

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
 Data File : VN062447.D
 Acq On : 9 Jul 2020 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 12:36:49 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	7.62	168	269956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	462282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	186695	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
35) Dibromofluoromethane	7.54	113	131413	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	10.06	98	523114	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.37	95	196669	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123945	45.075	ug/l	96
3) Chloromethane	2.03	50	175013	39.666	ug/l	98
4) Vinyl Chloride	2.16	62	161953	44.803	ug/l	98
5) Bromomethane	2.52	94	65657	33.819	ug/l	100
6) Chloroethane	2.66	64	98389	46.732	ug/l	98
7) Trichlorofluoromethane	2.98	101	204296	44.500	ug/l	100
8) Diethyl Ether	3.37	74	95372	46.458	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128653	47.273	ug/l	99
10) Methyl Iodide	3.91	142	98010	27.274	ug/l	99
11) Tert butyl alcohol	4.73	59	146874	213.235	ug/l	99
12) 1,1-Dichloroethene	3.69	96	125597	45.329	ug/l	98
13) Acrolein	3.56	56	99704	200.661	ug/l	98
14) Allyl chloride	4.27	41	284971	43.730	ug/l	97
15) Acrylonitrile	4.92	53	404941	224.163	ug/l	99
16) Acetone	3.77	43	432310	245.231	ug/l	98
17) Carbon Disulfide	4.00	76	373900	43.064	ug/l	99
18) Methyl Acetate	4.27	43	185289	42.117	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	488479	46.499	ug/l	99
20) Methylene Chloride	4.50	84	155376	41.223	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	137381	45.766	ug/l	97
22) Diisopropyl ether	5.90	45	575487	44.699	ug/l	99
23) Vinyl Acetate	5.84	43	2441850	228.953	ug/l	100
24) 1,1-Dichloroethane	5.79	63	300296	45.138	ug/l	100
25) 2-Butanone	6.78	43	585916	227.579	ug/l	98
26) 2,2-Dichloropropane	6.77	77	245819	48.189	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	162867	46.843	ug/l	98
28) Bromochloromethane	7.15	49	153516	42.472	ug/l	95
29) Tetrahydrofuran	7.16	42	372474	214.889	ug/l	97
30) Chloroform	7.32	83	275057	45.790	ug/l	100
31) Cyclohexane	7.61	56	266757	42.295	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	231721	46.375	ug/l	99
36) 1,1-Dichloropropene	7.75	75	215189	46.203	ug/l	99
37) Ethyl Acetate	6.88	43	236324	43.394	ug/l	99
38) Carbon Tetrachloride	7.73	117	196907	47.026	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
 Data File : VN062447.D
 Acq On : 9 Jul 2020 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 12:36:49 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	9.04	83	243801	49.032	ug/l	98
40) Benzene	8.00	78	627330	45.702	ug/l	100
41) Methacrylonitrile	7.12	41	102861	45.206	ug/l	95
42) 1,2-Dichloroethane	8.08	62	235737	46.903	ug/l	100
43) Isopropyl Acetate	8.12	43	395859	46.013	ug/l	98
44) Trichloroethene	8.80	130	145988	47.935	ug/l	100
45) 1,2-Dichloropropane	9.08	63	182408	45.777	ug/l	99
46) Dibromomethane	9.17	93	105482	46.908	ug/l	99
47) Bromodichloromethane	9.37	83	225260	46.855	ug/l	99
48) Methyl methacrylate	9.16	41	194903	46.184	ug/l	98
49) 1,4-Dioxane	9.17	88	54008	879.261	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1173531	228.380	ug/l	99
52) Toluene	10.12	92	374722	47.262	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	262203	48.681	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	282450	47.528	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146675	47.036	ug/l	97
56) Ethyl methacrylate	10.40	69	261263	45.678	ug/l	98
57) 1,3-Dichloropropane	10.68	76	274270	47.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	446220	241.200	ug/l	98
59) 2-Hexanone	10.72	43	877399	235.203	ug/l	99
60) Dibromochloromethane	10.87	129	161123	47.653	ug/l	98
61) 1,2-Dibromoethane	10.98	107	151887	48.251	ug/l	99
64) Tetrachloroethene	10.60	164	117844	46.635	ug/l	99
65) Chlorobenzene	11.40	112	391757	47.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	144518	47.351	ug/l	99
67) Ethyl Benzene	11.48	91	740157	47.643	ug/l	98
68) m/p-Xylenes	11.59	106	535119	97.300	ug/l	99
69) o-Xylene	11.92	106	258595	48.293	ug/l	98
70) Styrene	11.94	104	444584	50.237	ug/l	99
71) Bromoform	12.10	173	109915	49.127	ug/l #	98
73) Isopropylbenzene	12.22	105	697544	46.324	ug/l	100
74) N-amyl acetate	12.04	43	360837	49.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	229220	45.274	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	295478	61.885	ug/l #	100
77) Bromobenzene	12.50	156	158592	46.328	ug/l	95
78) n-propylbenzene	12.56	91	833738	47.401	ug/l	100
79) 2-Chlorotoluene	12.65	91	497108	46.566	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	589396	47.747	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74840	41.954	ug/l	99
82) 4-Chlorotoluene	12.75	91	516323	47.641	ug/l	100
83) tert-Butylbenzene	12.97	119	485531	46.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	595113	48.502	ug/l	99
85) sec-Butylbenzene	13.15	105	669971	48.264	ug/l	100
86) p-Isopropyltoluene	13.26	119	591644	49.383	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	283740	48.046	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	283299	46.621	ug/l	99
89) n-Butylbenzene	13.59	91	533388	50.421	ug/l	99
90) Hexachloroethane	13.85	117	104805	44.470	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	271899	47.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	43724	47.323	ug/l	98

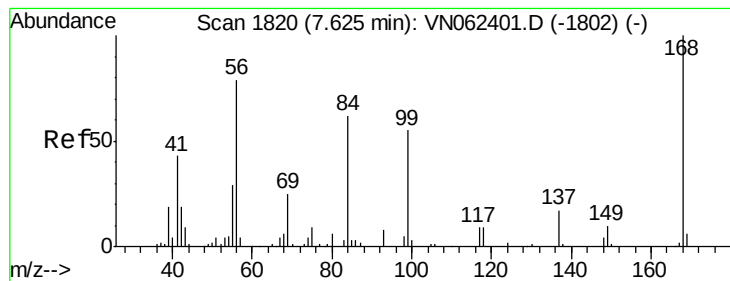
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
Data File : VN062447.D
Acq On : 9 Jul 2020 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jul 09 12:36:49 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	144001	52.744	ug/l	98
94) Hexachlorobutadiene	14.98	225	72720	47.966	ug/l	98
95) Naphthalene	15.10	128	404091	53.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	141745	46.353	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

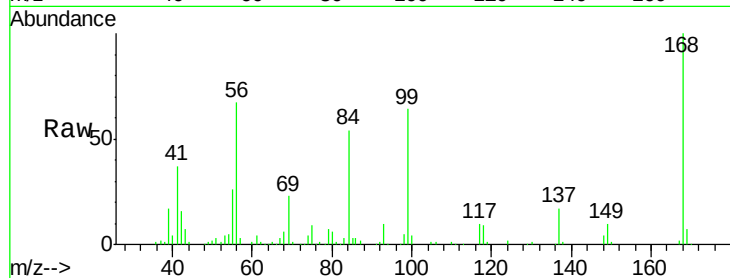
VSTDCCC050

Tgt Ion: 168 Resp: 269956

Ion Ratio Lower Upper

168 100

99 63.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

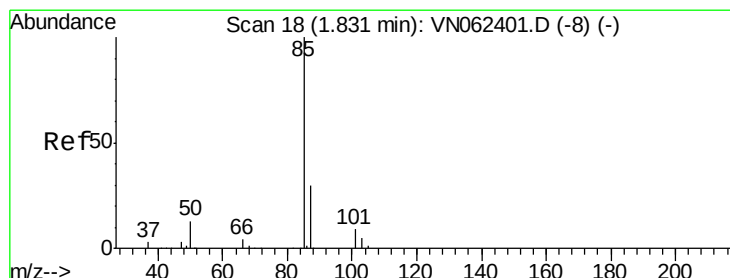
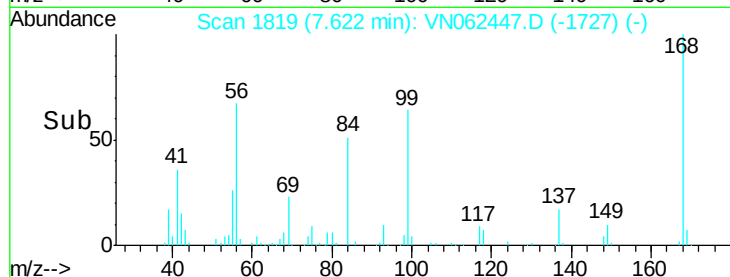
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.075 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062447.D

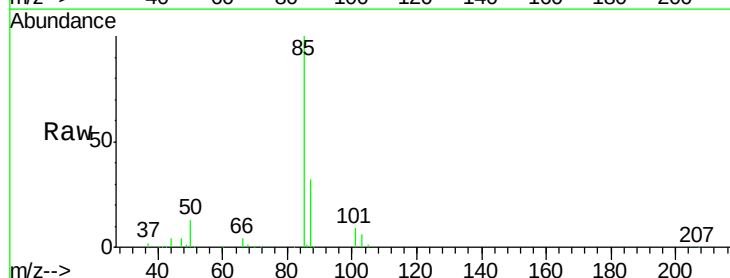
Acq: 9 Jul 2020 10:20

Tgt Ion: 85 Resp: 123945

Ion Ratio Lower Upper

85 100

87 32.4 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

100000

80000

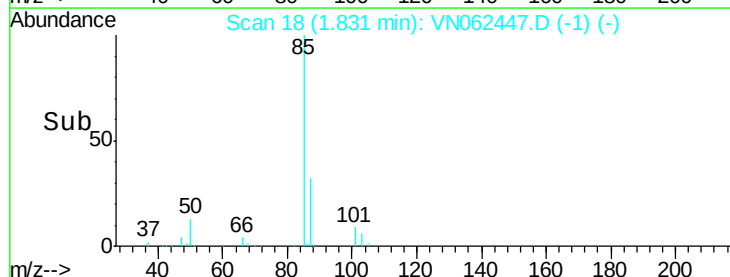
60000

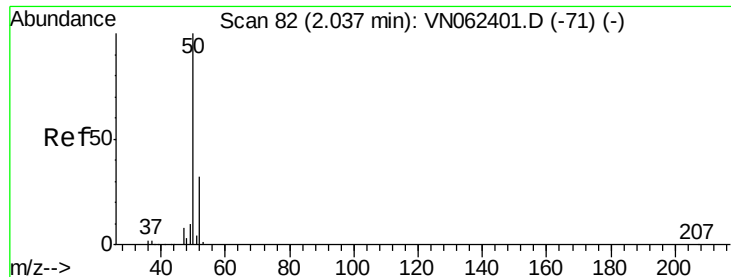
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 39.666 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

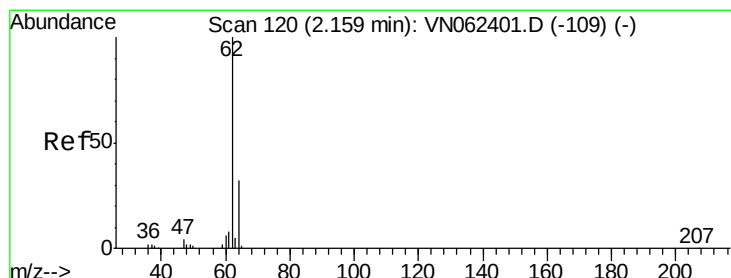
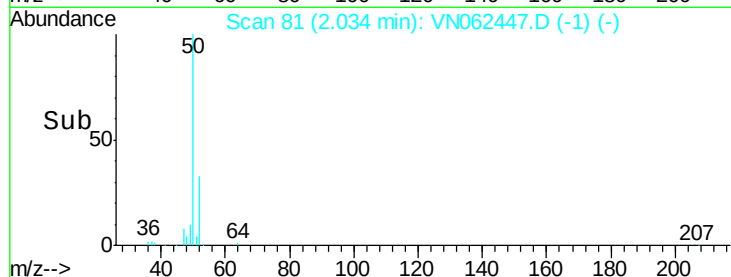
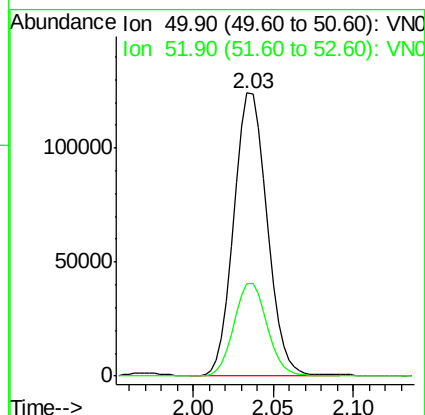
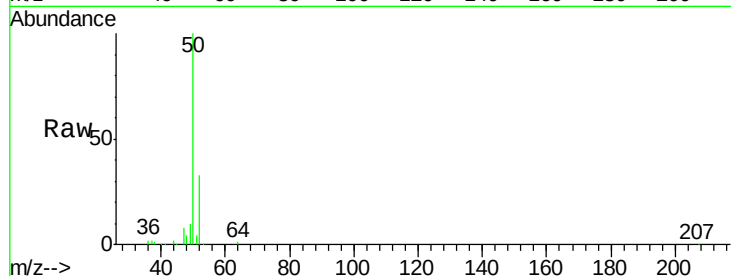
VSTDCCC050

Tgt Ion: 50 Resp: 175013

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 44.803 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062447.D

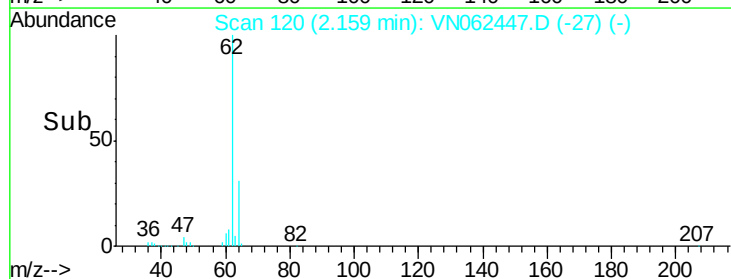
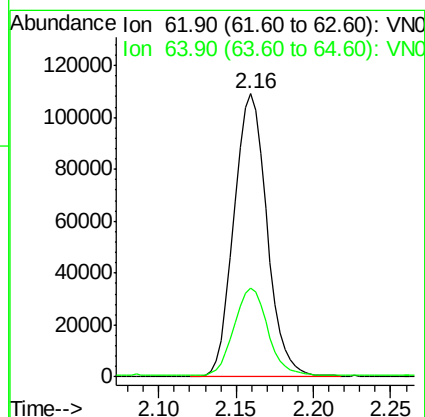
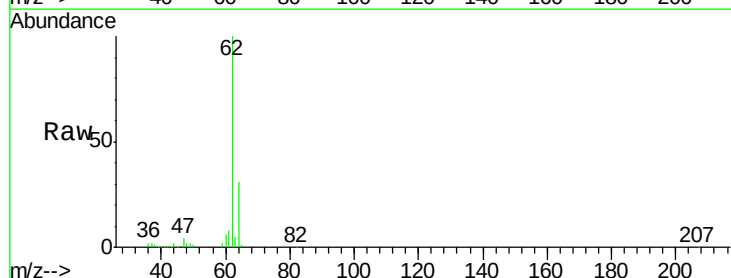
Acq: 9 Jul 2020 10:20

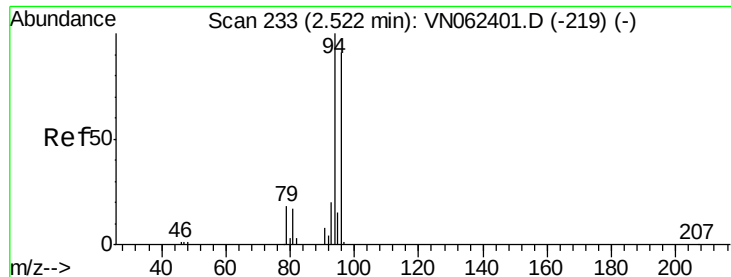
Tgt Ion: 62 Resp: 161953

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 33.819 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

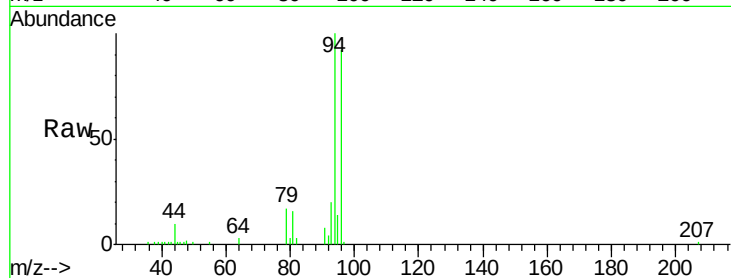
VSTDCCC050

Tgt Ion: 94 Resp: 65657

Ion Ratio Lower Upper

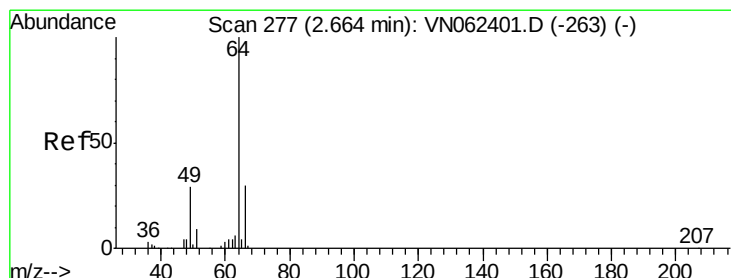
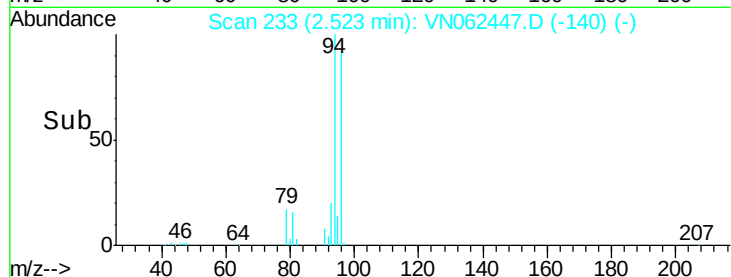
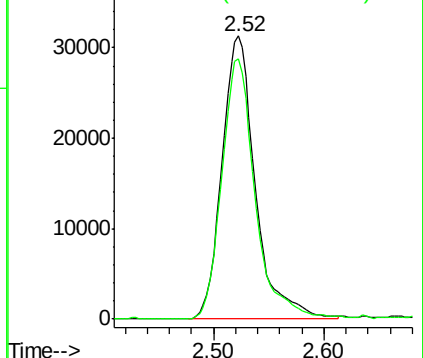
94 100

96 91.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.732 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062447.D

