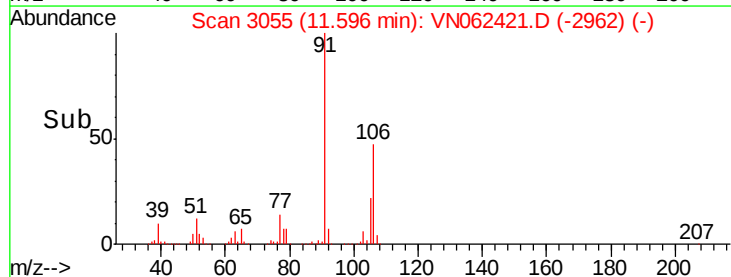
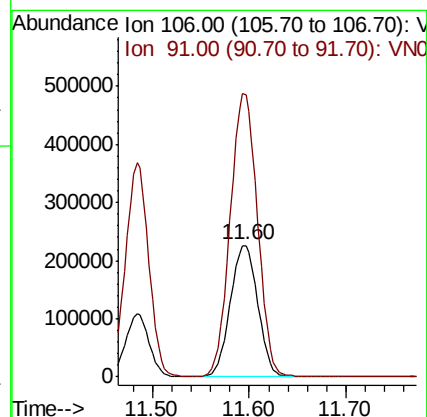
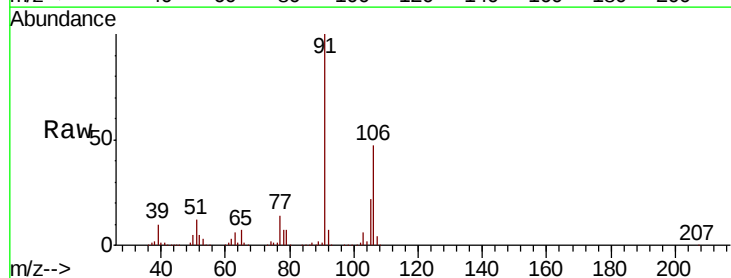
Acq: 8 Jul 2020 21:33

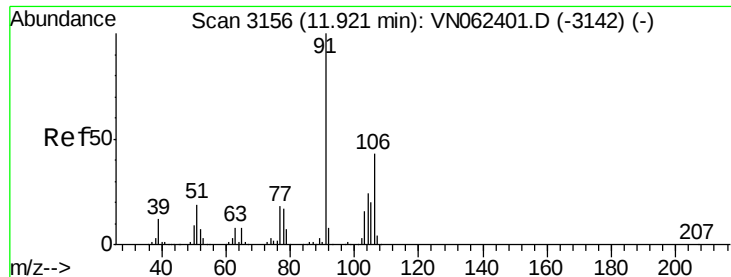
Tgt Ion: 106 Resp: 446901

Ion Ratio Lower Upper

106 100

91 213.3 172.4 258.6

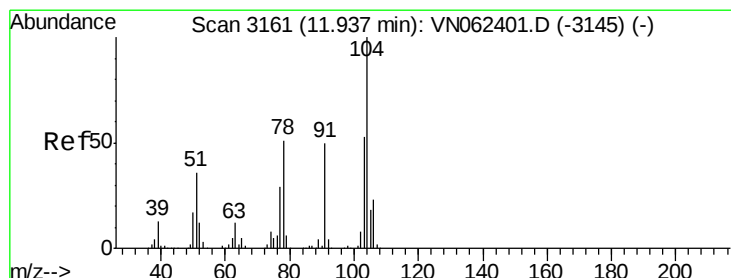
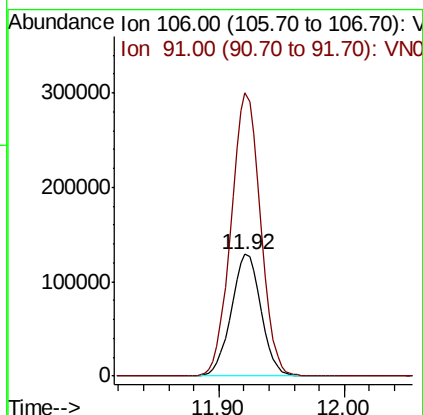
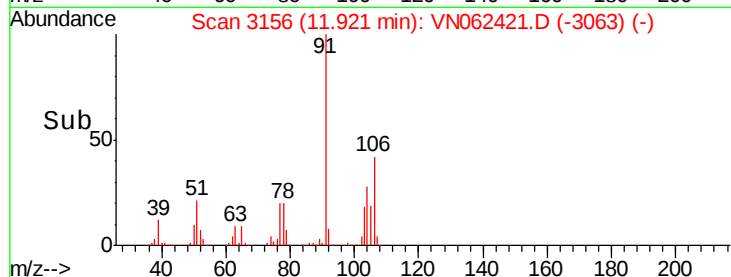
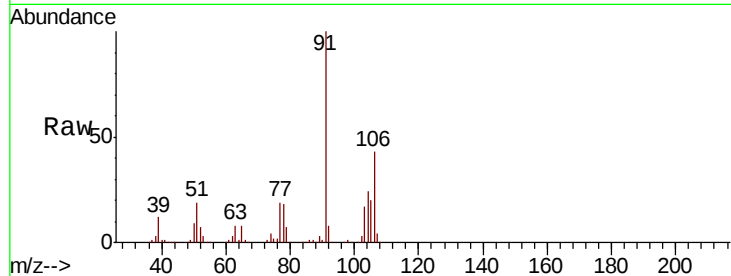




#69
o-Xylene
Concen: 54.763 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

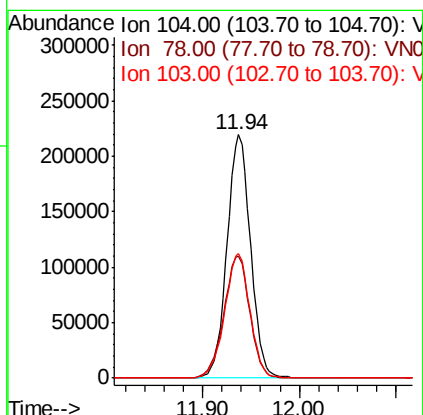
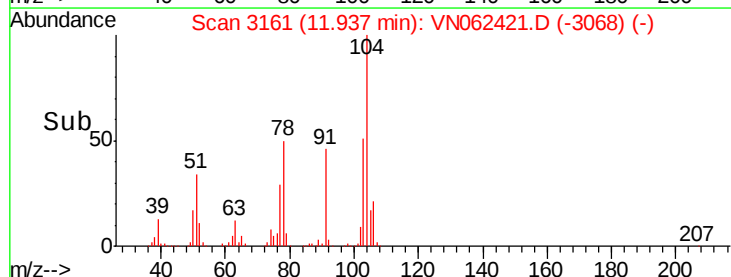
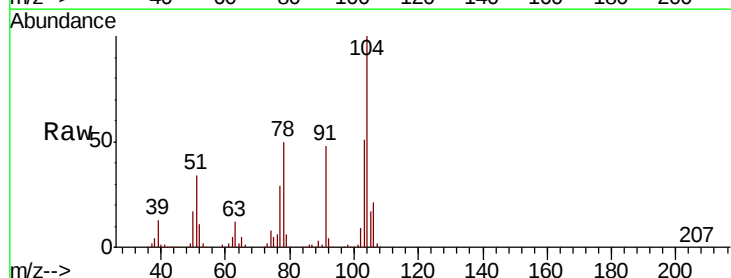
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

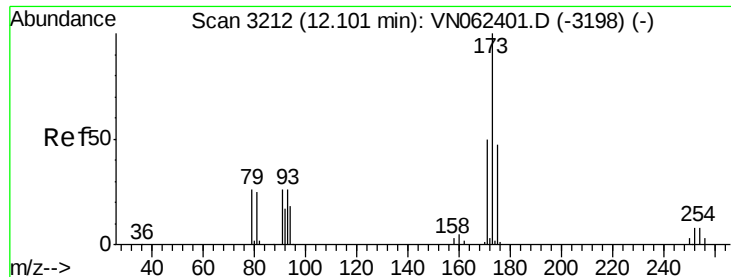
Tot Ion:106 Resp: 212402
Ion Ratio Lower Upper
106 100
91 230.0 113.8 341.4



#70
Styrene
Concen: 57.897 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion:104 Resp: 371126
Ion Ratio Lower Upper
104 100
78 55.1 44.2 66.4
103 54.7 44.4 66.6