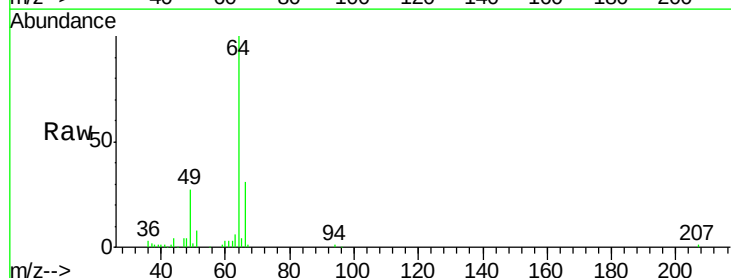
Acq: 9 Jul 2020 10:20

Tgt Ion: 64 Resp: 98389

Ion Ratio Lower Upper

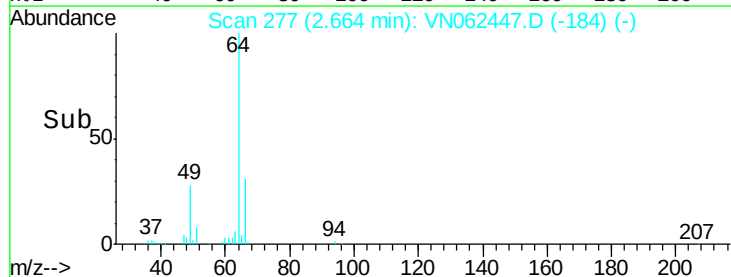
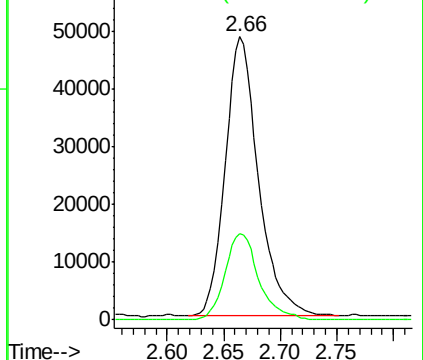
64 100

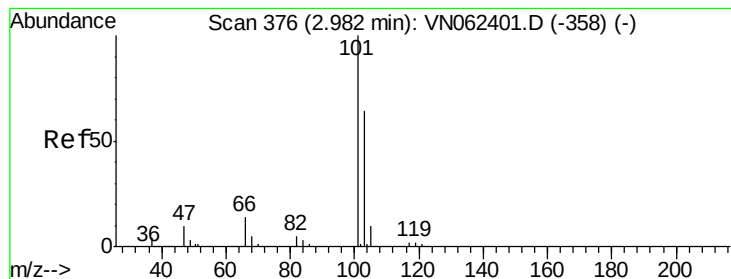
66 31.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



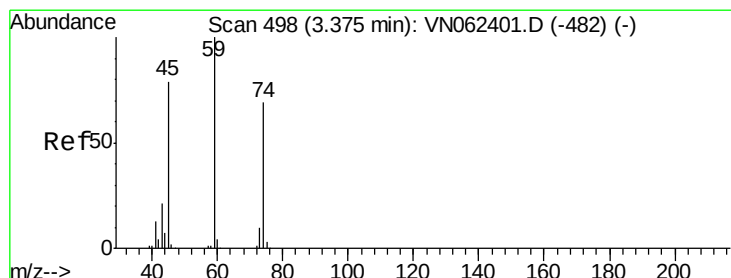
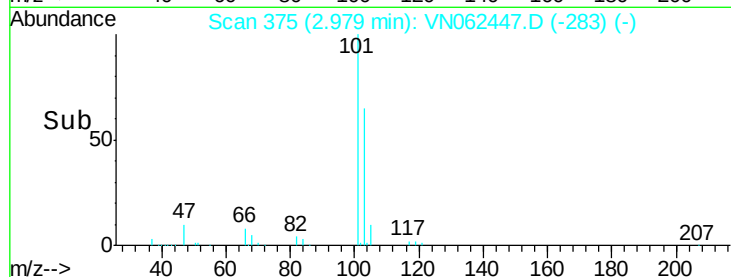
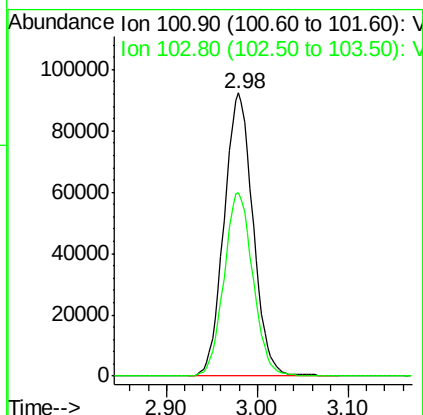
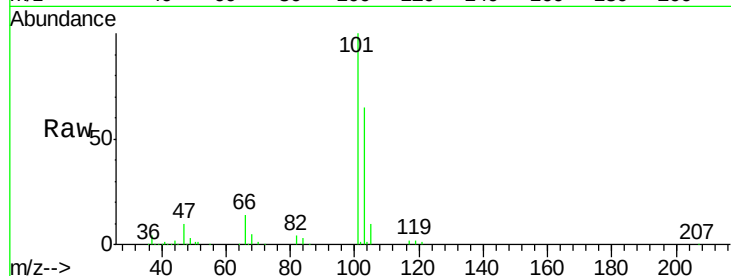


#7

Trichlorofluoromethane
 Concen: 44.500 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

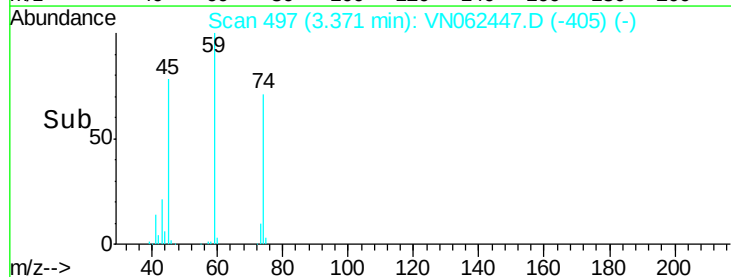
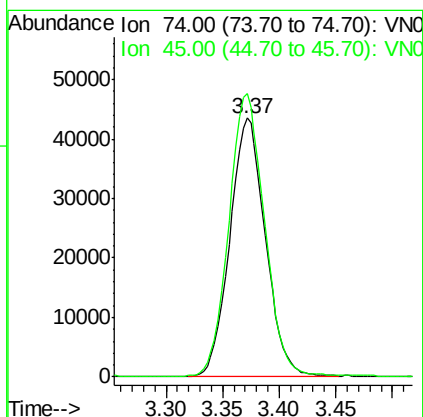
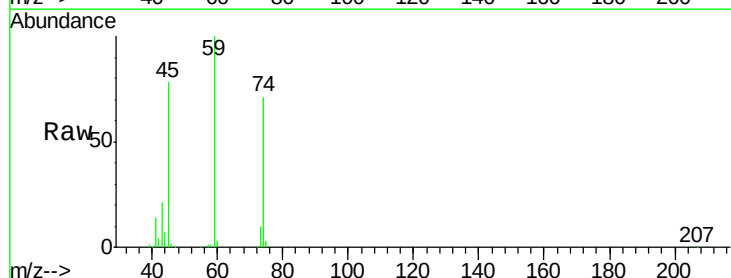
Tgt Ion:101 Resp: 204296
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.6 77.4

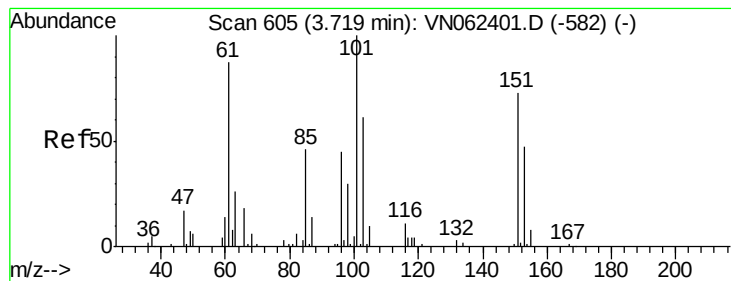


#8

Diethyl Ether
 Concen: 46.458 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 74 Resp: 95372
 Ion Ratio Lower Upper
 74 100
 45 110.5 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.273 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

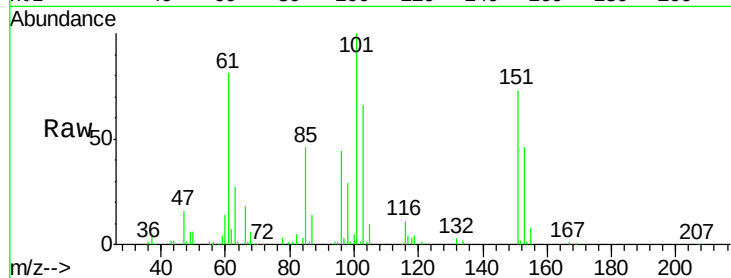
Tgt Ion:101 Resp: 128653

Ion Ratio Lower Upper

101 100

85 45.3 36.7 55.1

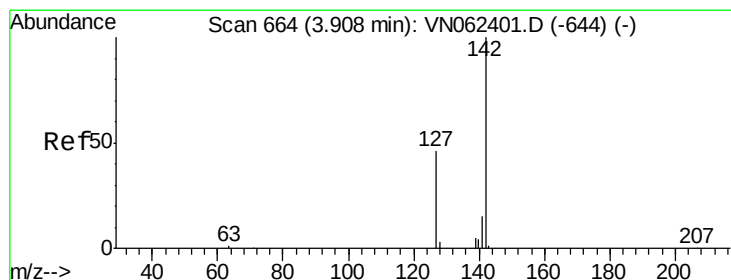
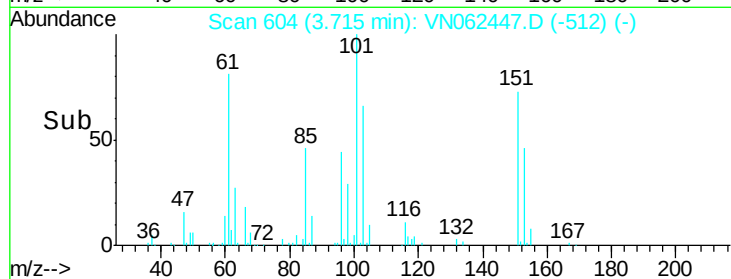
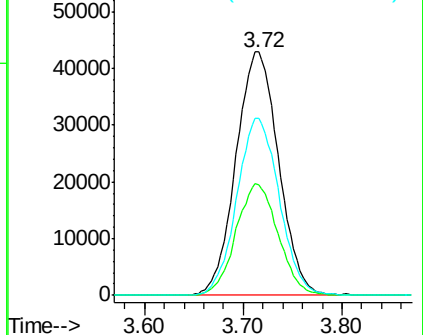
151 72.4 58.3 87.5



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: 27.274 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

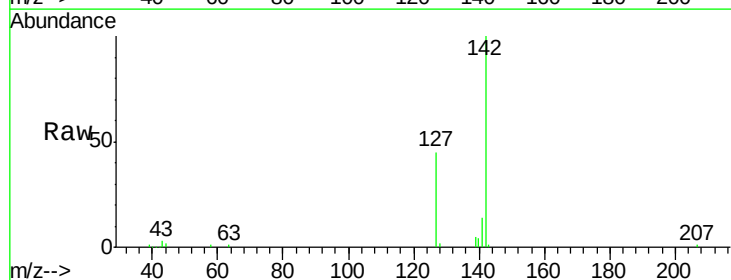
Tgt Ion:142 Resp: 98010

Ion Ratio Lower Upper

142 100

127 44.4 36.1 54.1

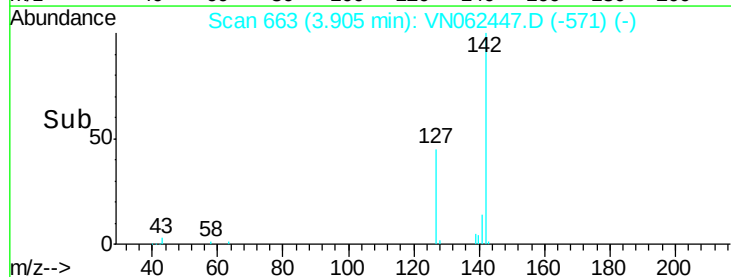
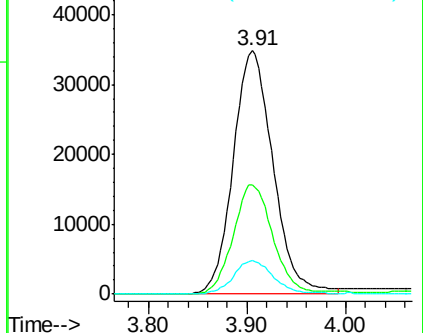
141 13.7 11.4 17.0

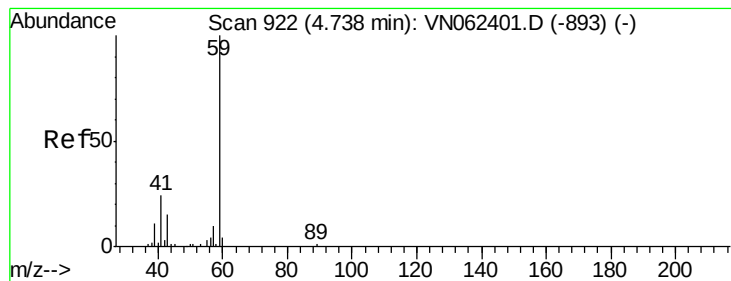


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



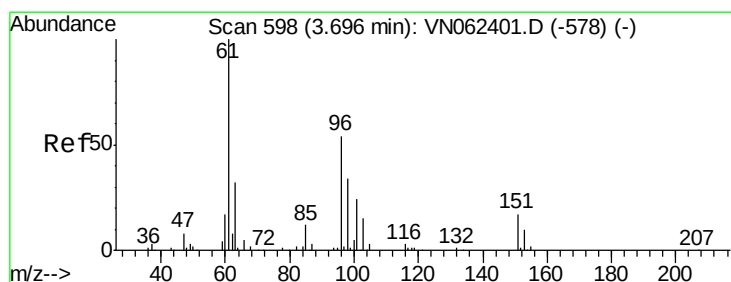
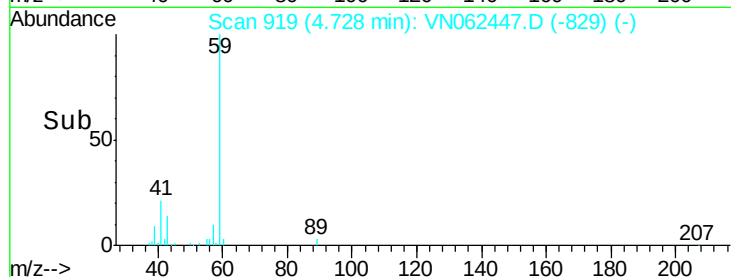
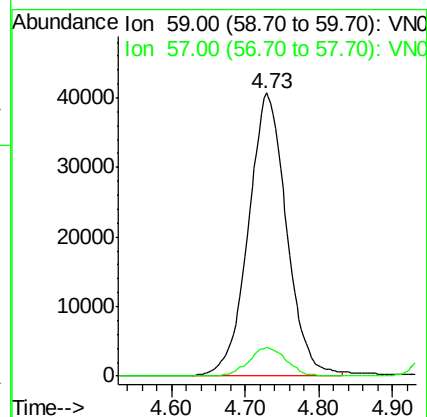
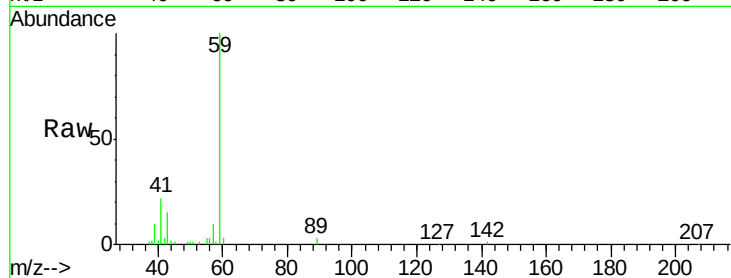


#11

Tert butyl alcohol
 Concen: 213.235 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

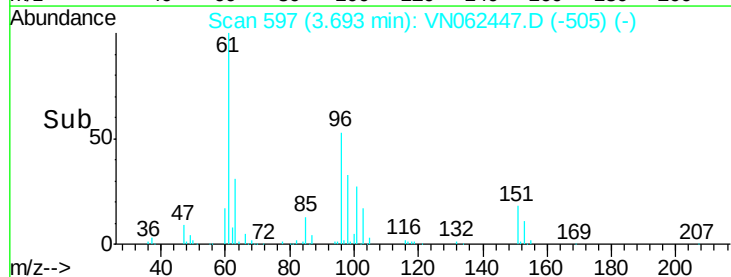
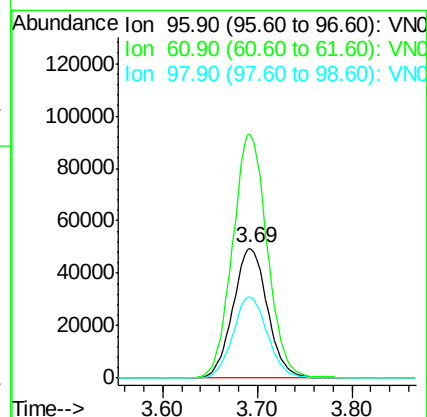
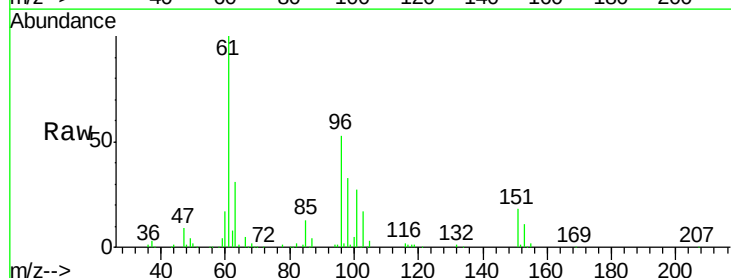
Tgt Ion: 59 Resp: 146874
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.6

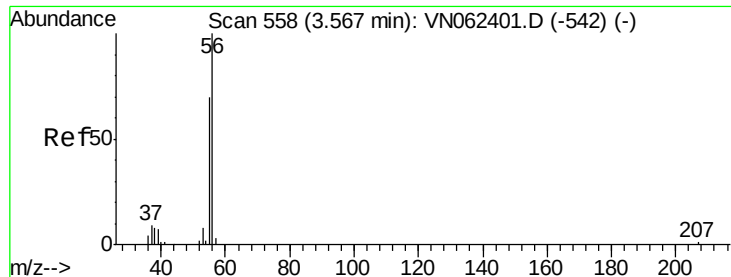


#12

1,1-Dichloroethene
 Concen: 45.329 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 96 Resp: 125597
 Ion Ratio Lower Upper
 96 100
 61 187.4 147.4 221.0
 98 62.2 50.4 75.6





#13

Acrolein

Concen: 200.661 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

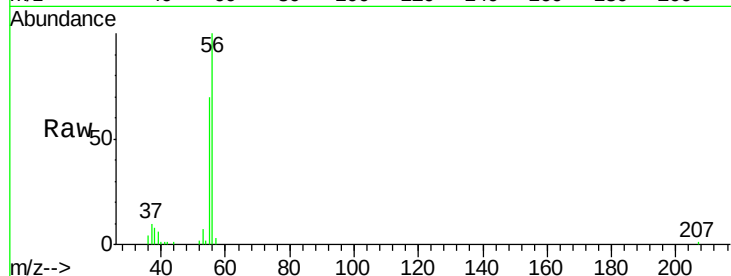
VSTDCCC050

Tgt Ion: 56 Resp: 99704

Ion Ratio Lower Upper

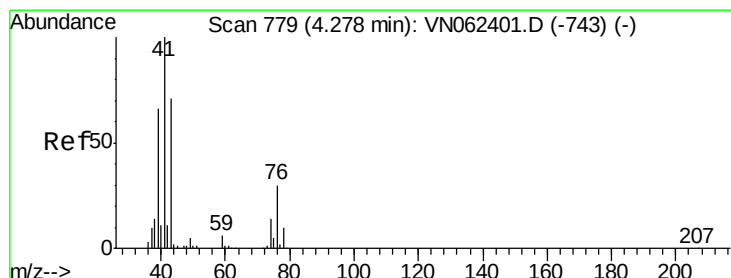
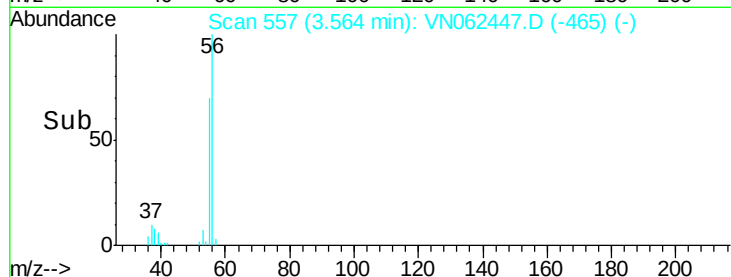
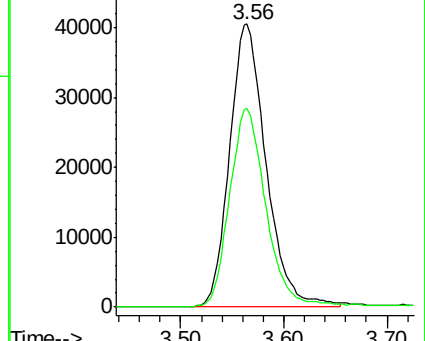
56 100

55 70.0 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 43.730 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

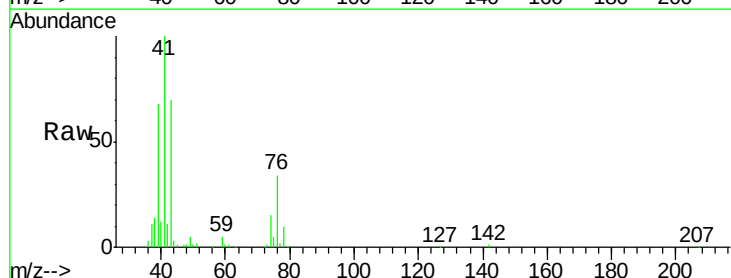
Tgt Ion: 41 Resp: 284971

Ion Ratio Lower Upper

41 100

39 64.6 49.6 74.4

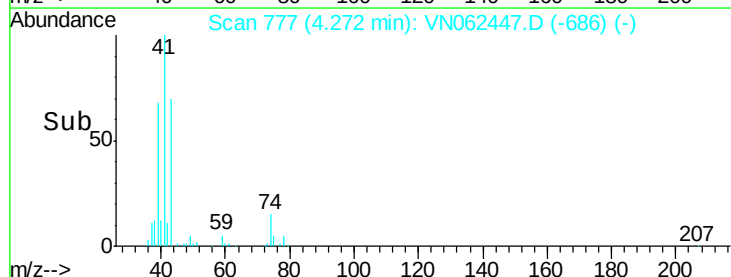
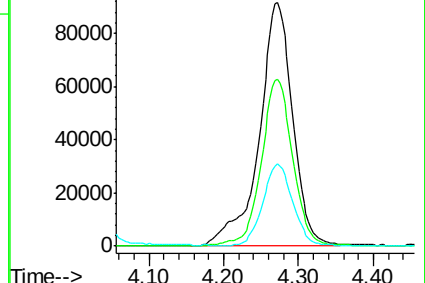
76 29.7 22.2 33.4

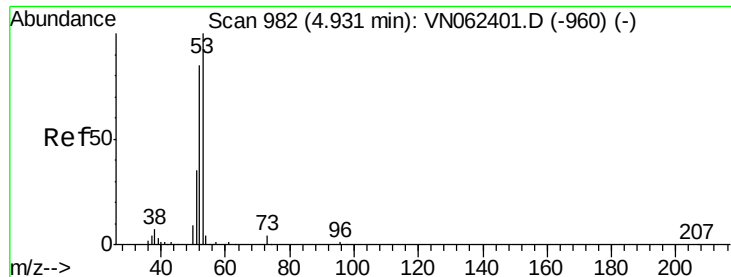


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 224.163 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

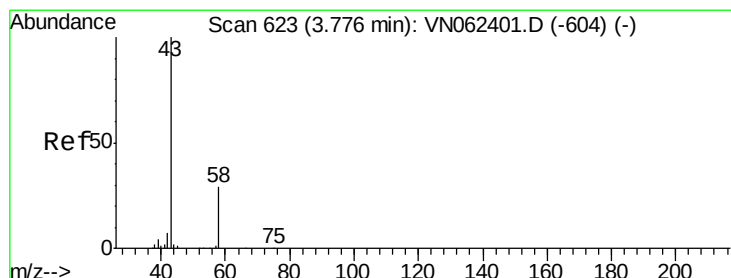
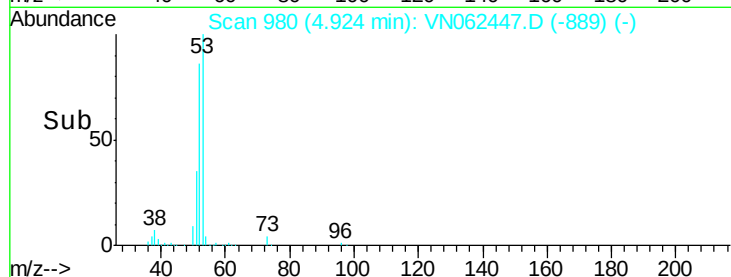
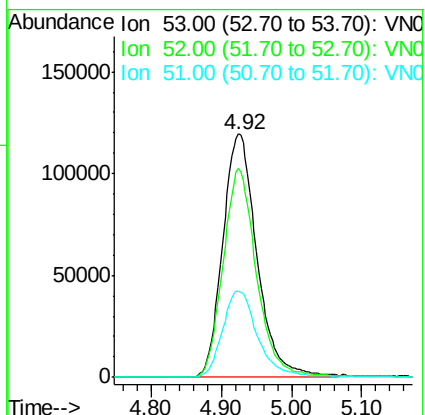
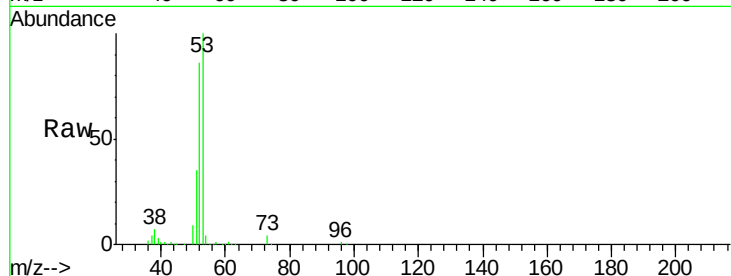
Tgt Ion: 53 Resp: 404941

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.4

51 36.3 28.7 43.1



#16

Acetone

Concen: 245.231 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.01 min

Lab File: VN062447.D

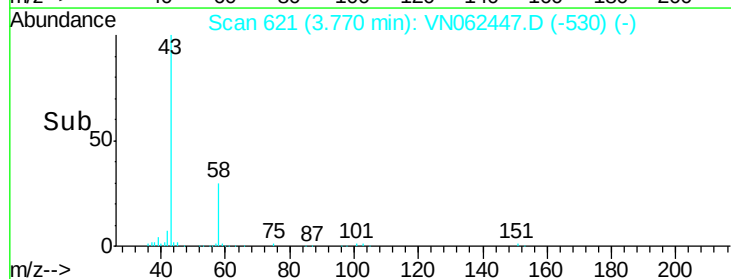
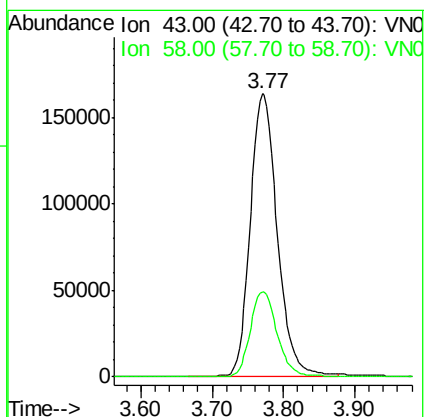
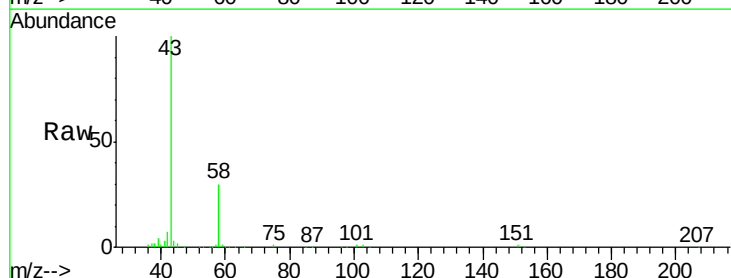
Acq: 9 Jul 2020 10:20

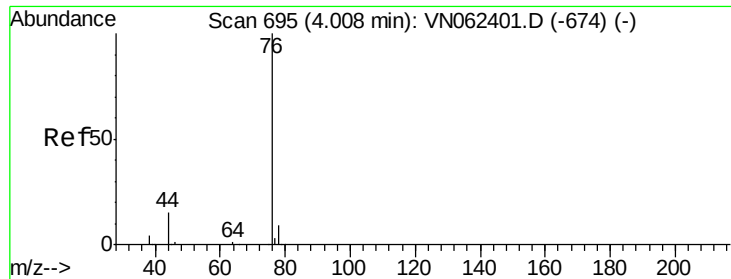
Tgt Ion: 43 Resp: 432310

Ion Ratio Lower Upper

43 100

58 30.2 23.5 35.3





#17

Carbon Disulfide

Concen: 43.064 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

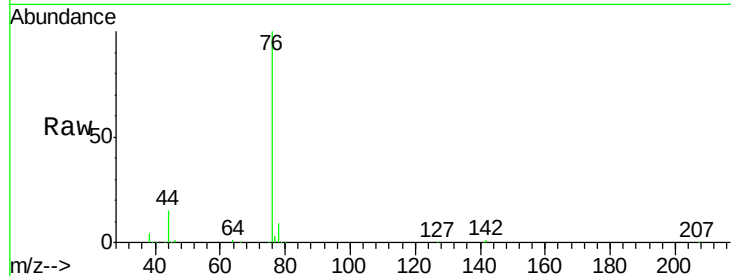
VSTDCCC050

Tgt Ion: 76 Resp: 373900

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.00

150000

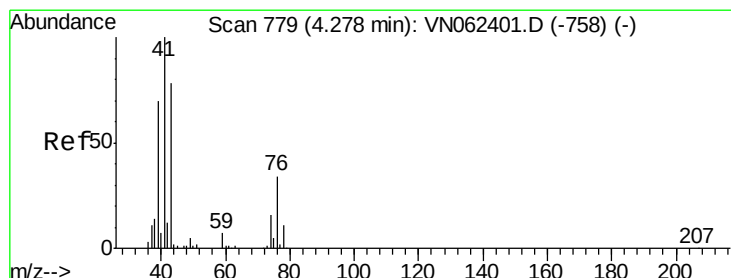
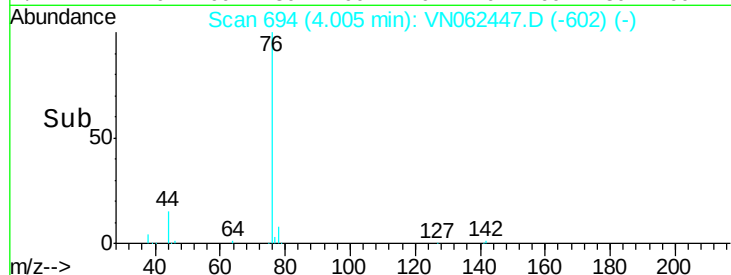
100000

50000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 42.117 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN062447.D

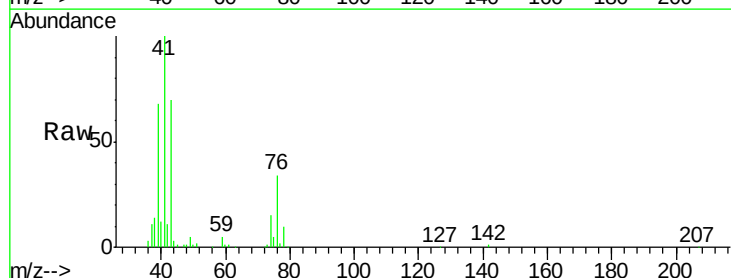
Acq: 9 Jul 2020 10:20

Tgt Ion: 43 Resp: 185289

Ion Ratio Lower Upper

43 100

74 21.3 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.27

60000

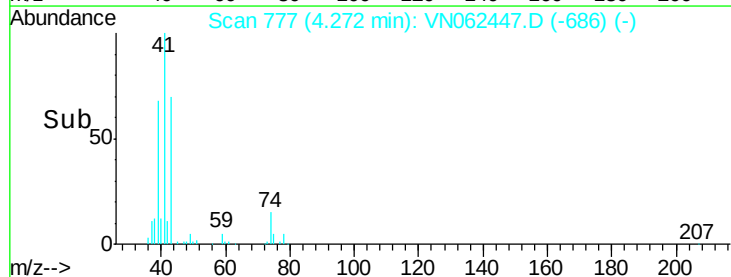
40000

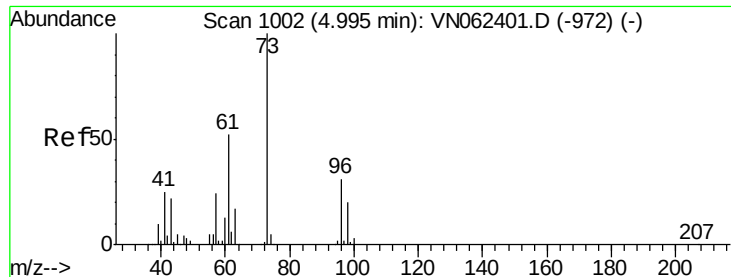
20000

0

Time-->

4.10 4.20 4.30 4.40

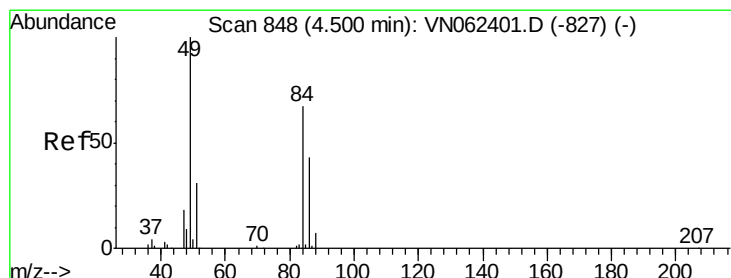
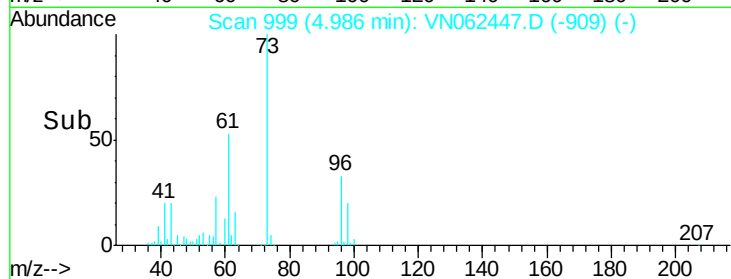
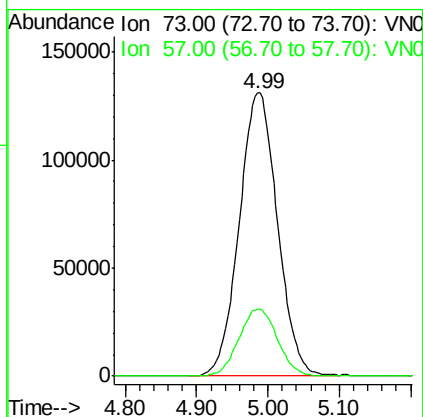
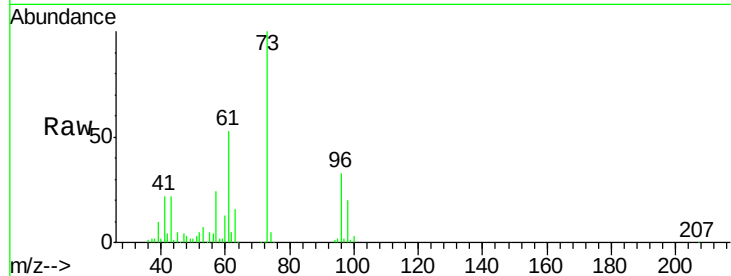




#19
Methyl tert-butyl Ether
Concen: 46.499 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

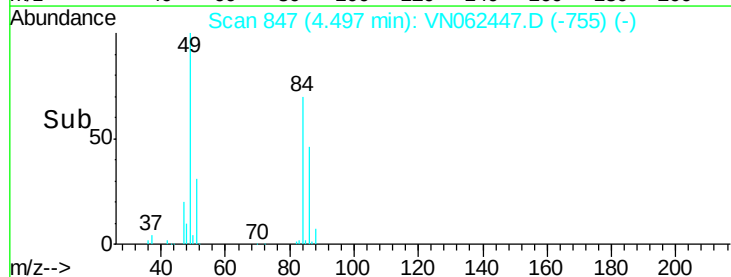
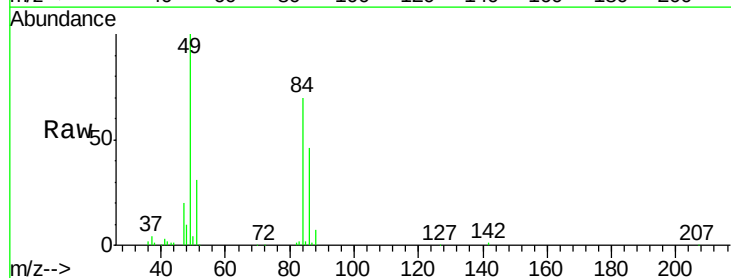
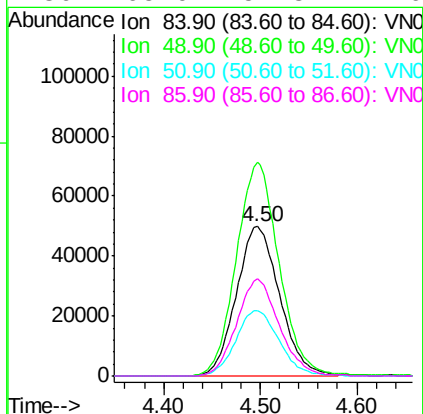
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

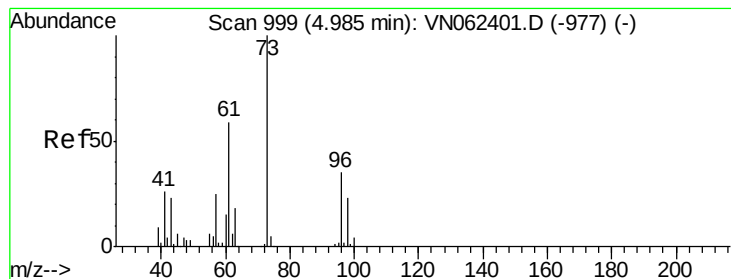
Tgt Ion: 73 Resp: 488479
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.0



#20
Methylene Chloride
Concen: 41.223 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion: 84 Resp: 155376
Ion Ratio Lower Upper
84 100
49 142.8 120.0 180.0
51 44.0 37.0 55.6
86 65.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 45.766 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