#71

Bromoform

Concen: 55.559 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

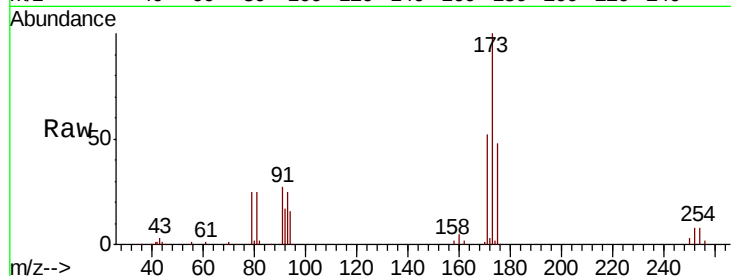
Tot Ion:173 Resp: 90039

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

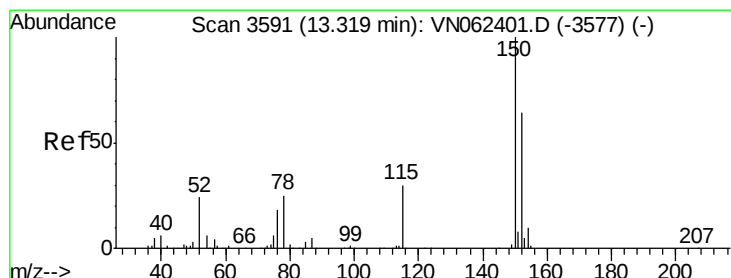
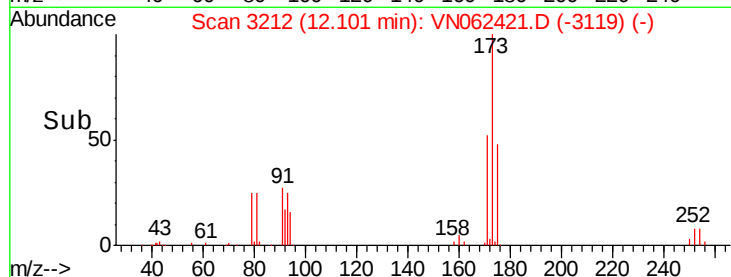
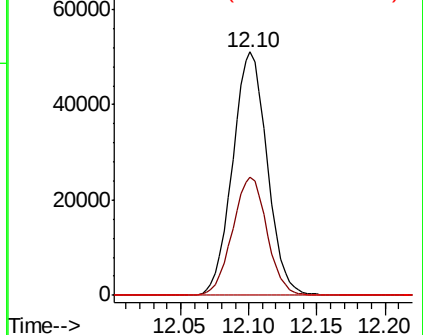
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

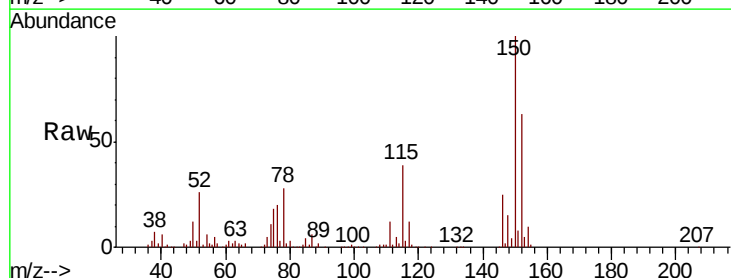
Tgt Ion:152 Resp: 142708

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

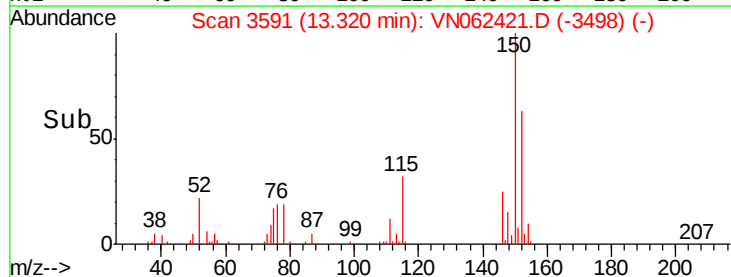
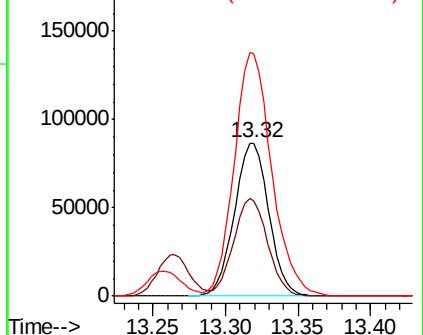
150 173.6 0.0 347.4

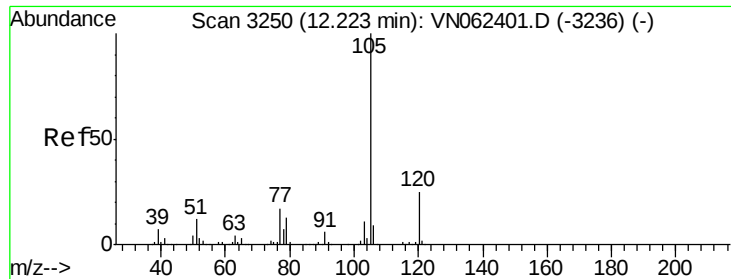


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.526 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

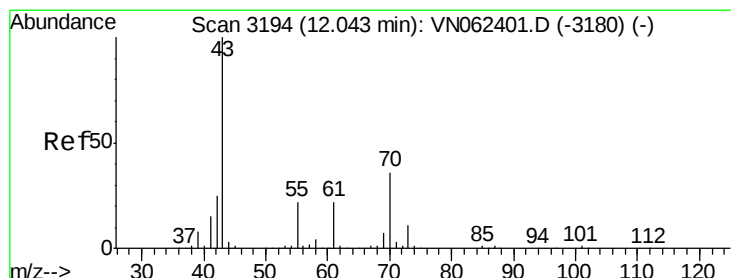
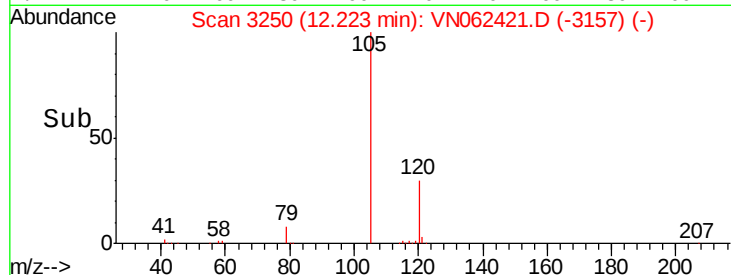
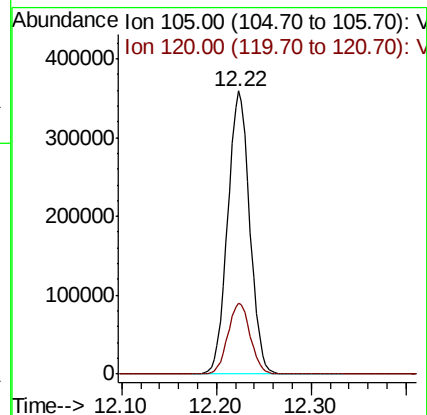
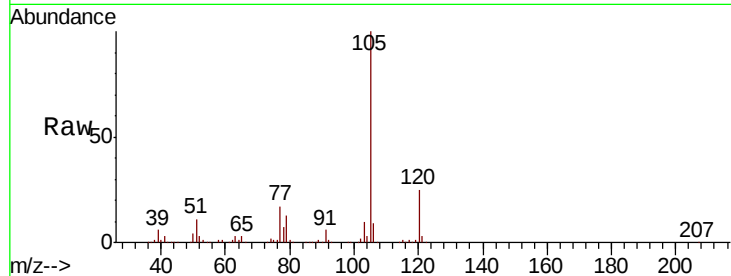
VSTDCCC050

Tot Ion:105 Resp: 580049

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.1



#74

N-ethyl acetate

Concen: 54.410 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Tgt Ion: 43 Resp: 292452

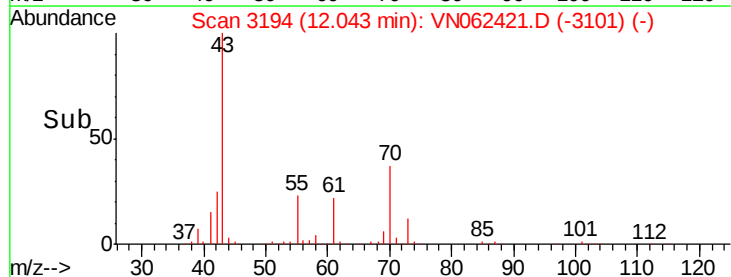
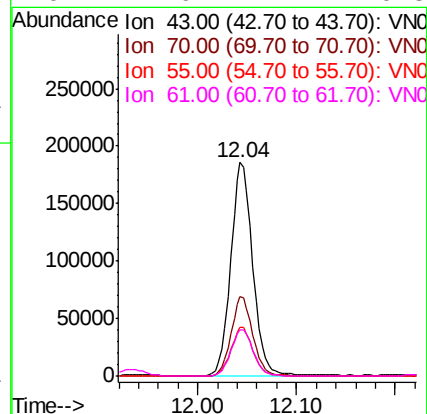
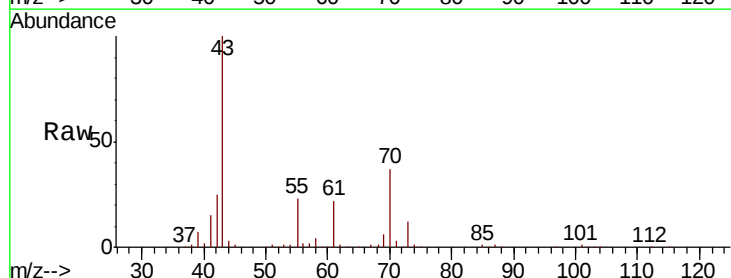
Ion Ratio Lower Upper

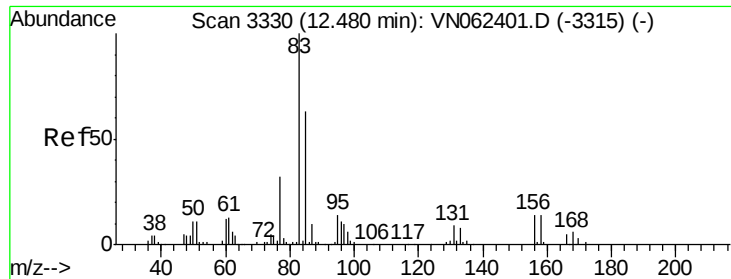
43 100

70 36.2 30.0 45.0

55 22.7 18.2 27.4

61 21.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.651 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