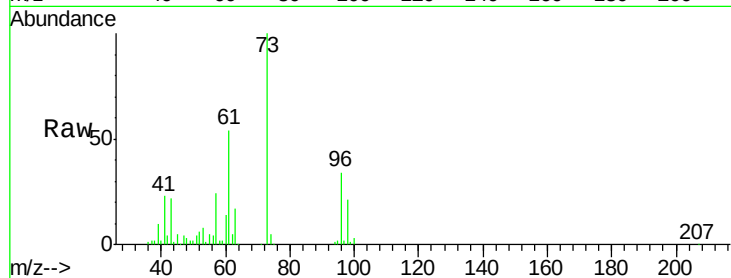
Tgt Ion: 96 Resp: 137381

Ion Ratio Lower Upper

96 100

61 162.1 133.5 200.3

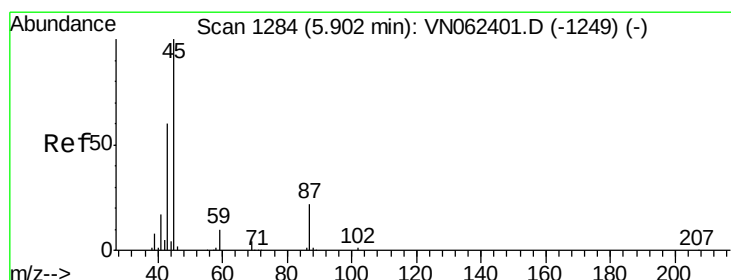
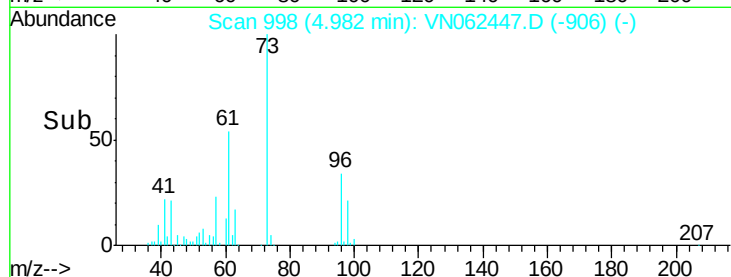
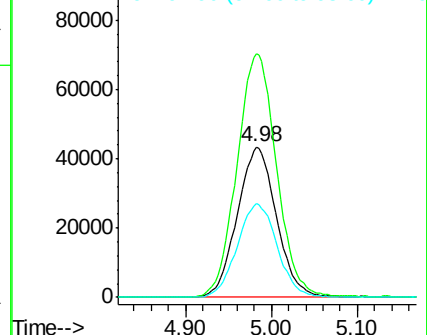
98 62.3 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN062447.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062447.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062447.D (-906) (-)



#22

Diisopropyl ether

Concen: 44.699 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Tgt Ion: 45 Resp: 575487

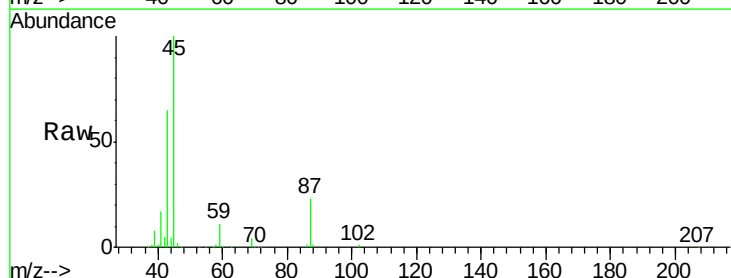
Ion Ratio Lower Upper

45 100

43 63.4 50.1 75.1

87 23.2 18.2 27.4

59 10.7 8.2 12.2

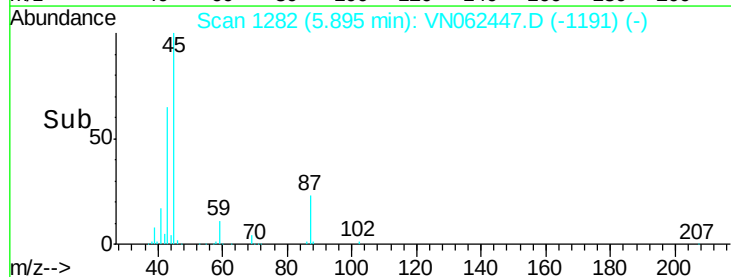
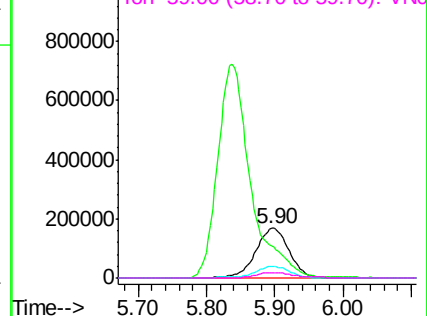


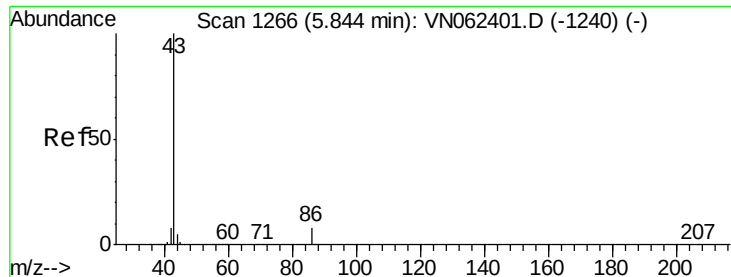
Abundance Ion 45.00 (44.70 to 45.70): VN062447.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062447.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062447.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062447.D (-1191) (-)





#23

Vinyl Acetate

Concen: 228.953 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

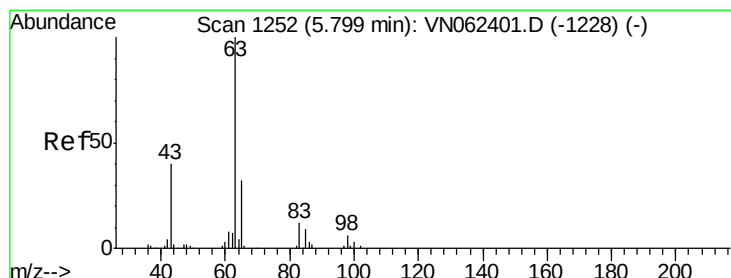
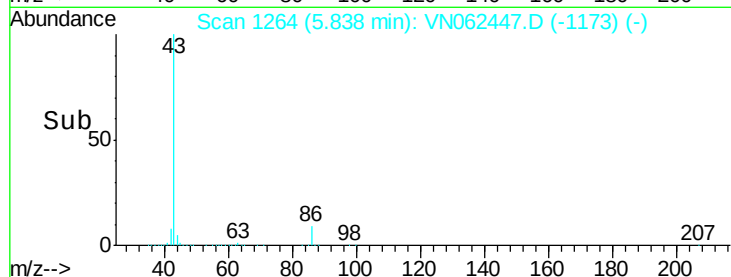
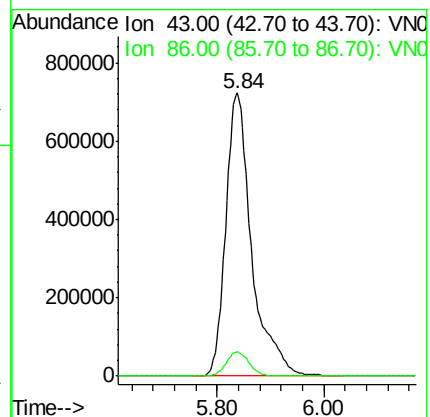
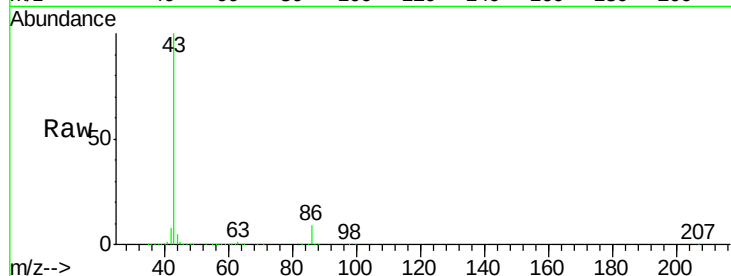
VSTDCCC050

Tgt Ion: 43 Resp: 2441850

Ion Ratio Lower Upper

43 100

86 8.6 6.7 10.1



#24

1,1-Dichloroethane

Concen: 45.138 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

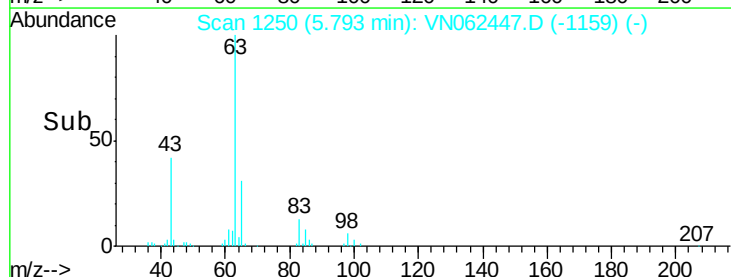
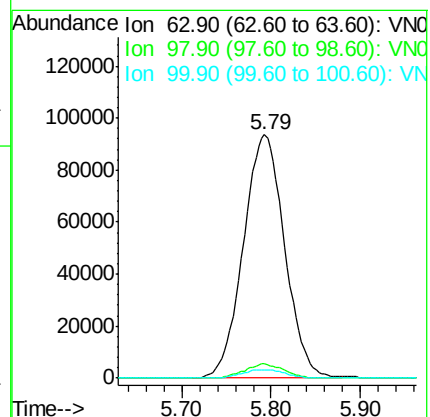
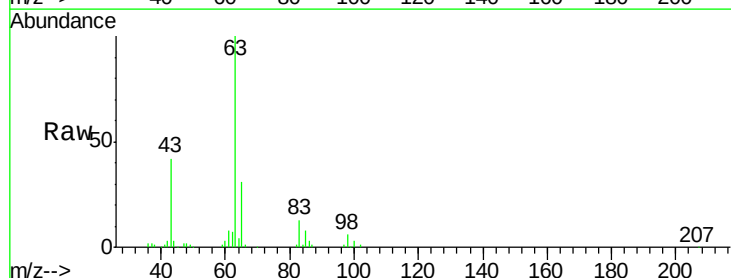
Tgt Ion: 63 Resp: 300296

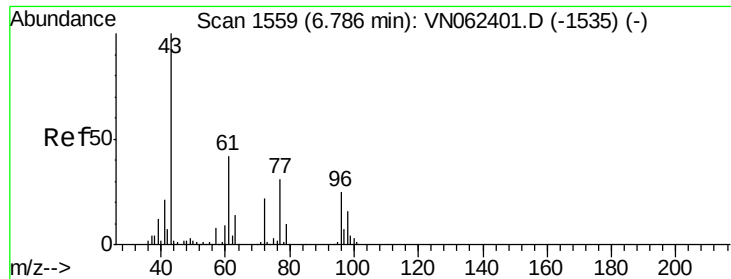
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.4 1.8 5.3

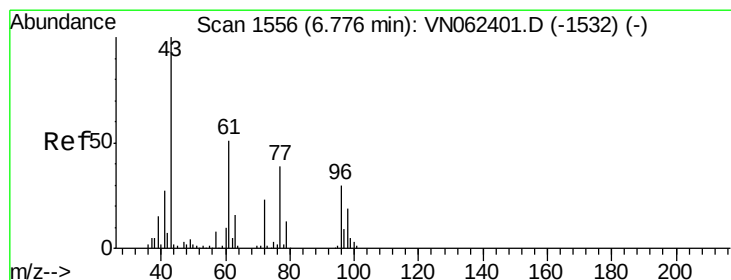
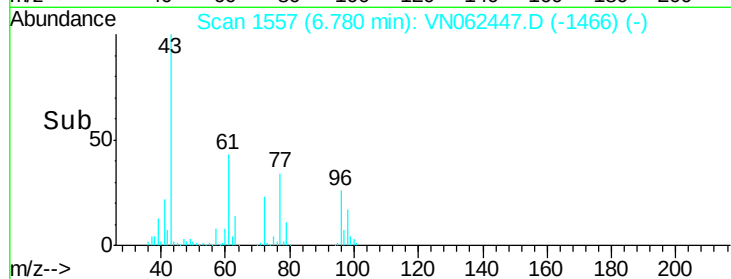
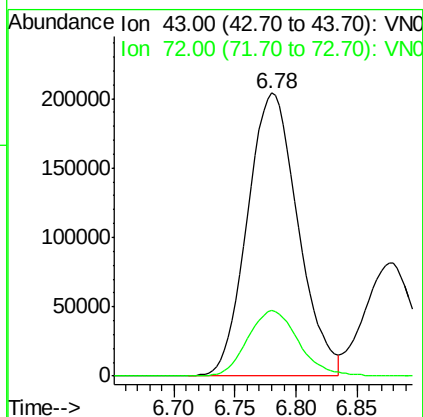
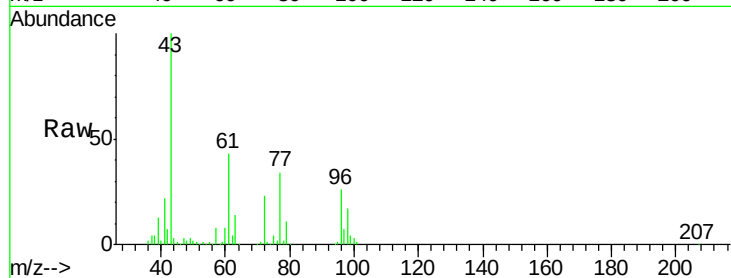




#25
 2-Butanone
 Concen: 227.579 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

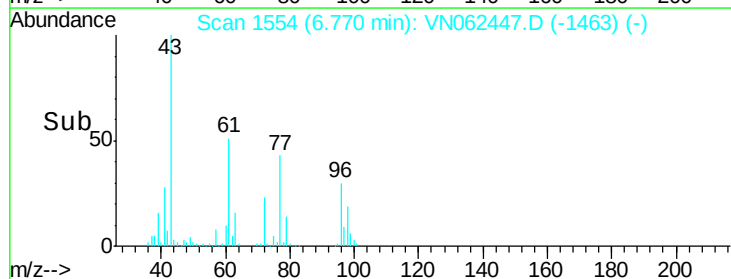
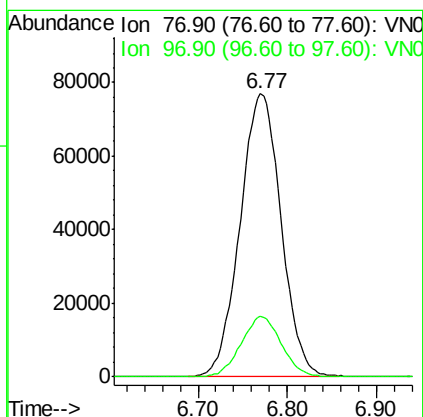
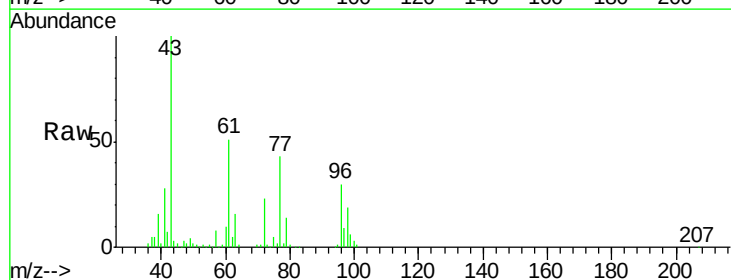
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

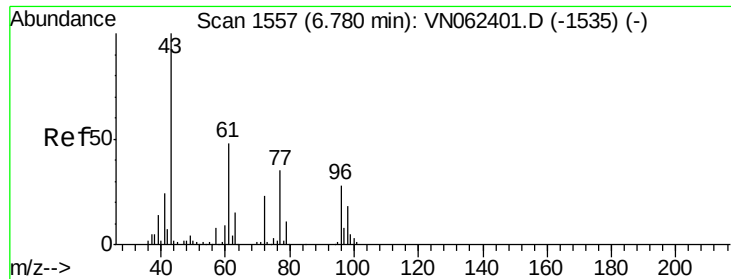
Tgt Ion: 43 Resp: 585916
 Ion Ratio Lower Upper
 43 100
 72 23.2 17.9 26.9



#26
 2,2-Dichloropropane
 Concen: 48.189 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 77 Resp: 245819
 Ion Ratio Lower Upper
 77 100
 97 21.0 10.9 32.9

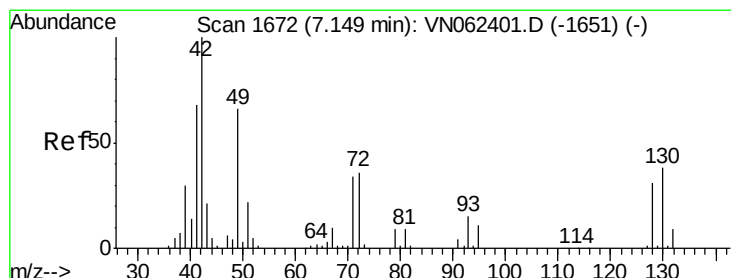
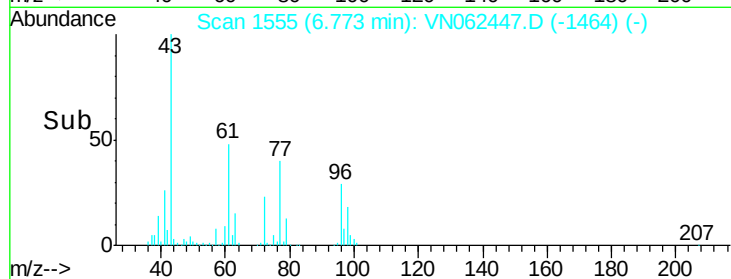
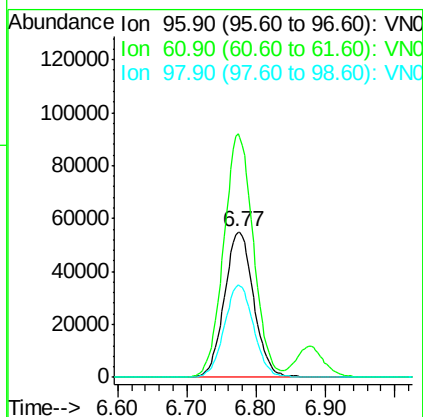
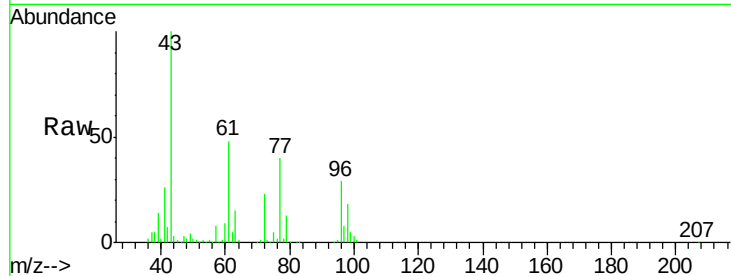




#27
 cis-1,2-Dichloroethene
 Concen: 46.843 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

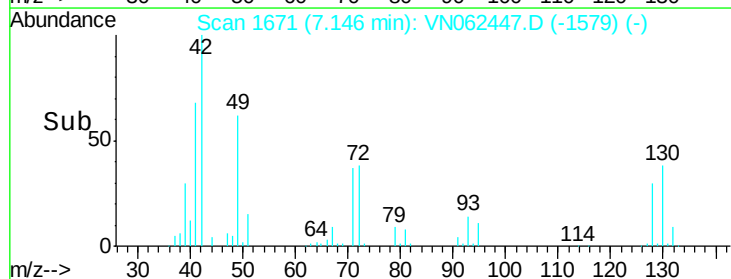
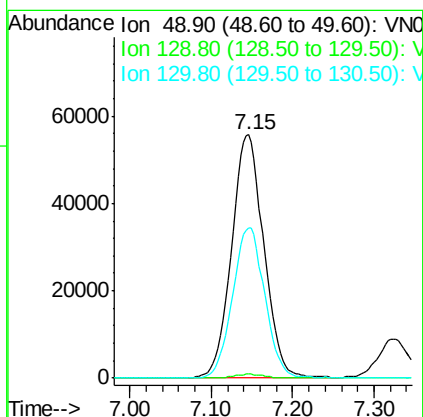
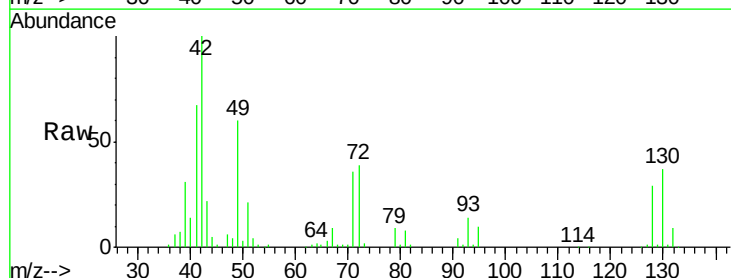
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