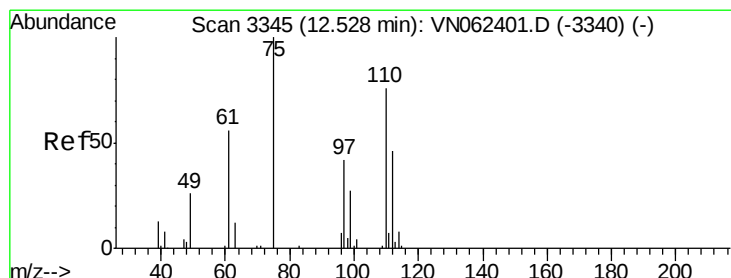
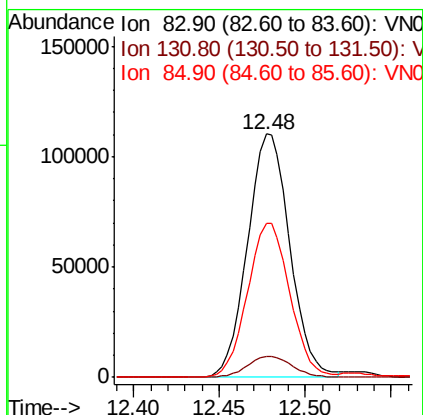
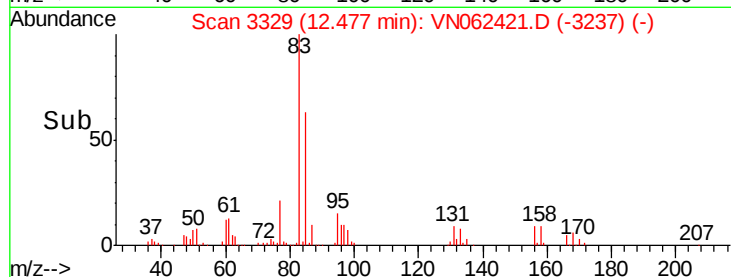
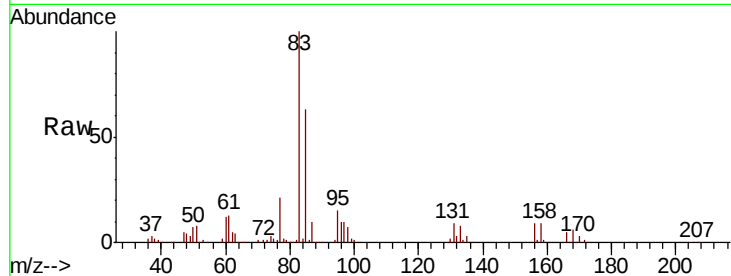
Tot Ion: 83 Resp: 188070

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.5

85 63.1 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 69.990 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062421.D

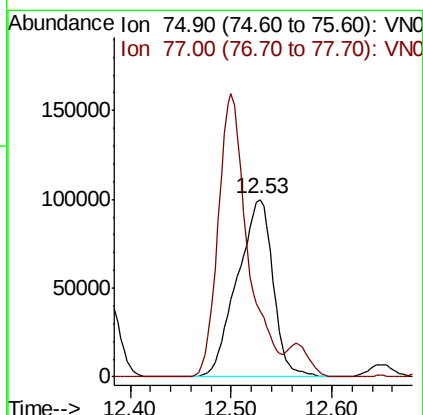
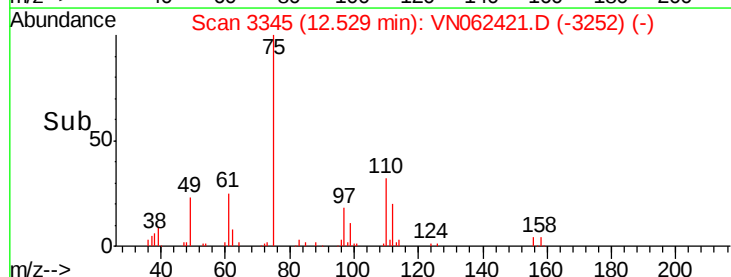
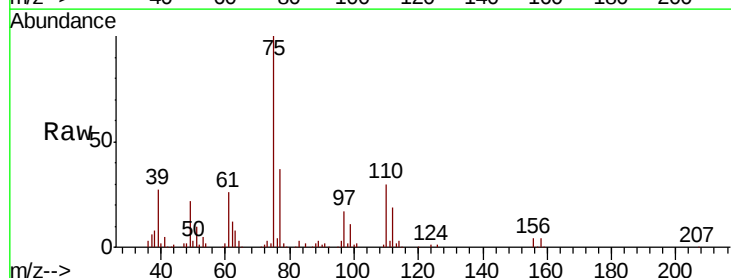
Acq: 8 Jul 2020 21:33

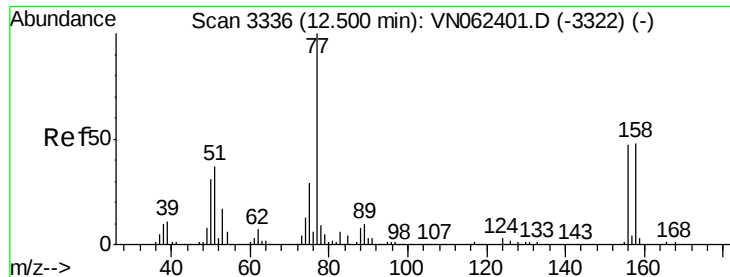
Tgt Ion: 75 Resp: 245074

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.671 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

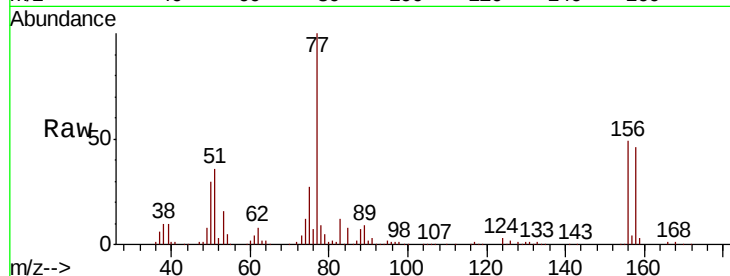
Tot Ion:156 Resp: 132233

Ion Ratio Lower Upper

156 100

77 247.2 126.4 379.3

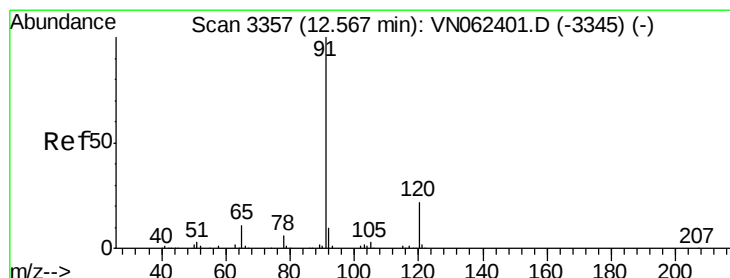
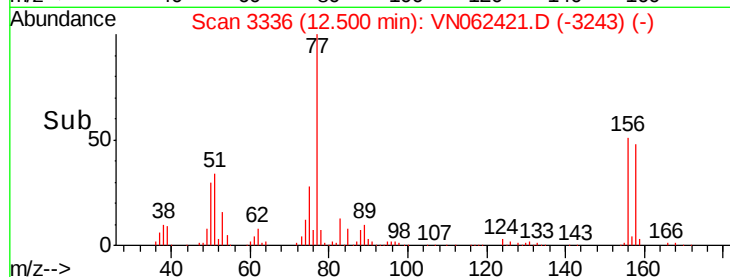
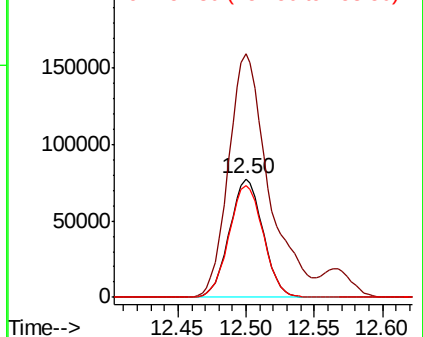
158 97.0 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.156 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062421.D

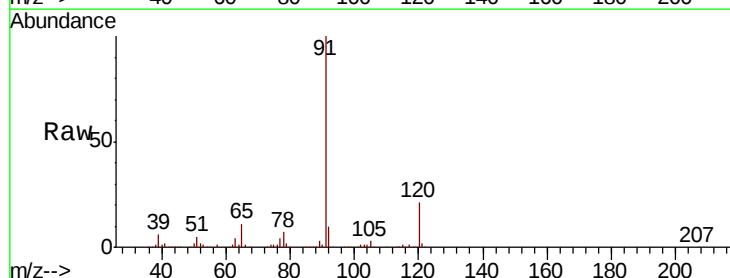
Acq: 8 Jul 2020 21:33

Tgt Ion: 91 Resp: 698587

Ion Ratio Lower Upper

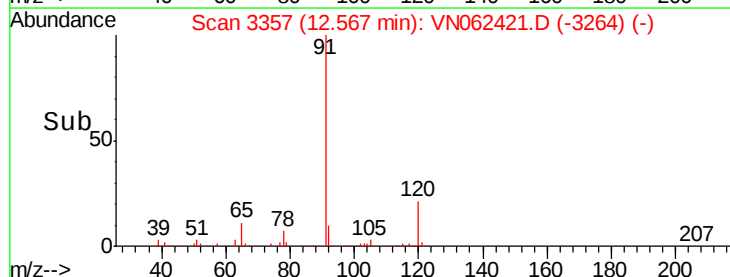
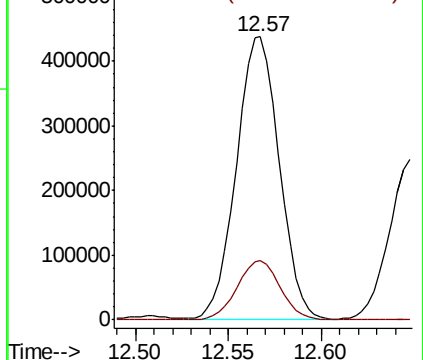
91 100

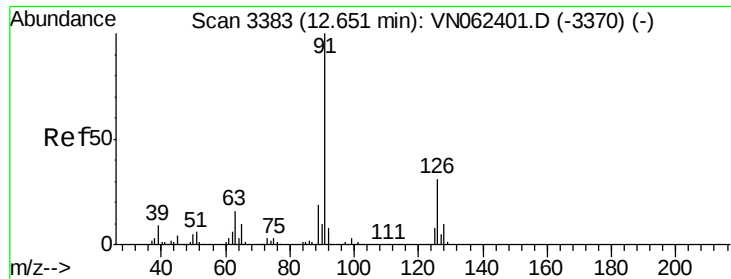
120 21.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

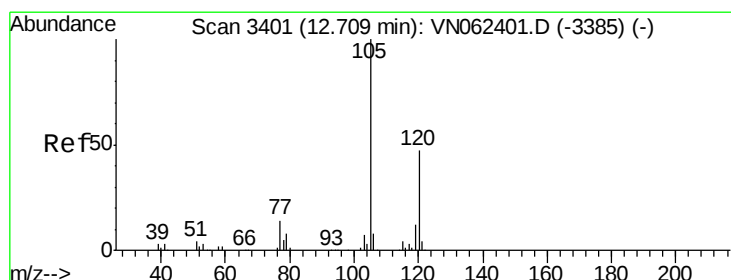
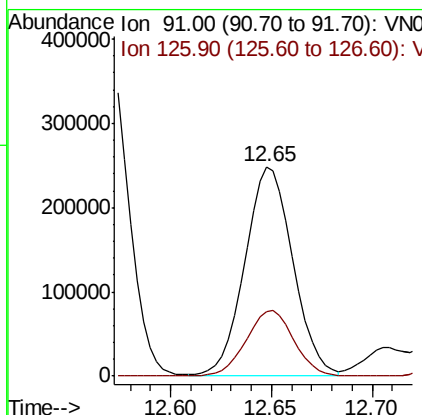
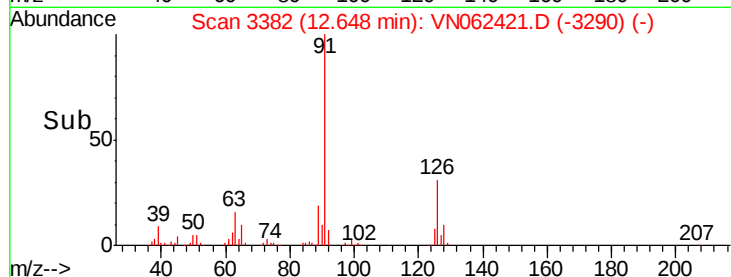
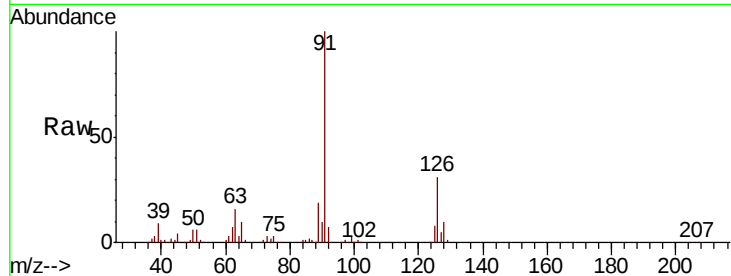




#79
2-Chlorotoluene
Concen: 52.310 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

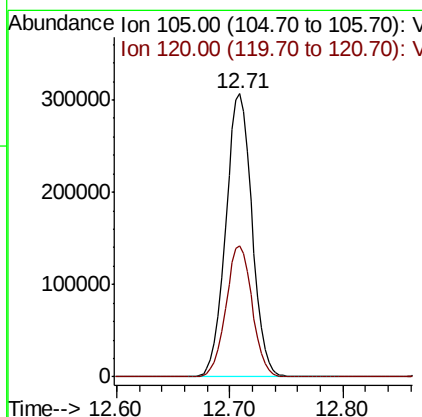
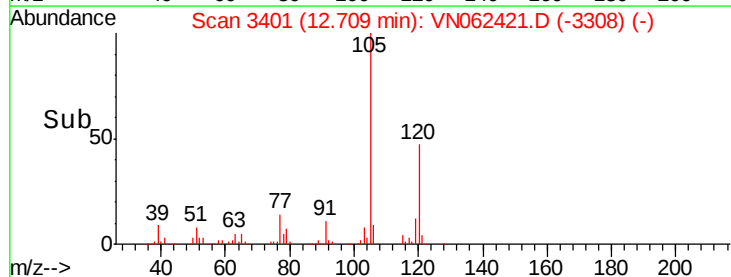
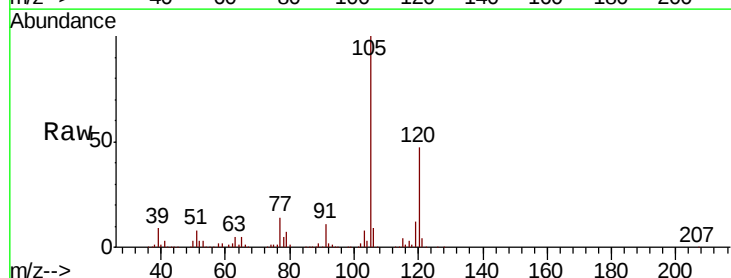
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

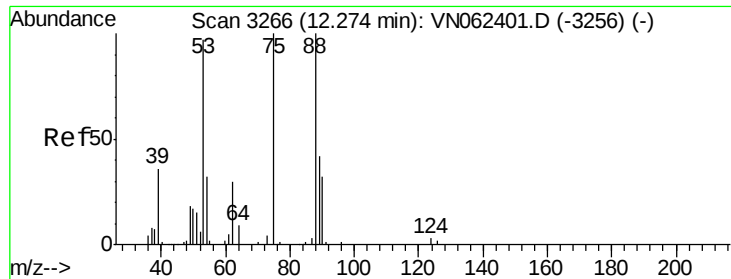
Tot Ion: 91 Resp: 409535
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 54.441 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 105 Resp: 492848
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.264 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

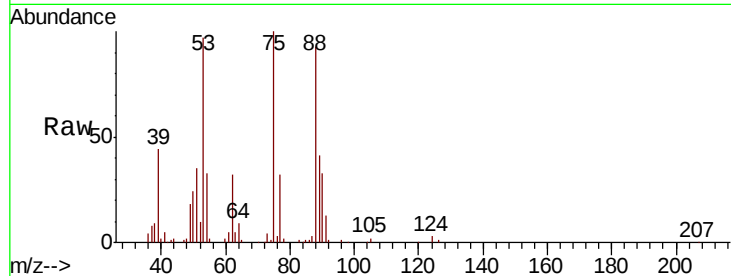
Tot Ion: 75 Resp: 64448

Ion Ratio Lower Upper

75 100

53 97.9 79.2 118.8

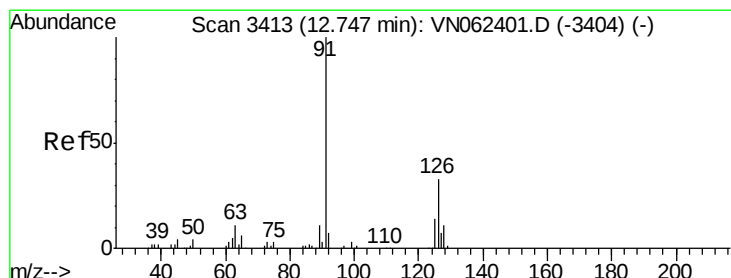
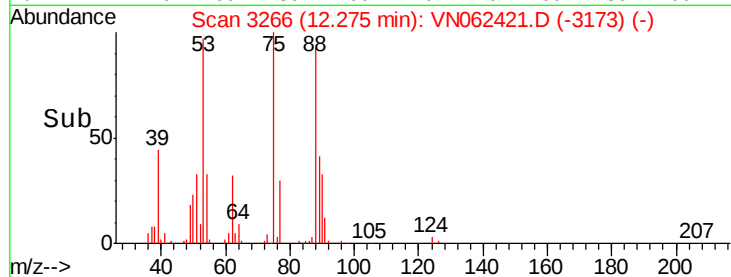
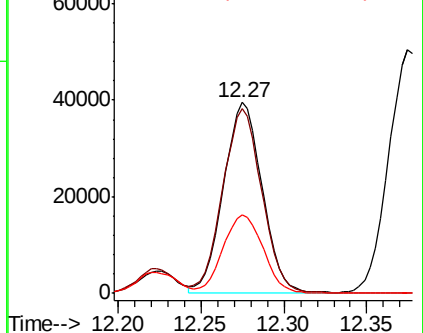
89 42.4 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062401.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062401.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 53.610 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062421.D