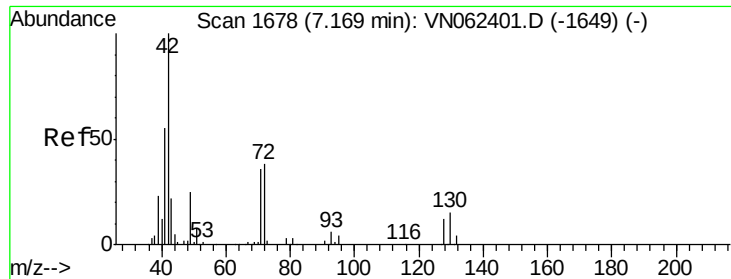
Tgt Ion: 96 Resp: 162867
 Ion Ratio Lower Upper
 96 100
 61 168.1 0.0 343.4
 98 63.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 42.472 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 49 Resp: 153516
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 2.8
 130 61.5 46.5 69.7

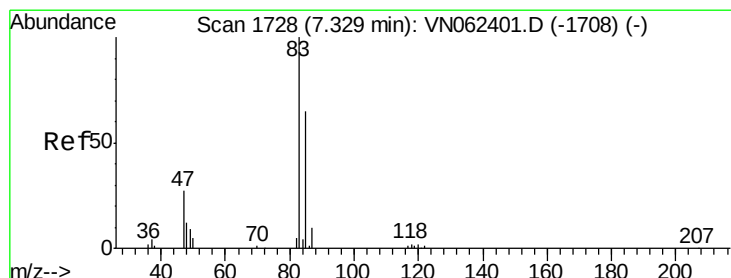
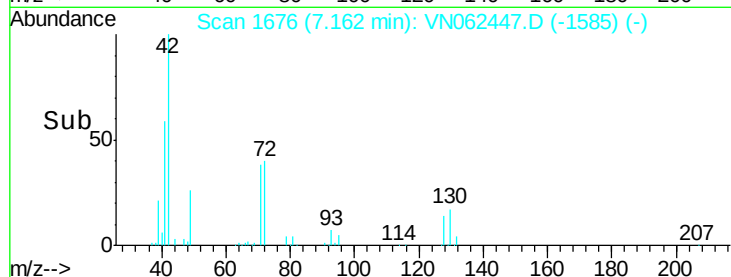
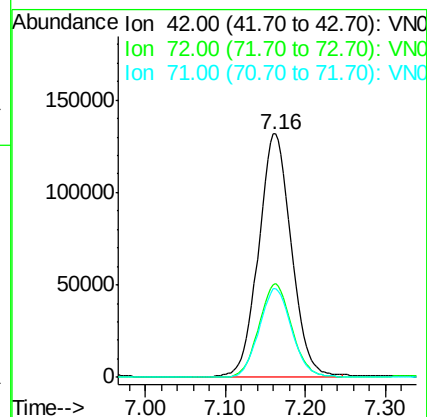
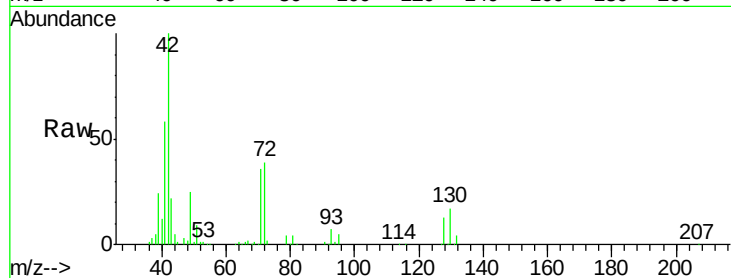




#29
Tetrahydrofuran
Concen: 214.889 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

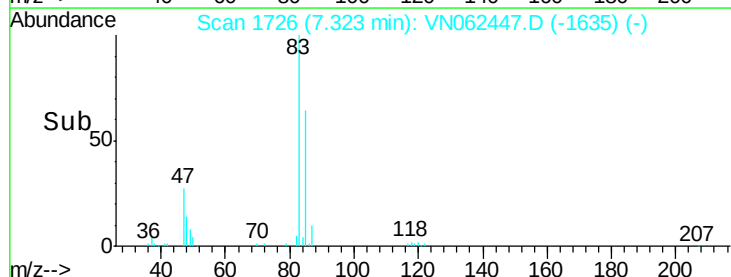
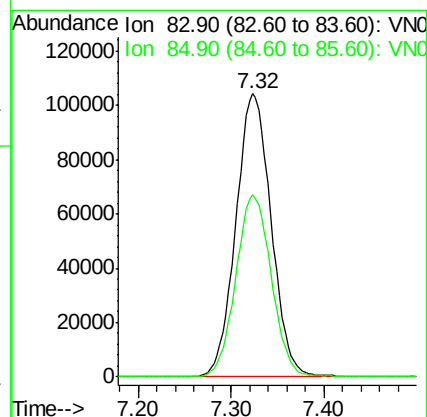
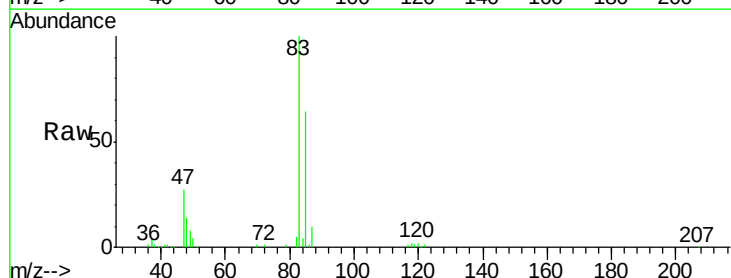
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

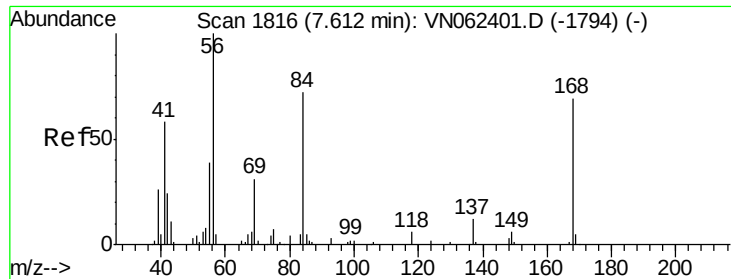
Tgt Ion: 42 Resp: 372474
Ion Ratio Lower Upper
42 100
72 38.3 29.1 43.7
71 36.3 28.1 42.1



#30
Chloroform
Concen: 45.790 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion: 83 Resp: 275057
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6

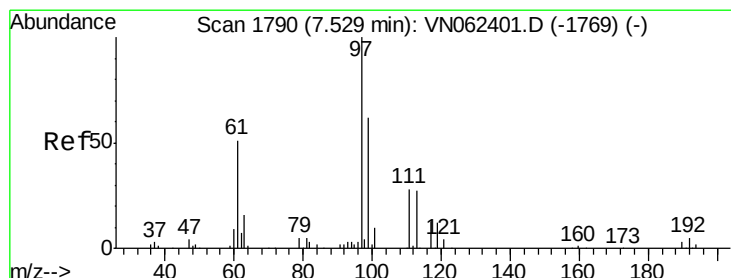
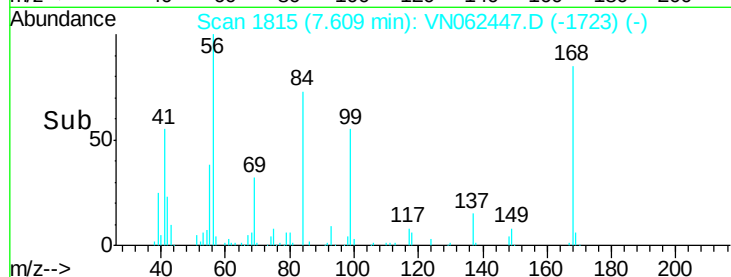
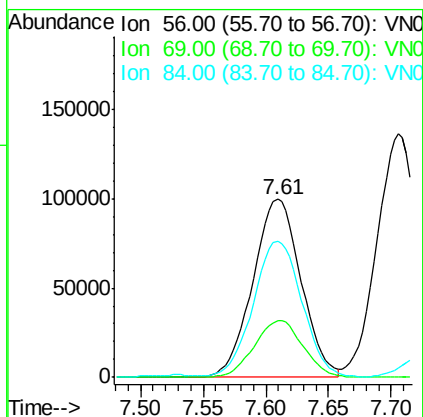
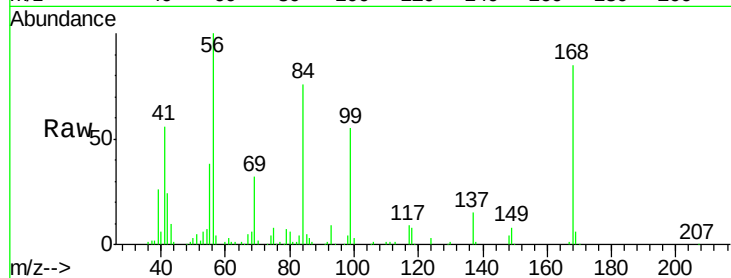




#31
Cyclohexane
Concen: 42.295 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

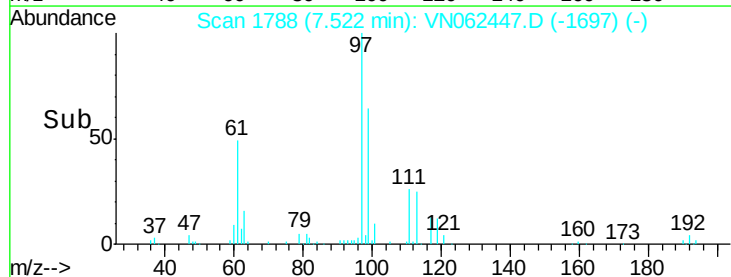
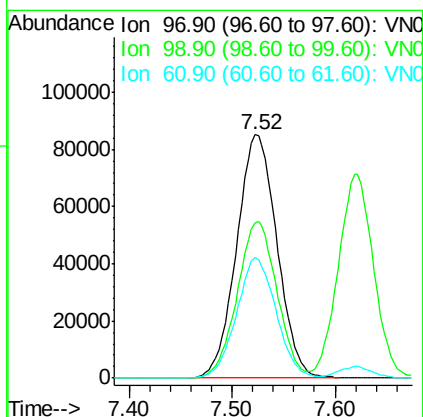
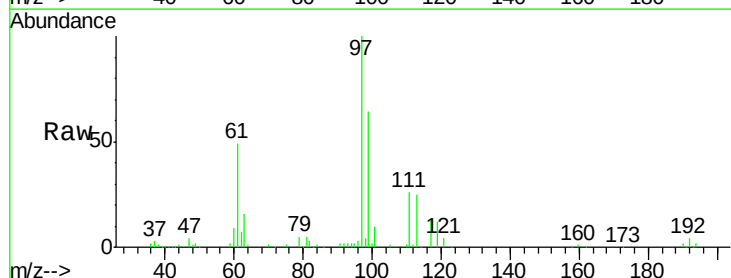
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

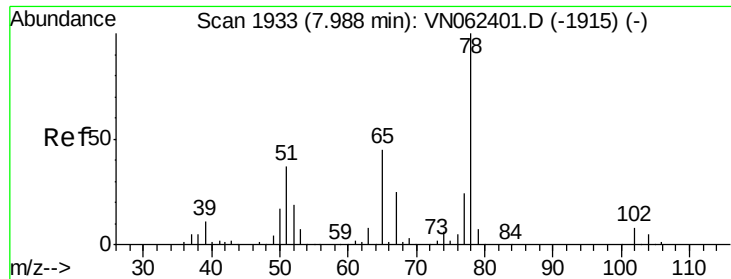
Tgt Ion: 56 Resp: 266757
Ion Ratio Lower Upper
56 100
69 31.7 24.5 36.7
84 75.5 57.4 86.2



#32
1,1,1-Trichloroethane
Concen: 46.375 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion: 97 Resp: 231721
Ion Ratio Lower Upper
97 100
99 63.2 50.4 75.6
61 48.4 39.9 59.9

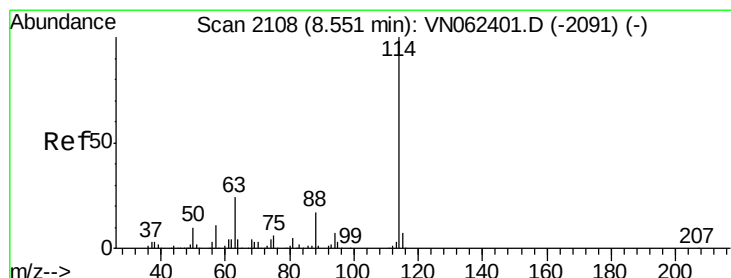
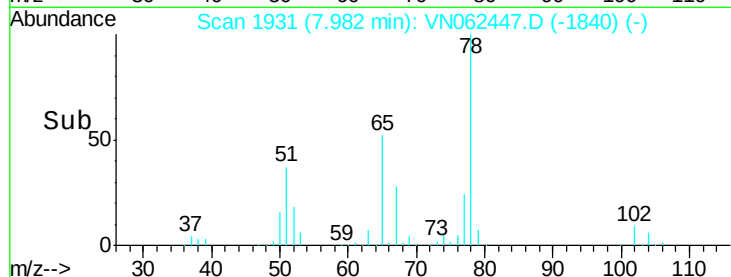
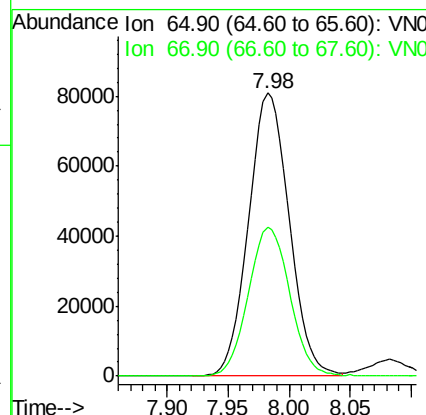
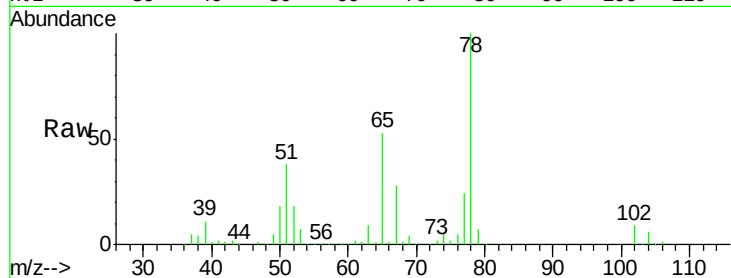




#33
 1,2-Dichloroethane-d4
 Concen: 44.962 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

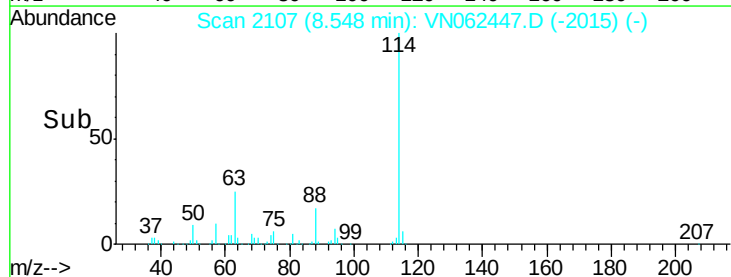
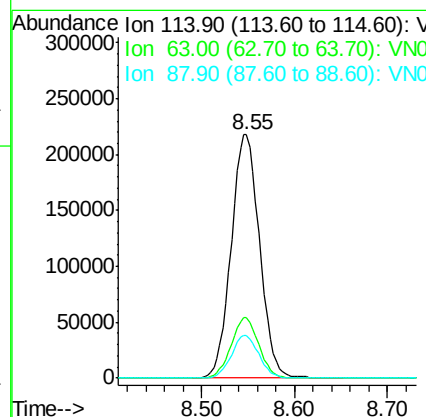
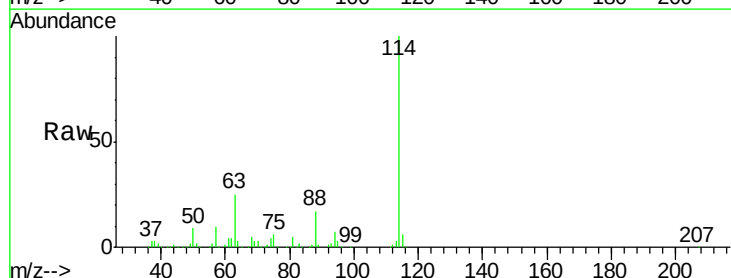
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

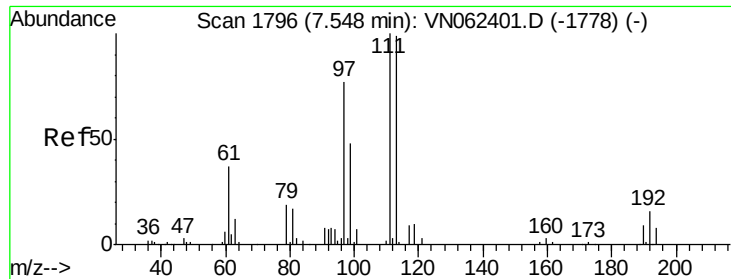
Tgt Ion: 65 Resp: 186695
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 114 Resp: 462282
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.4
 88 17.3 0.0 33.8

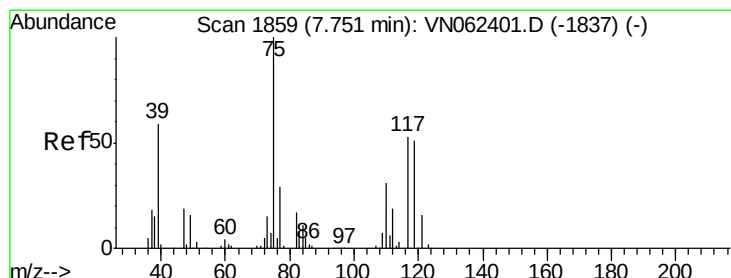
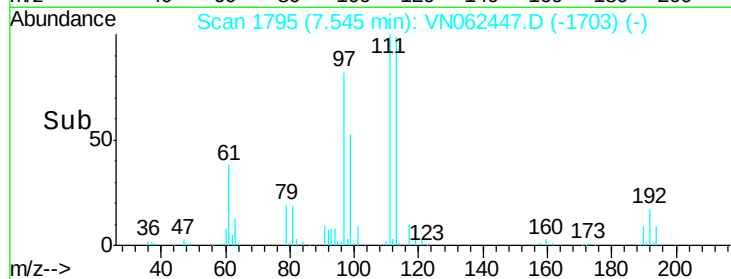
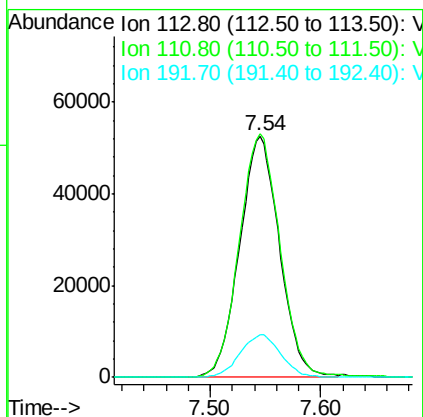
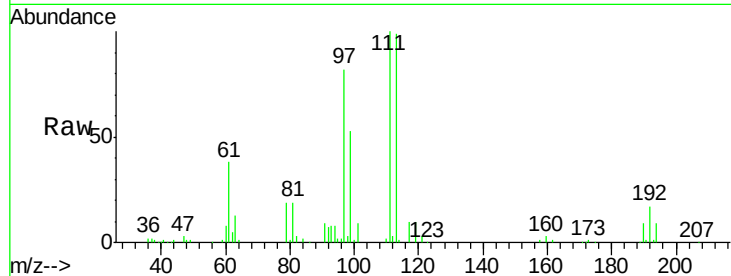