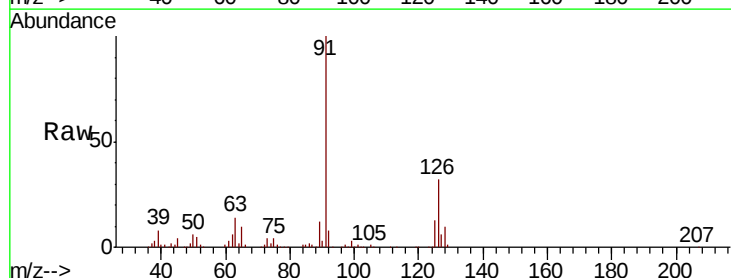
Acq: 8 Jul 2020 21:33

Tgt Ion: 91 Resp: 426100

Ion Ratio Lower Upper

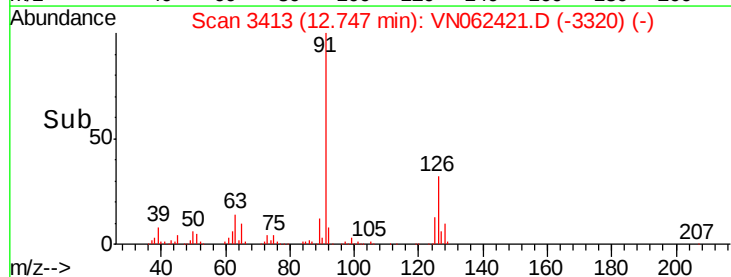
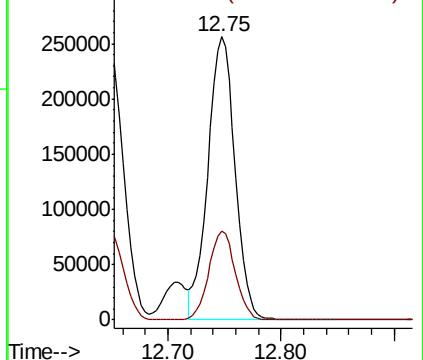
91 100

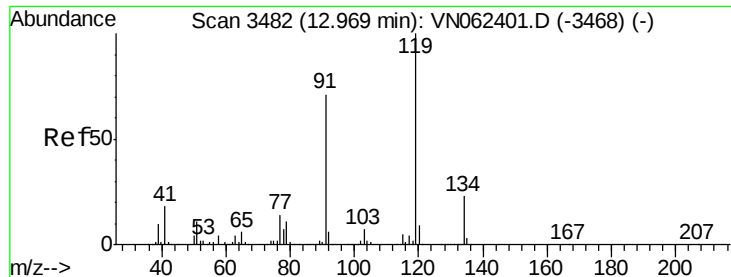
126 30.8 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3404) (-)

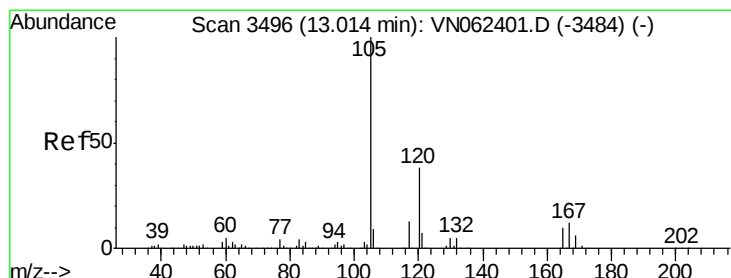
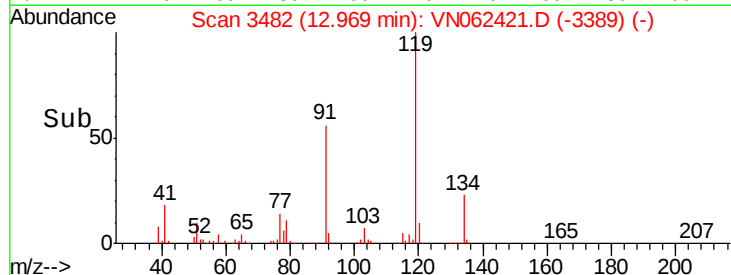
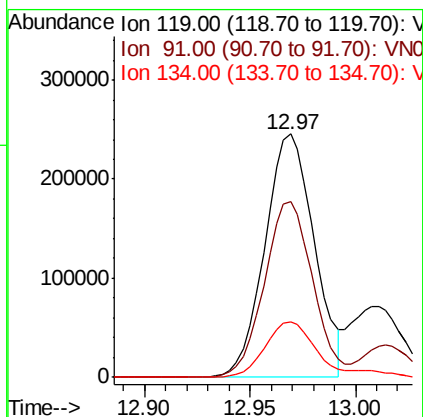
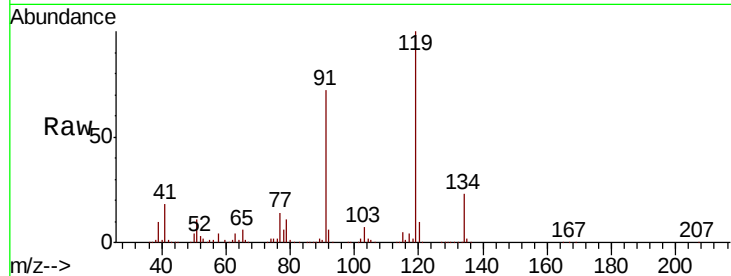




#83
tert-Butylbenzene
Concen: 52.048 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

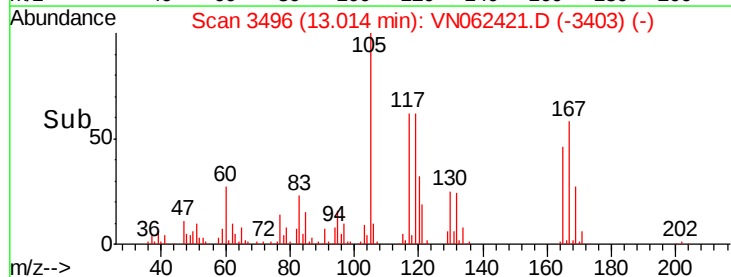
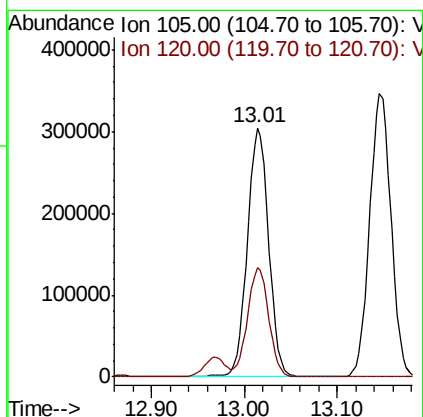
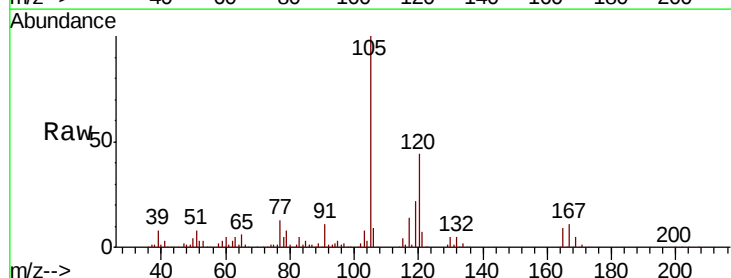
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

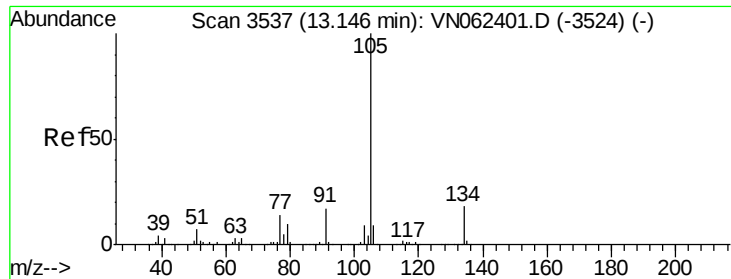
Tot Ion:119 Resp: 399856
Ion Ratio Lower Upper
119 100
91 71.3 34.8 104.3
134 23.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 53.977 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion:105 Resp: 485703
Ion Ratio Lower Upper
105 100
120 43.9 21.6 64.8





#85

sec-Butylbenzene

Concen: 54.401 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

Instrument :

MSVOA_N

ClientSampleId :

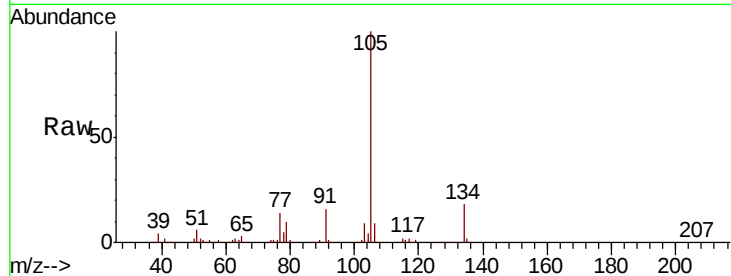
VSTDCCC050

Tot Ion:105 Resp: 553815

Ion Ratio Lower Upper

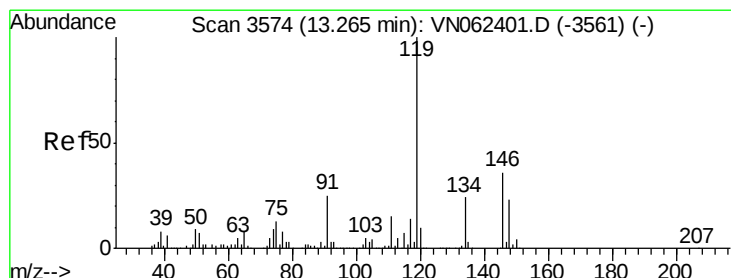
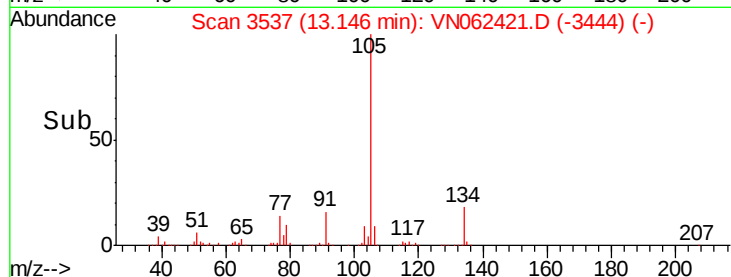
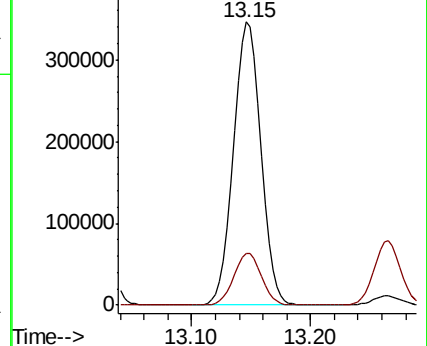
105 100