#35
 Dibromofluoromethane
 Concen: 45.988 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

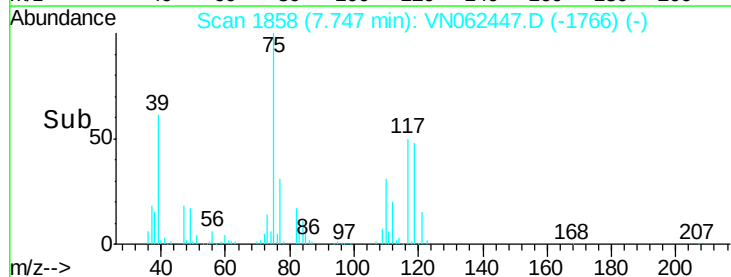
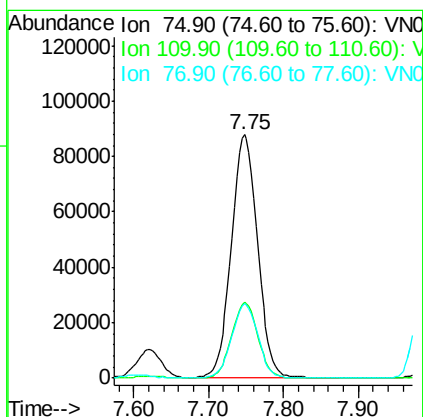
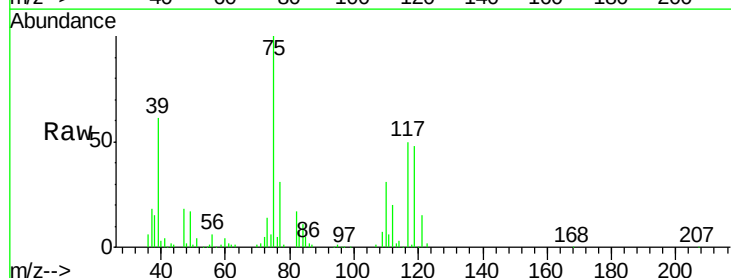
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

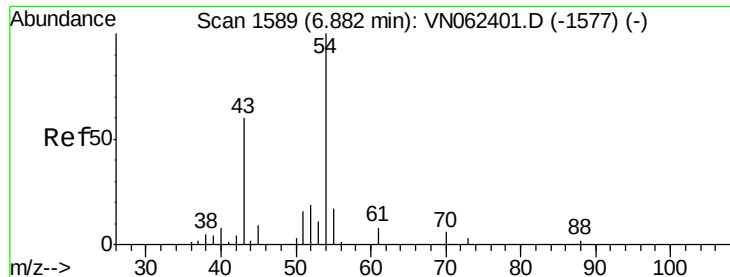
Tgt Ion: 113 Resp: 131413
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.1 124.7
 192 18.0 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 46.203 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 75 Resp: 215189
 Ion Ratio Lower Upper
 75 100
 110 31.0 15.4 46.2
 77 30.5 24.1 36.1

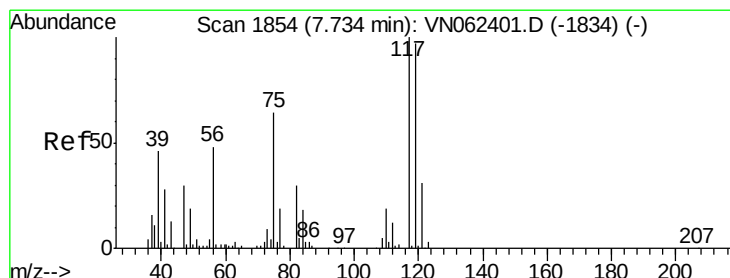
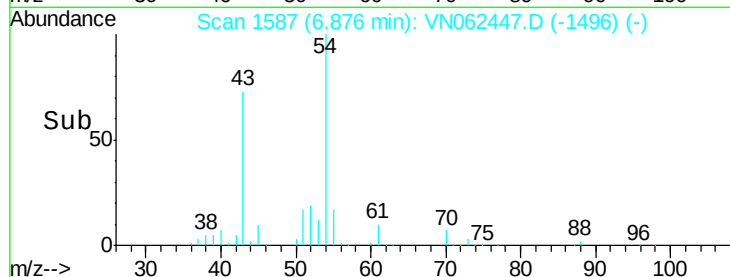
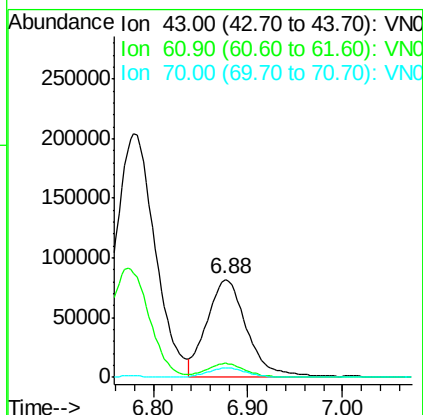
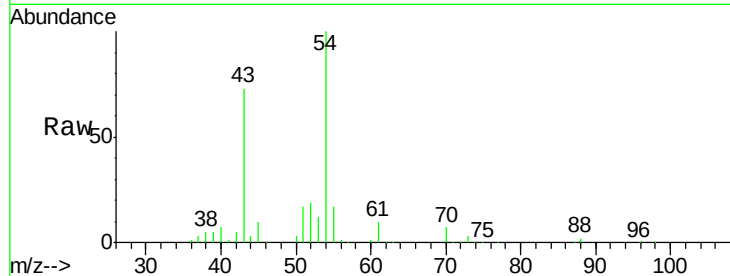




#37
Ethyl Acetate
Concen: 43.394 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

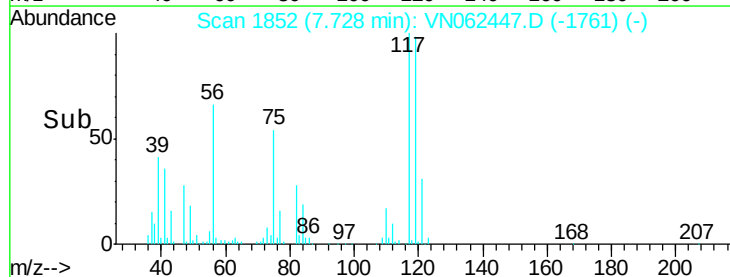
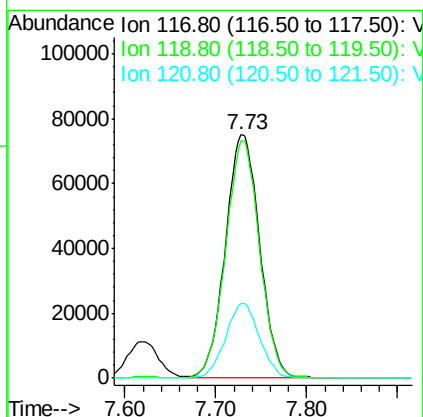
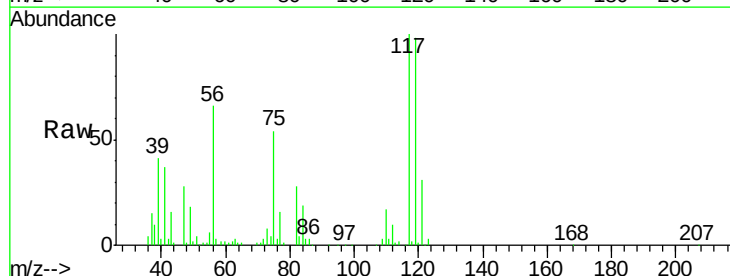
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

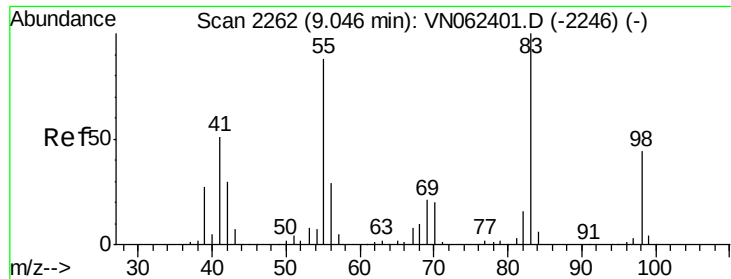
Tgt Ion: 43 Resp: 236324
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.026 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion: 117 Resp: 196907
Ion Ratio Lower Upper
117 100
119 97.4 77.2 115.8
121 30.6 24.8 37.2

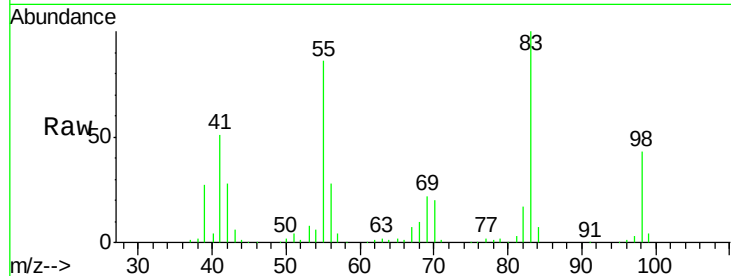




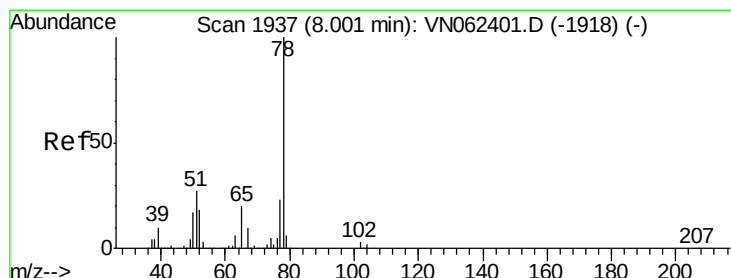
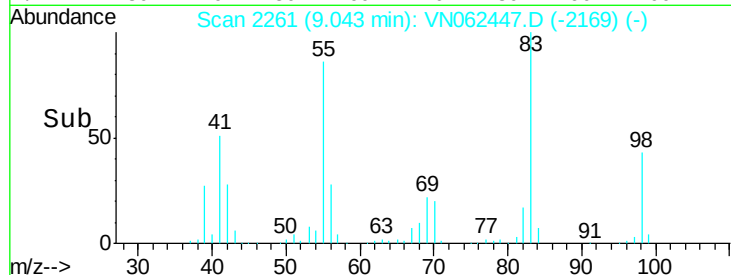
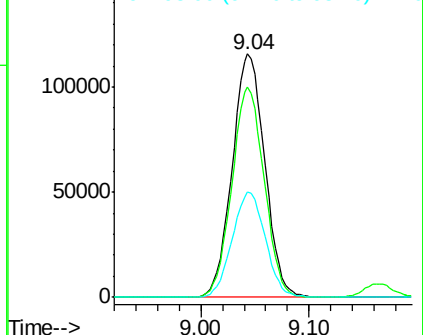
#39
Methylcyclohexane
Concen: 49.032 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 243801
Ion Ratio Lower Upper
83 100
55 86.4 70.5 105.7
98 43.2 35.5 53.3

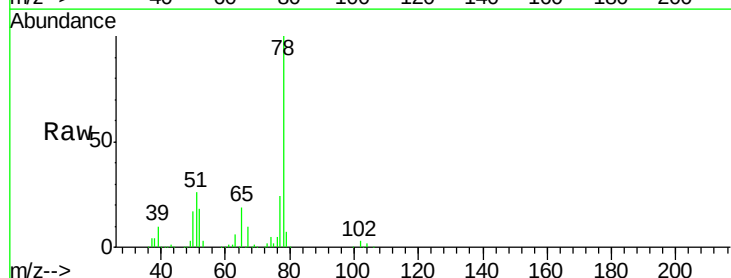


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

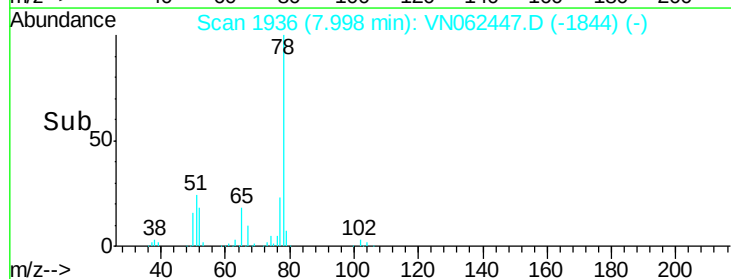
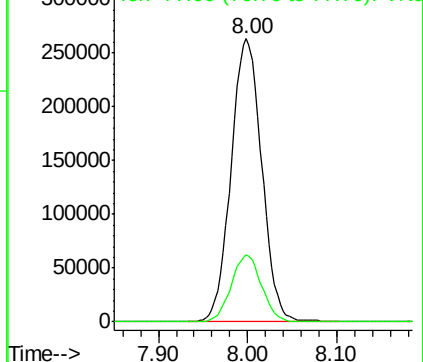


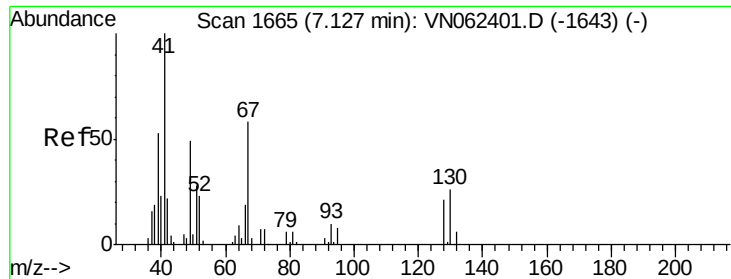
#40
Benzene
Concen: 45.702 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion: 78 Resp: 627330
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

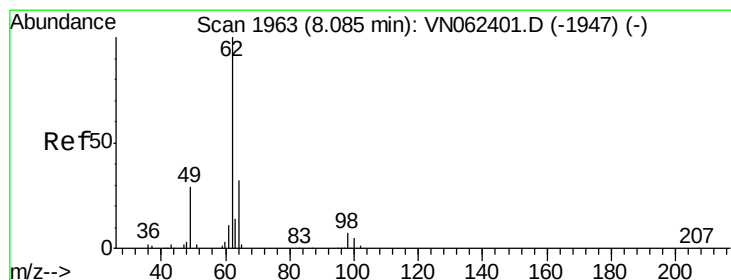
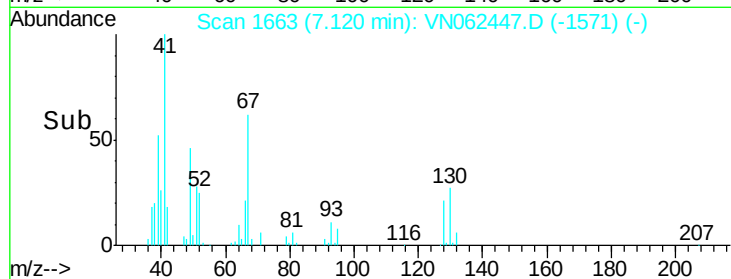
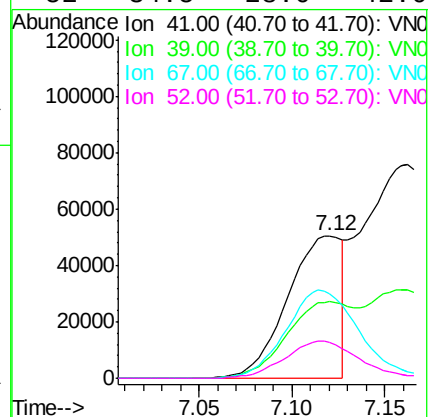
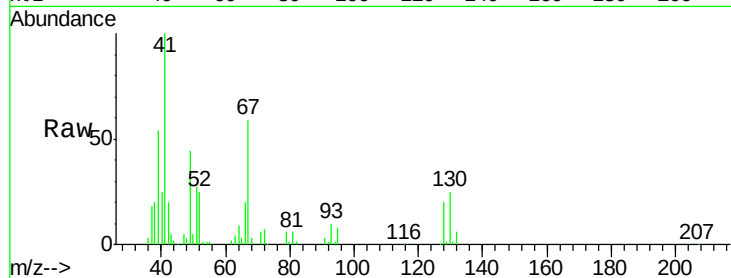




#41
Methacrylonitrile
Concen: 45.206 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

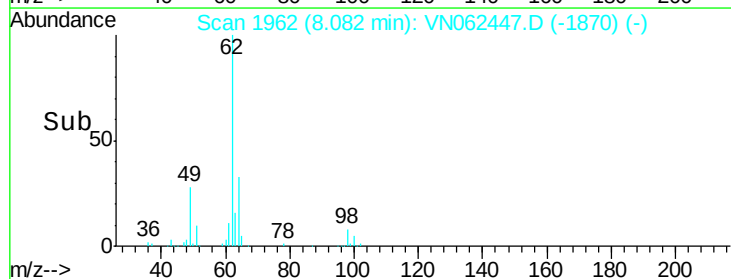
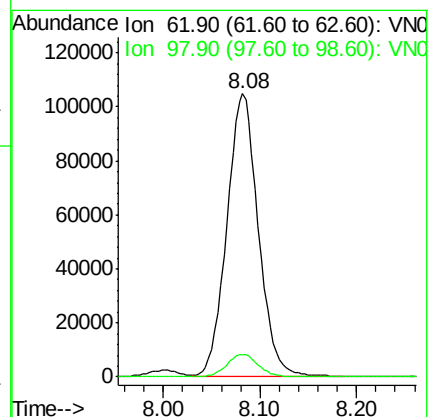
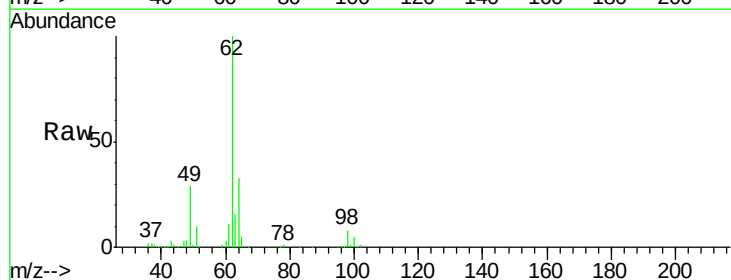
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

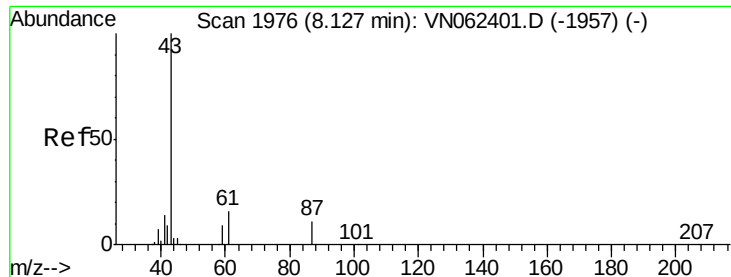
Tgt Ion:	41	Resp:	102861
Ion	Ratio	Lower	Upper
41	100		
39	68.7	50.2	75.2
67	84.1	64.2	96.2
52	34.5	28.0	42.0



#42
1,2-Dichloroethane
Concen: 46.903 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion:	62	Resp:	235737
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 46.013 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

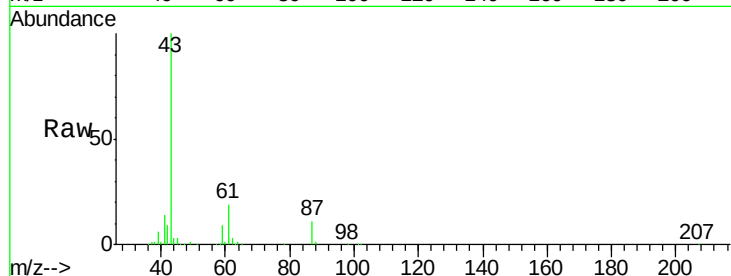
Tgt Ion: 43 Resp: 395859

Ion Ratio Lower Upper

43 100

61 25.0 19.3 28.9

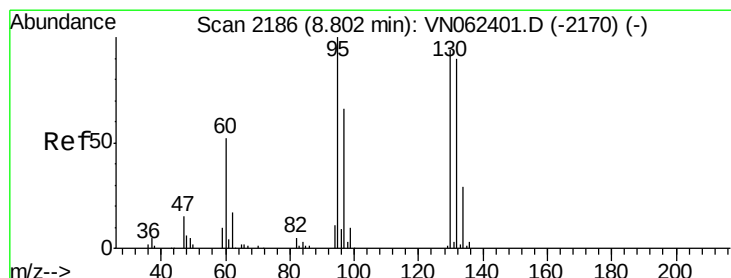
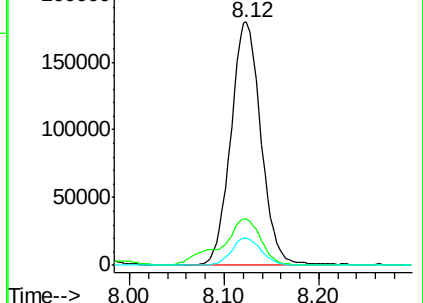
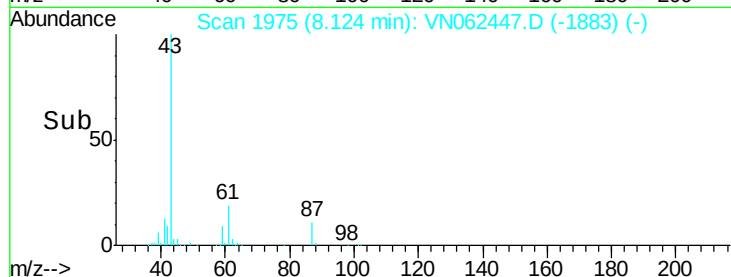
87 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062447.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062447.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062447.D (-1883) (-)



#44

Trichloroethene

Concen: 47.935 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062447.D

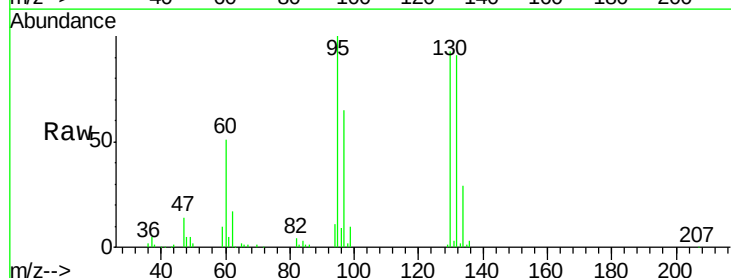
Acq: 9 Jul 2020 10:20

Tgt Ion: 130 Resp: 145988

Ion Ratio Lower Upper

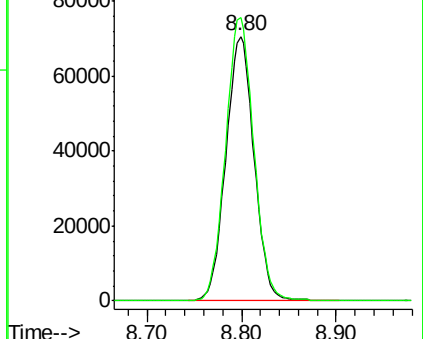
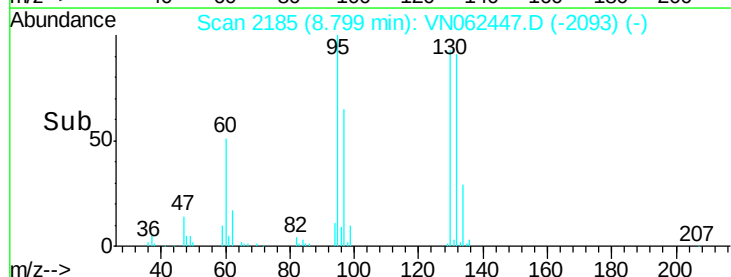
130 100

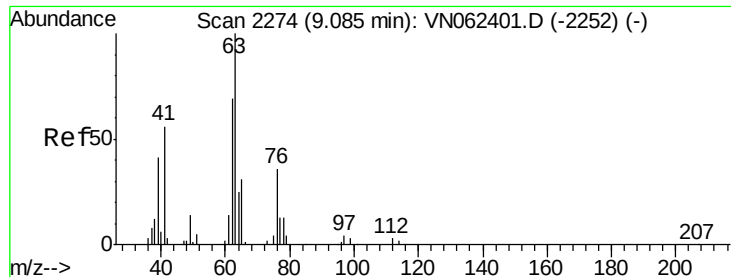
95 107.1 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062447.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062447.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 45.777 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

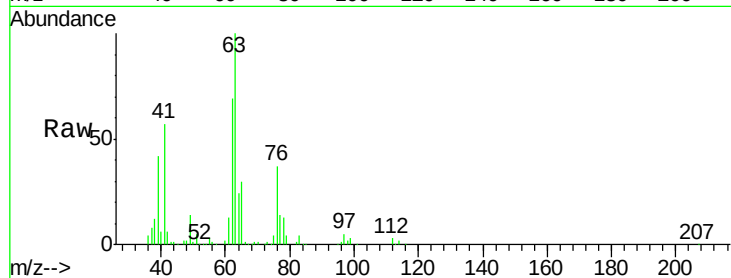
VSTDCCC050

Tgt Ion: 63 Resp: 182408

Ion Ratio Lower Upper

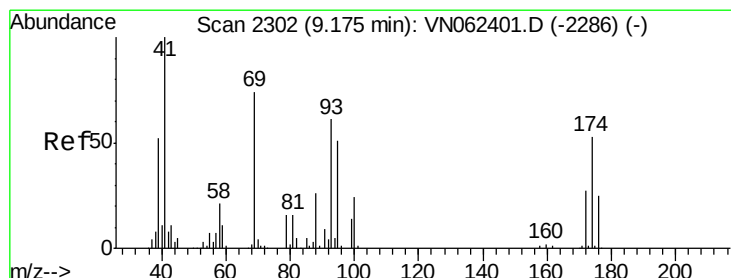
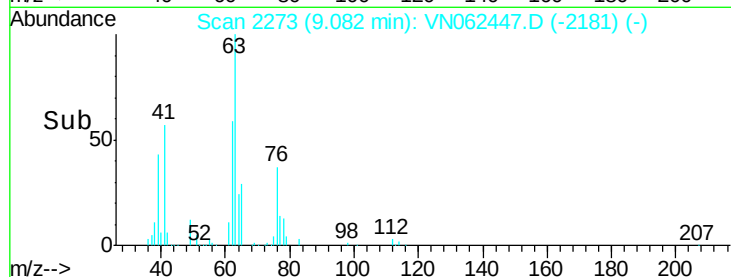
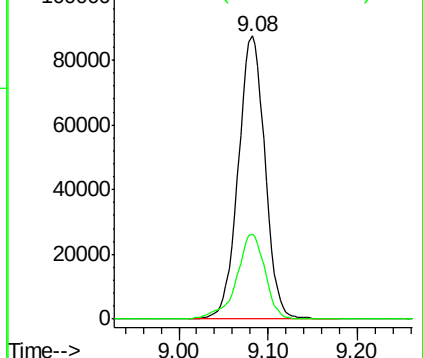
63 100

65 30.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 46.908 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

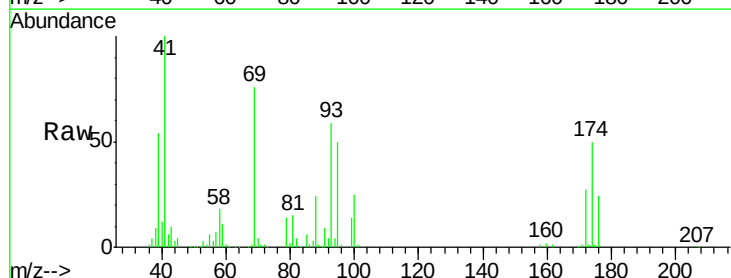
Tgt Ion: 93 Resp: 105482

Ion Ratio Lower Upper

93 100

95 84.6 67.1 100.7

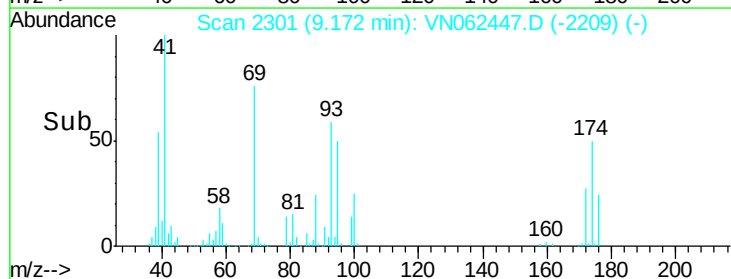
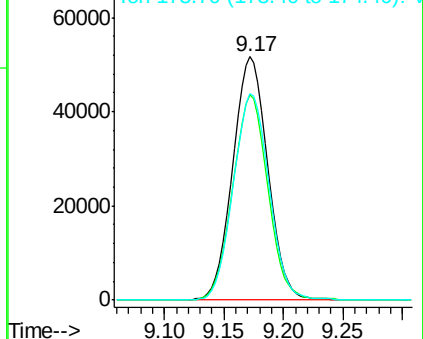
174 86.6 70.4 105.6

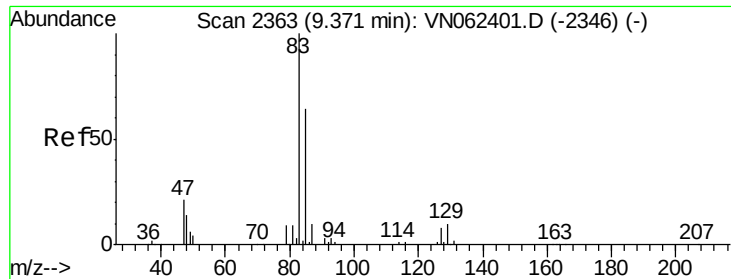


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.855 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

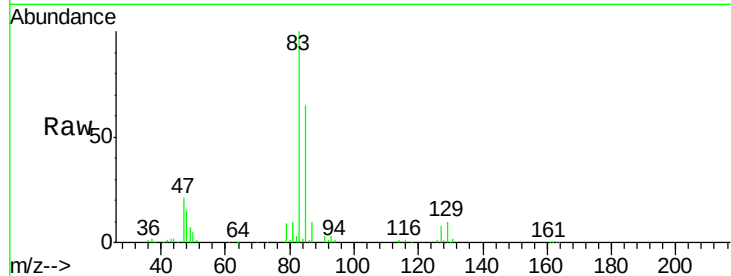
Tgt Ion: 83 Resp: 225260

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

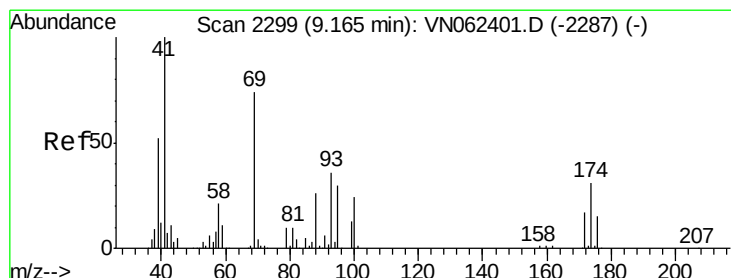
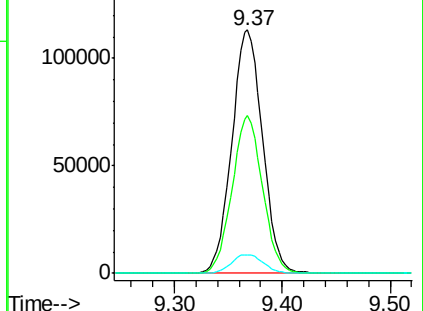
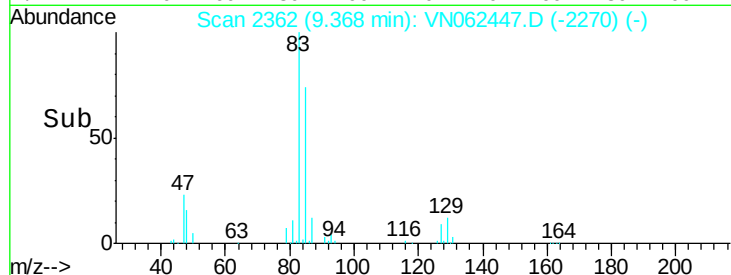
127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062447.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062447.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062447.D (-2270) (-)



#48

Methyl methacrylate

Concen: 46.184 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

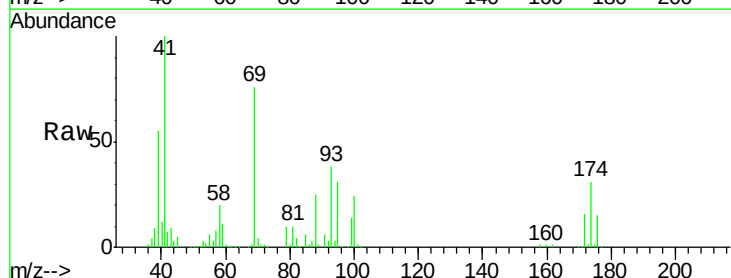
Tgt Ion: 41 Resp: 194903

Ion Ratio Lower Upper

41 100

69 77.8 60.8 91.2

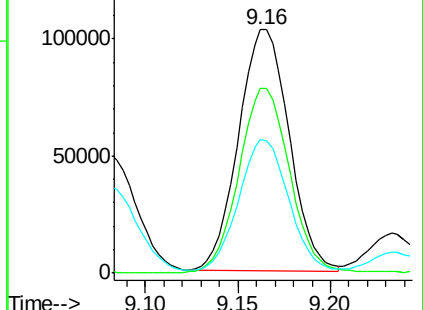
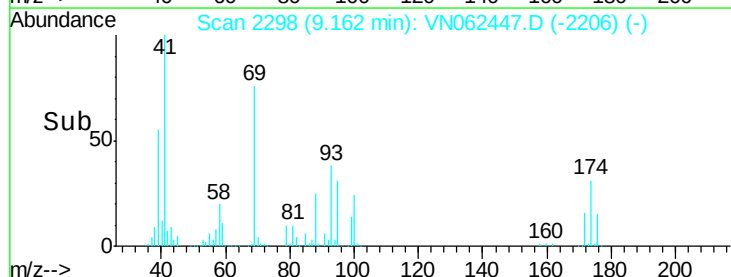
39 55.1 43.5 65.3

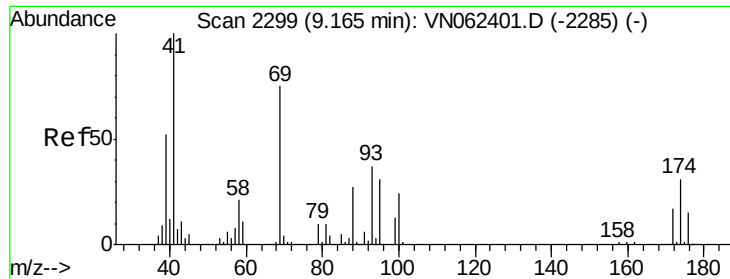


Abundance Ion 41.00 (40.70 to 41.70): VN062447.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062447.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062447.D (-2206) (-)

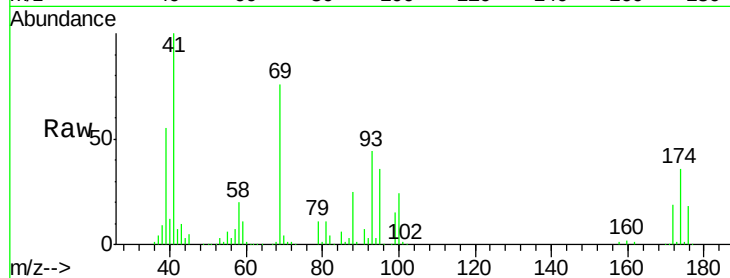




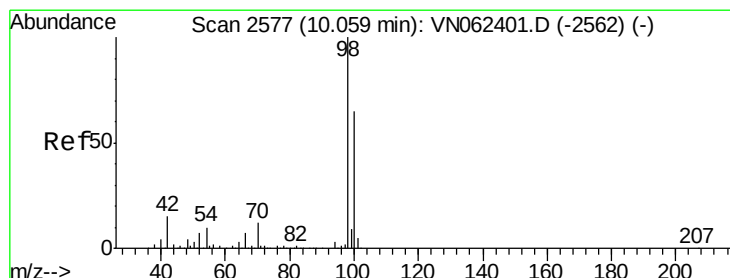
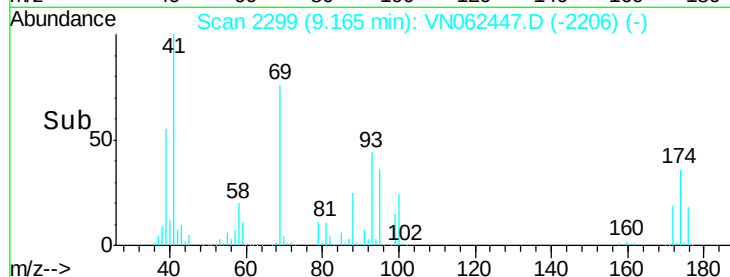
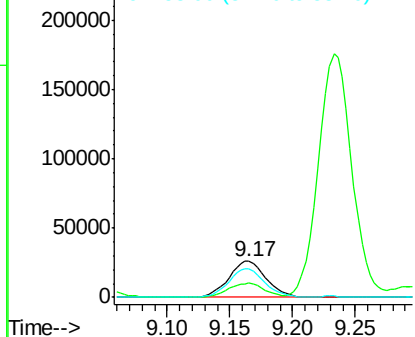
#49
1,4-Dioxane
Concen: 879.261 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 54008
Ion Ratio Lower Upper
88 100
43 36.5 31.0 46.4
58 76.8 63.3 94.9

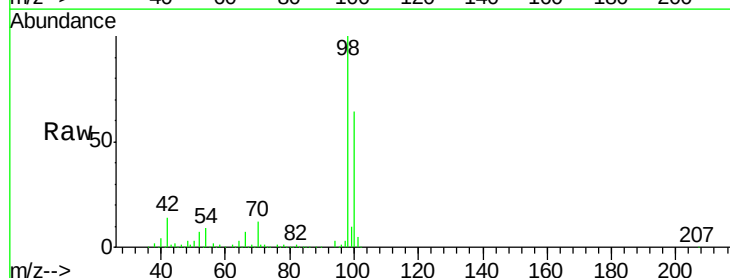


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

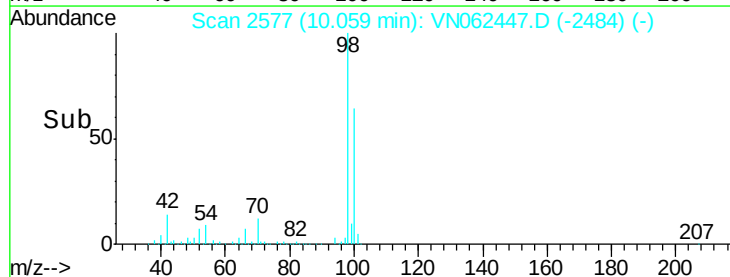
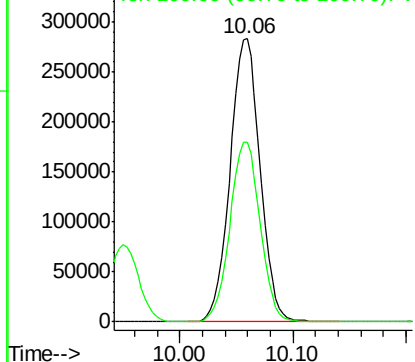