134 18.3 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.058 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062421.D

Acq: 8 Jul 2020 21:33

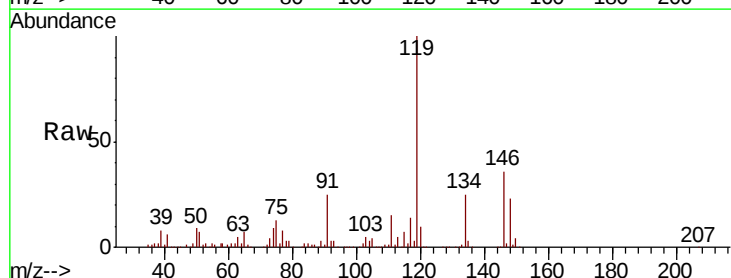
Tgt Ion:119 Resp: 483759

Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.0

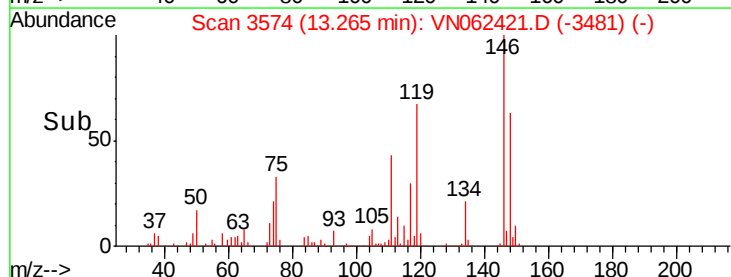
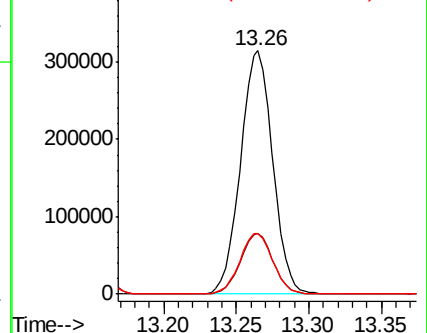
91 25.2 12.4 37.4

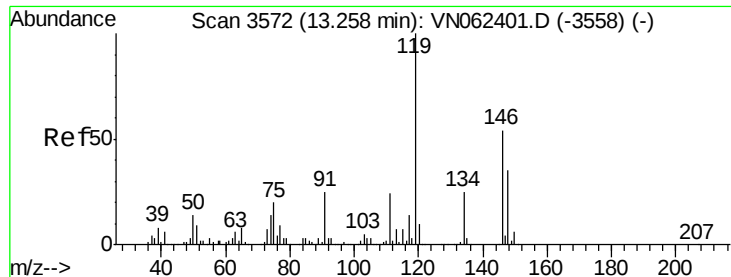


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

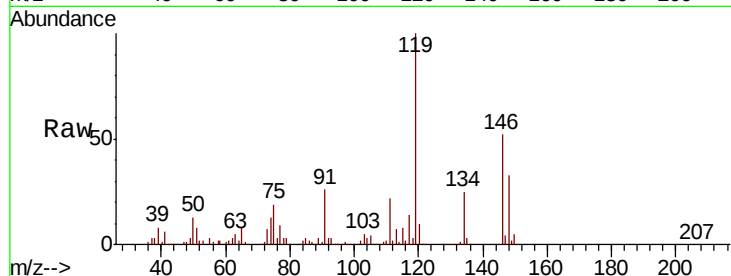




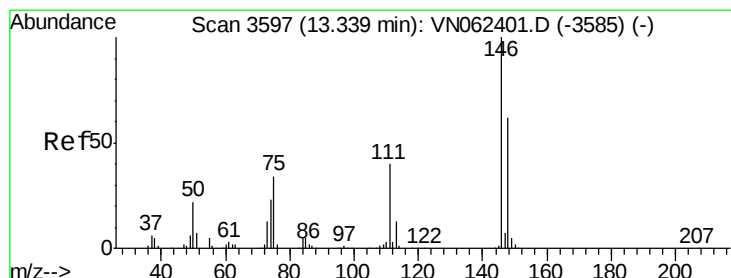
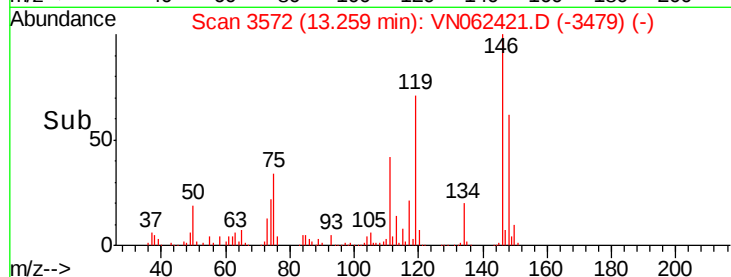
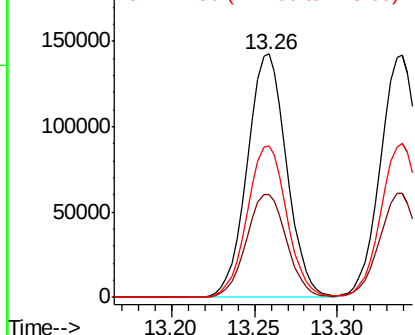
#87
 1,3-Dichlorobenzene
 Concen: 54.595 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 236452
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 62.5 32.2 96.6

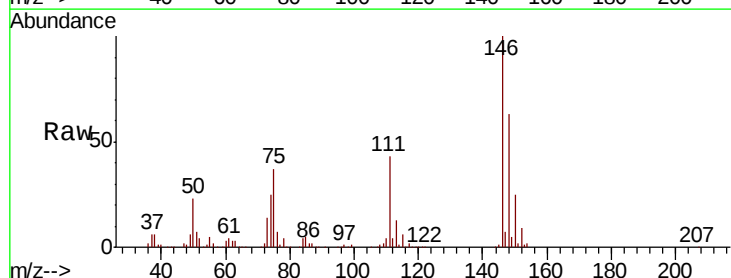


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

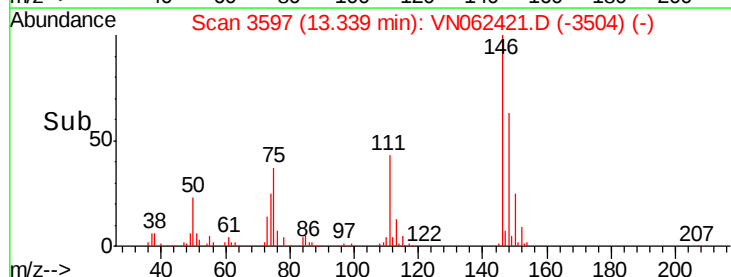
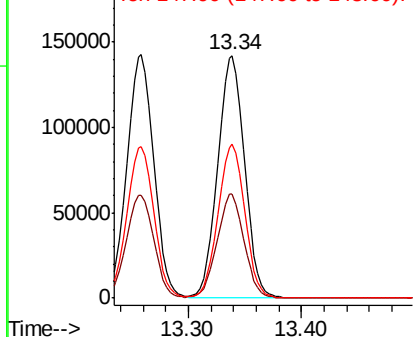


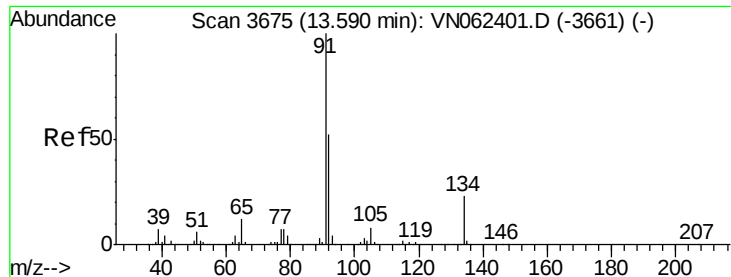
#88
 1,4-Dichlorobenzene
 Concen: 52.601 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion:146 Resp: 234413
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.1
 148 63.3 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

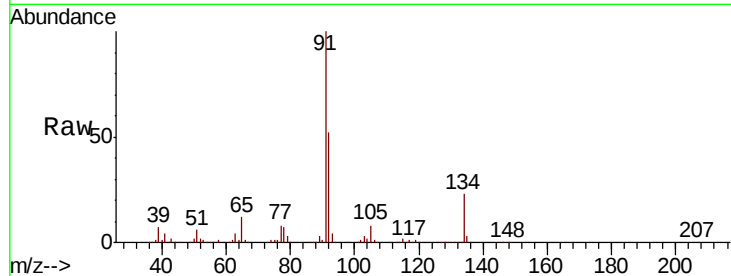




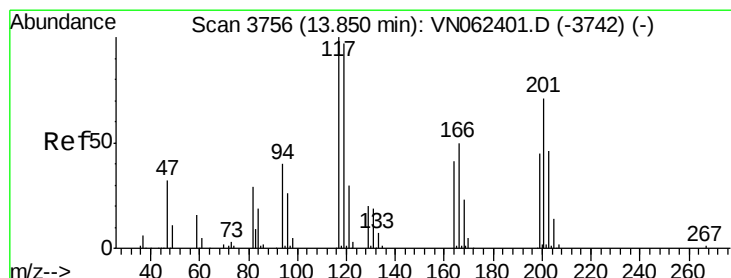
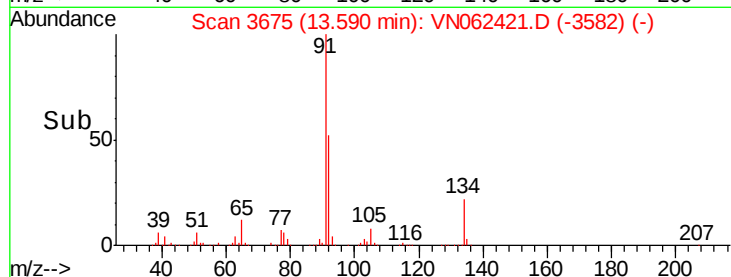
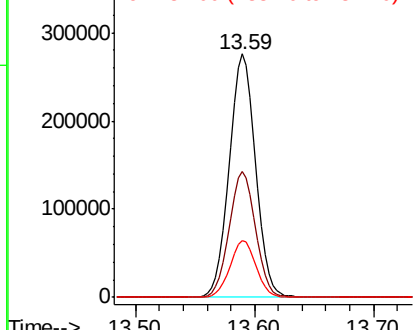
#89
n-Butylbenzene
Concen: 54.518 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 422958
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.7
134 23.1 11.6 34.8

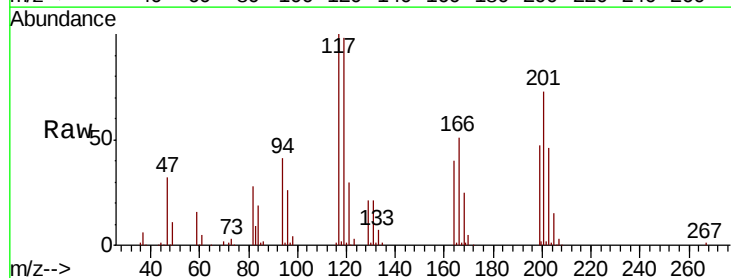


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

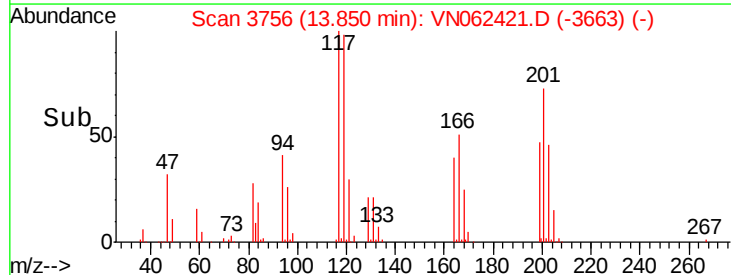
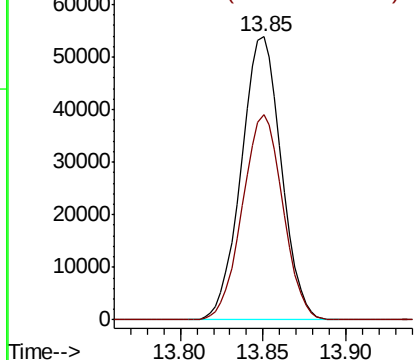


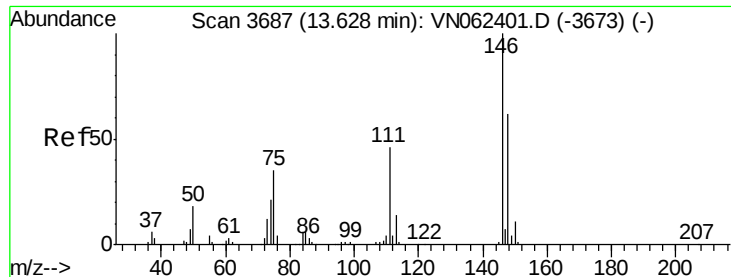
#90
Hexachloroethane
Concen: 52.425 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion: 117 Resp: 90610
Ion Ratio Lower Upper
117 100
201 73.4 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

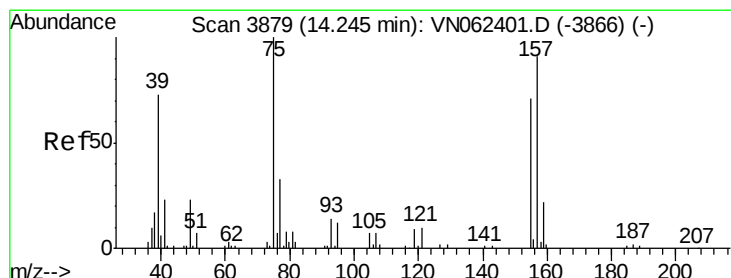
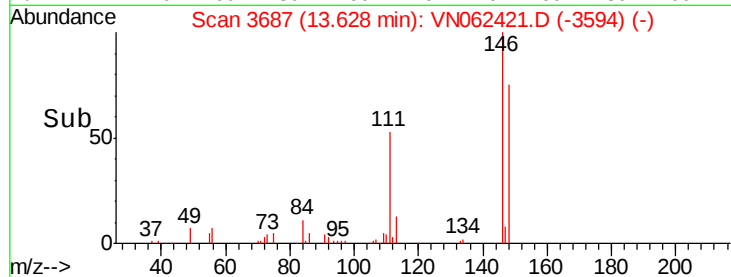
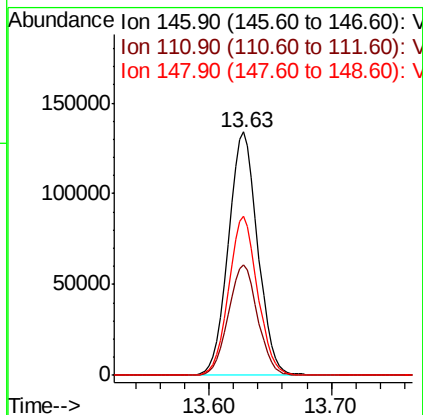
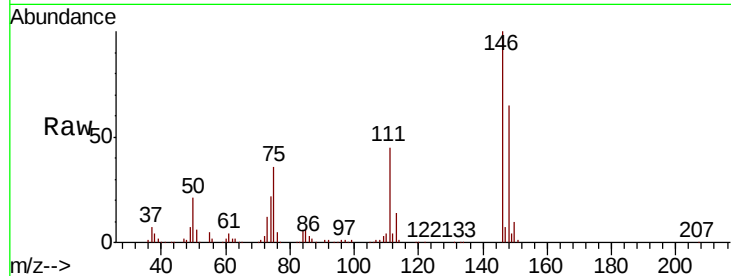




#91
 1,2-Dichlorobenzene
 Concen: 53.666 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

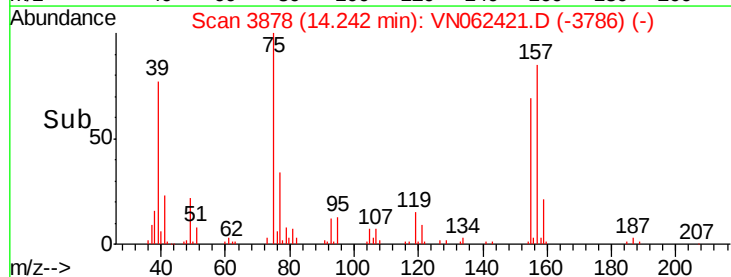
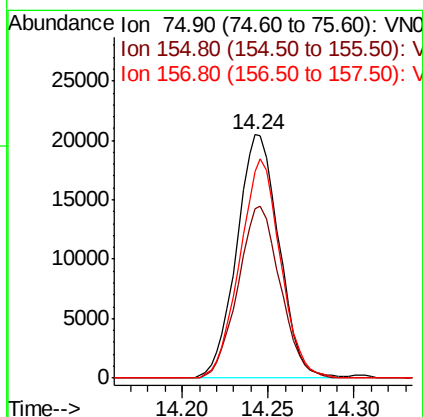
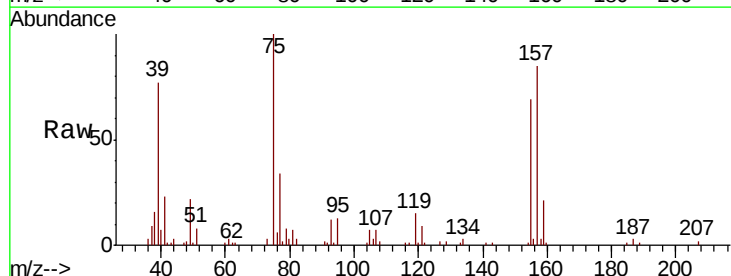
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

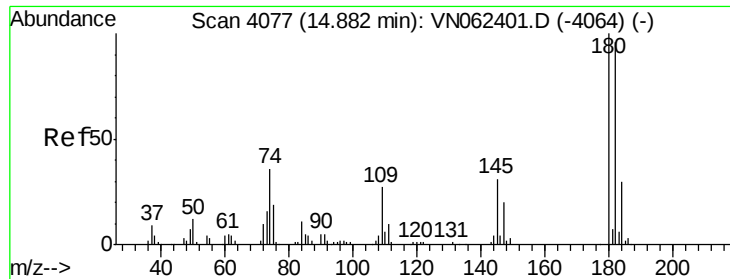
Tot Ion:146 Resp: 224729
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.5 67.5
 148 64.5 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.573 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion: 75 Resp: 34946
 Ion Ratio Lower Upper
 75 100
 155 70.3 35.2 105.6
 157 86.8 45.8 137.3

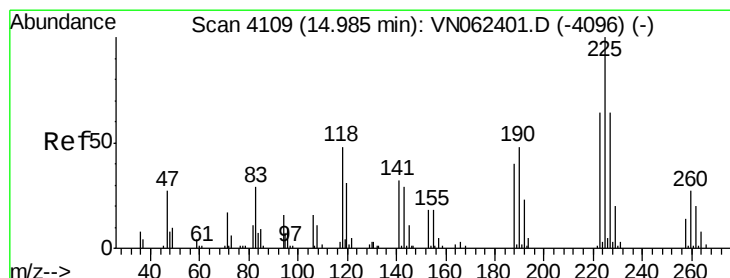
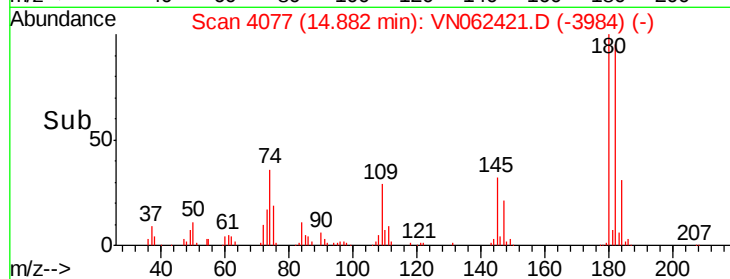
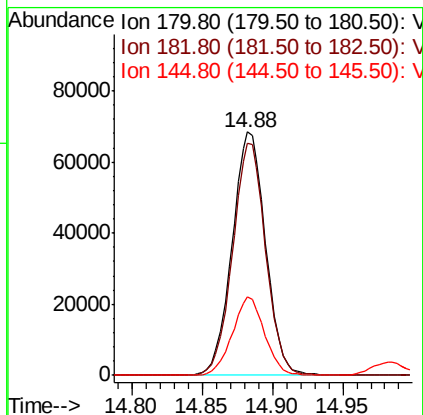
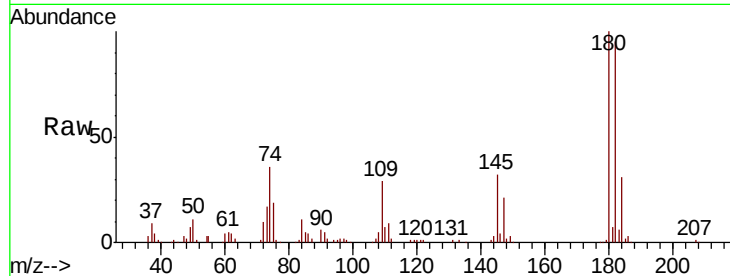




#93
 1,2,4-Trichlorobenzene
 Concen: 56.121 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

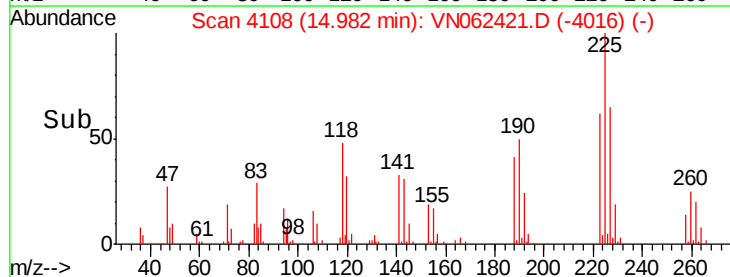
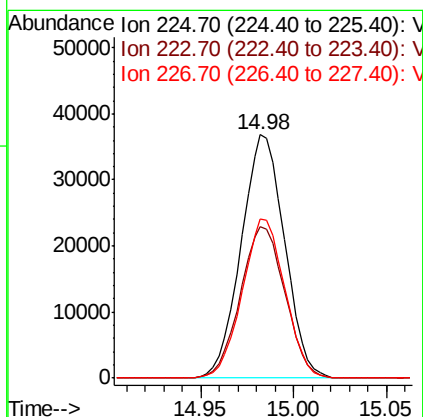
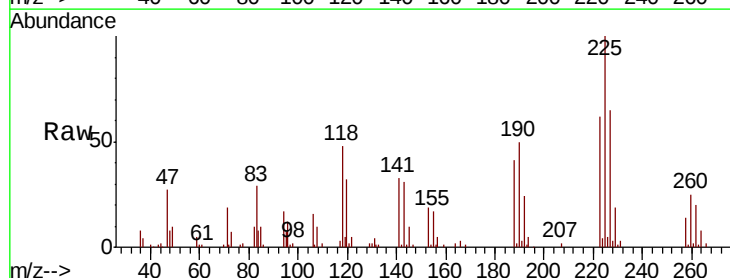
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

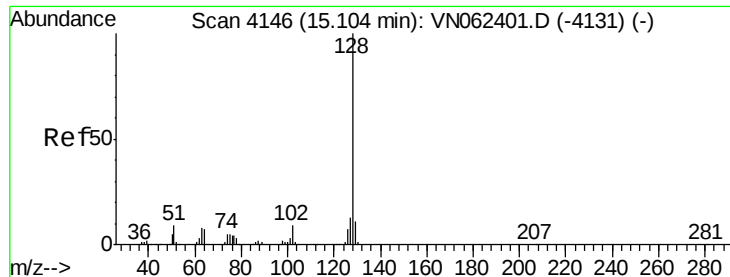
Tot Ion:180 Resp: 113308
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.2
 145 30.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 53.828 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062421.D
 Acq: 8 Jul 2020 21:33

Tgt Ion:225 Resp: 59848
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.3 96.8
 227 64.2 31.9 95.7

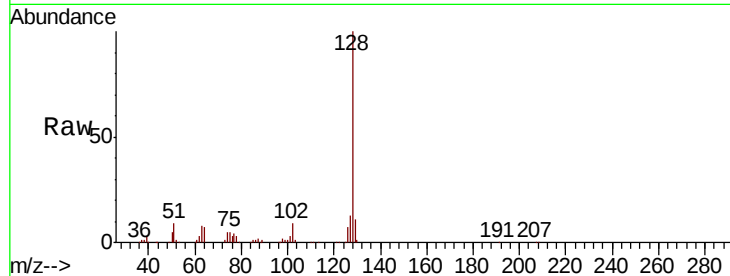




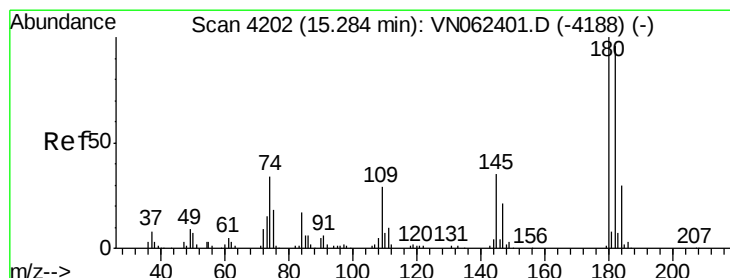
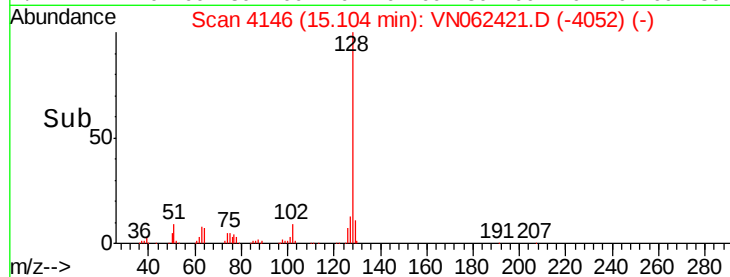
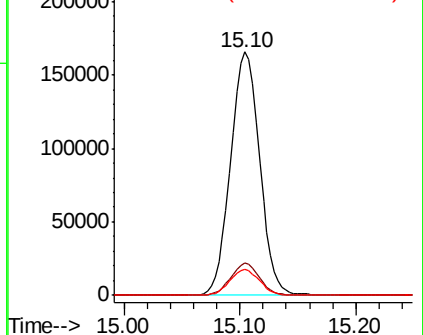
#95
Naphthalene
Concen: 52.471 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 287593
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.6 12.8

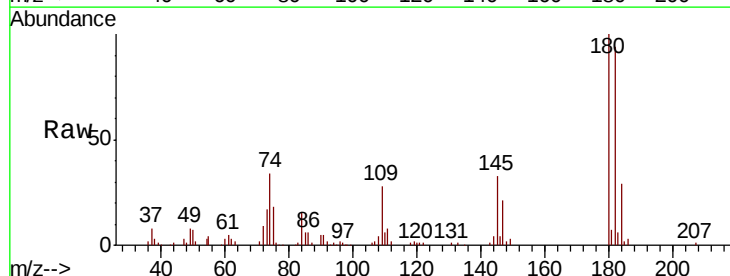


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.834 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062421.D
Acq: 8 Jul 2020 21:33

Tgt Ion:180 Resp: 112340
Ion Ratio Lower Upper
180 100
182 94.5 47.8 143.4
145 33.1 17.0 50.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