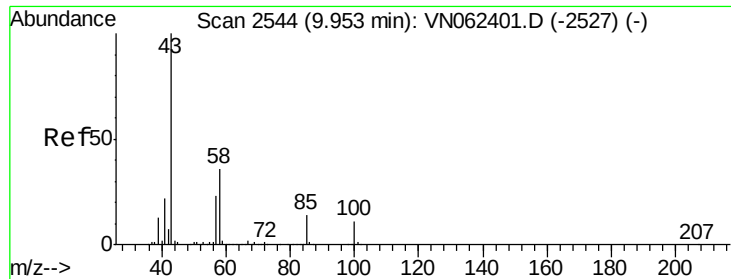
#50
Toluene-d8
Concen: 46.373 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion: 98 Resp: 523114
Ion Ratio Lower Upper
98 100
100 63.5 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: 228.380 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

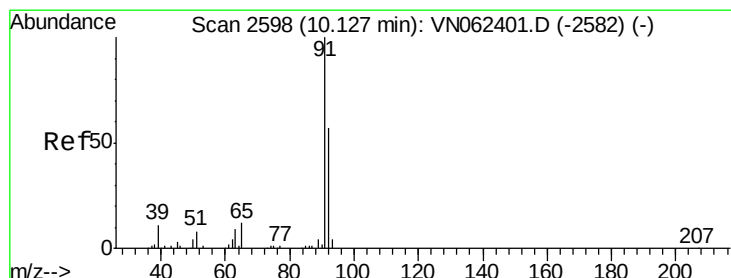
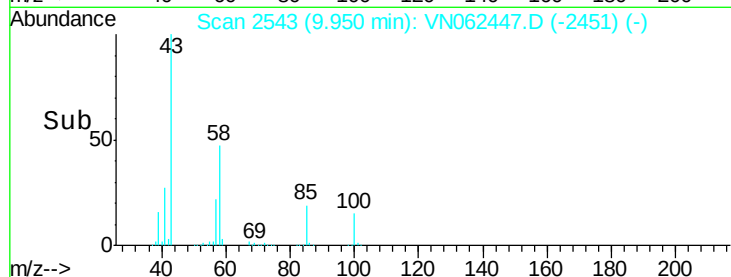
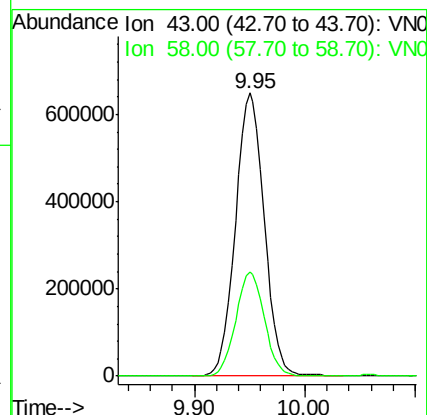
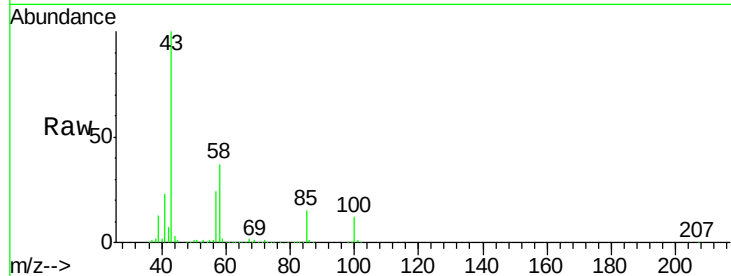
VSTDCCC050

Tgt Ion: 43 Resp: 1173531

Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.6



#52

Toluene

Concen: 47.262 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062447.D

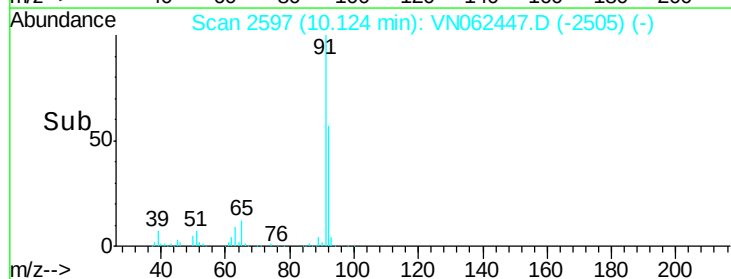
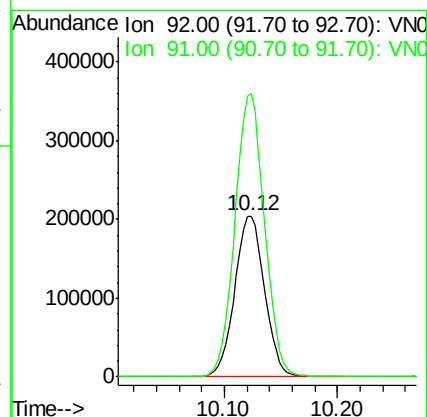
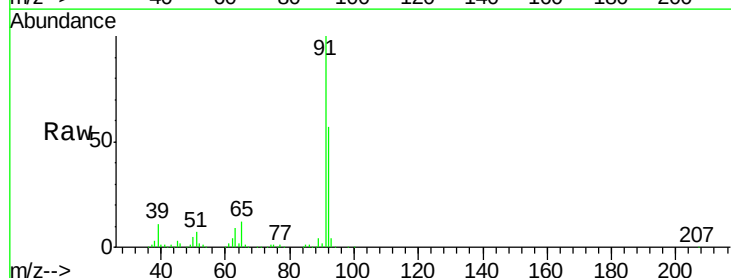
Acq: 9 Jul 2020 10:20

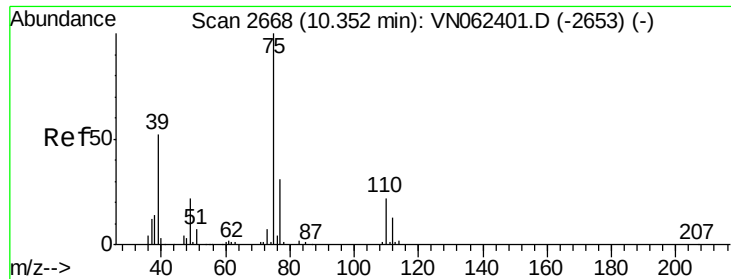
Tgt Ion: 92 Resp: 374722

Ion Ratio Lower Upper

92 100

91 174.6 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 48.681 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

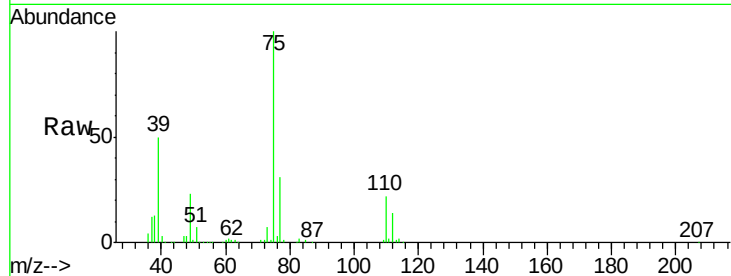
VSTDCCC050

Tgt Ion: 75 Resp: 262203

Ion Ratio Lower Upper

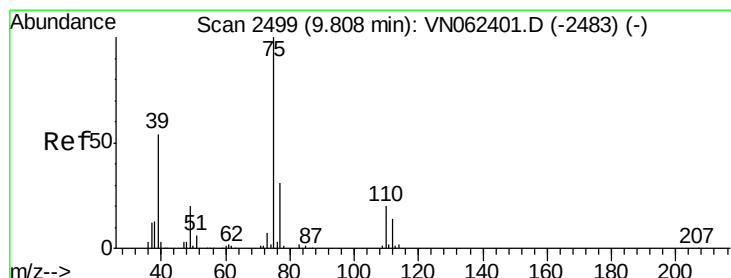
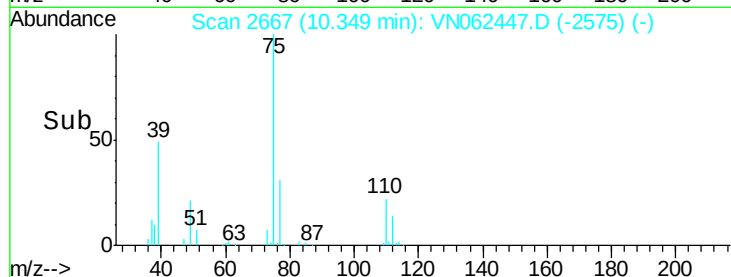
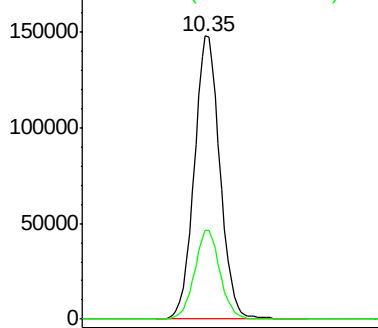
75 100

77 31.2 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 47.528 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

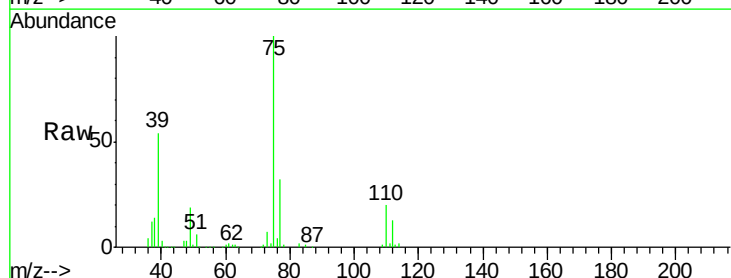
Tgt Ion: 75 Resp: 282450

Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7

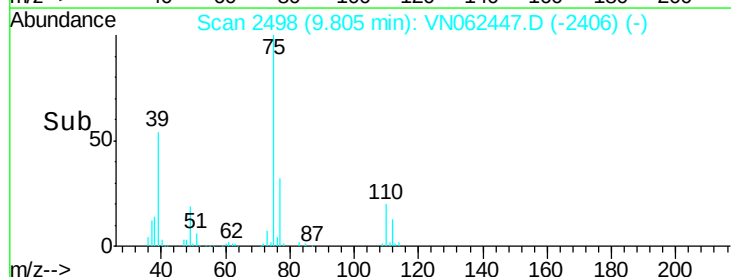
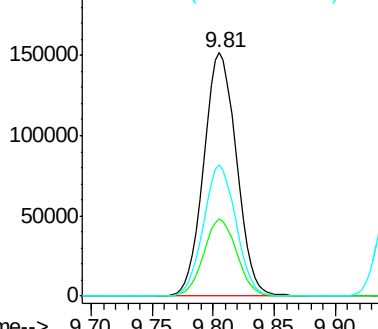
39 53.9 43.4 65.0

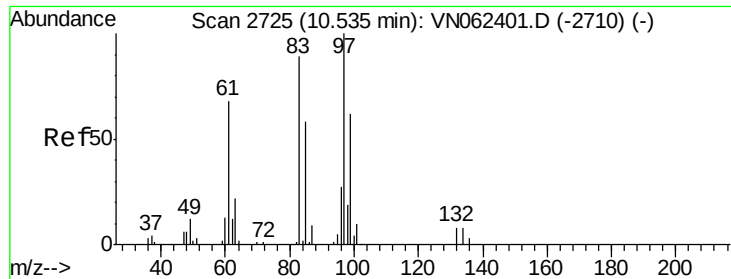


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

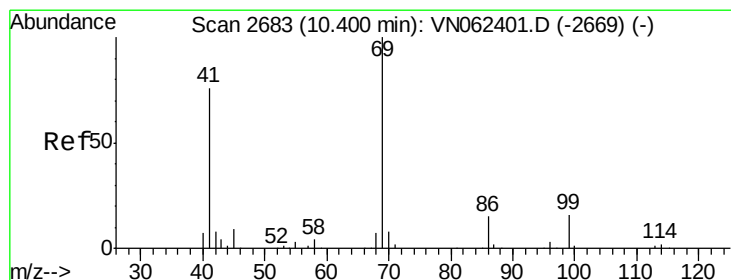
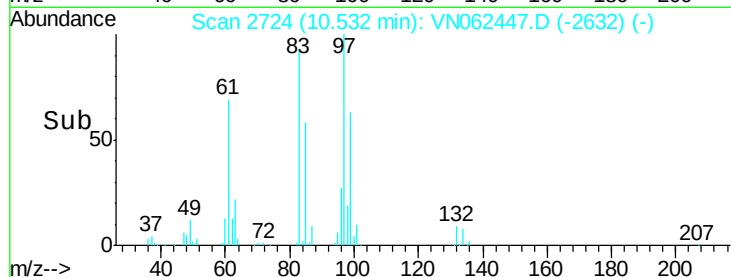
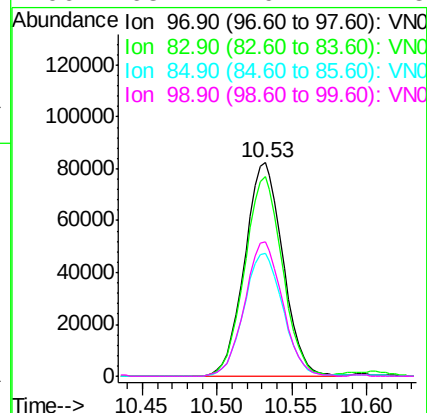
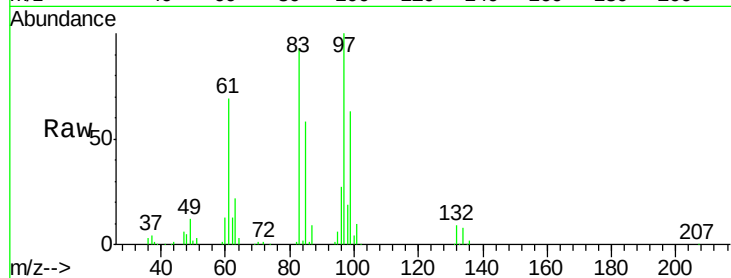




#55
 1,1,2-Trichloroethane
 Concen: 47.036 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

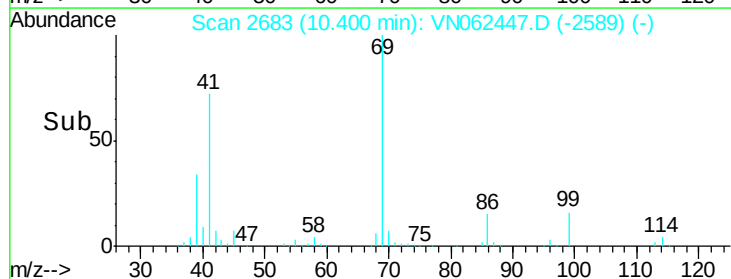
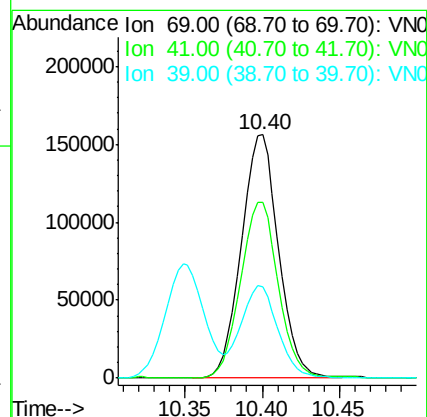
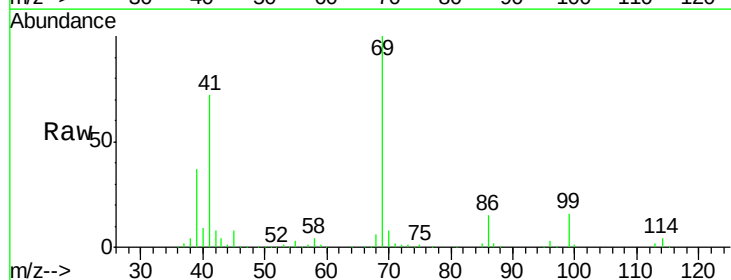
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

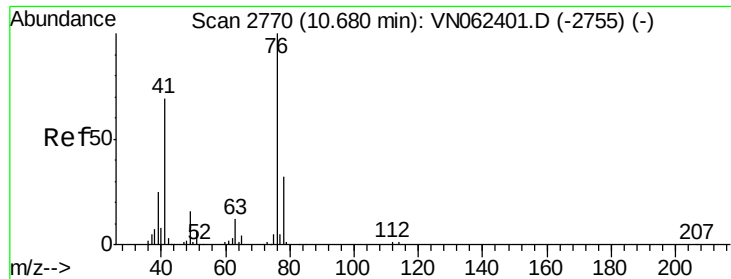
Tgt Ion: 97 Resp: 146675
 Ion Ratio Lower Upper
 97 100
 83 93.5 71.0 106.4
 85 57.6 46.2 69.4
 99 63.1 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 45.678 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 69 Resp: 261263
 Ion Ratio Lower Upper
 69 100
 41 72.7 59.7 89.5
 39 37.8 30.6 45.8

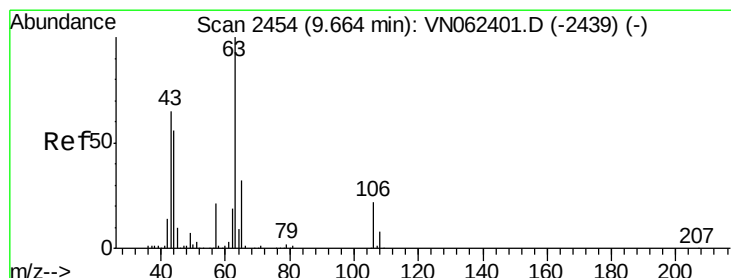
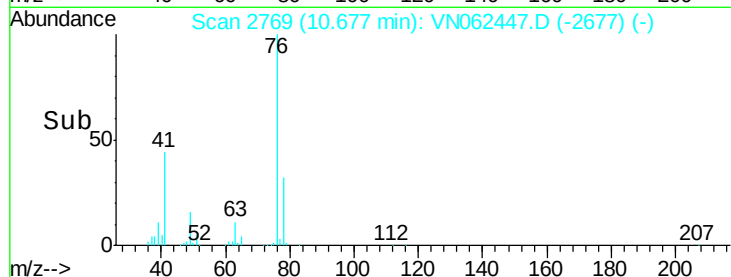
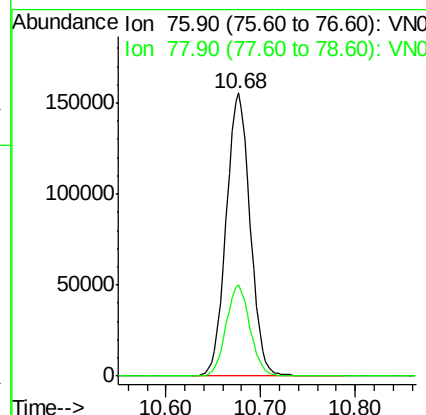
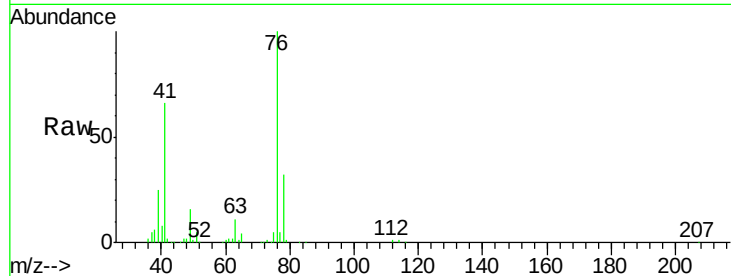




#57
 1,3-Dichloropropane
 Concen: 47.607 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

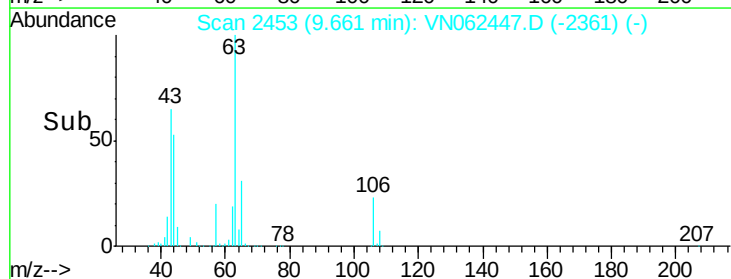
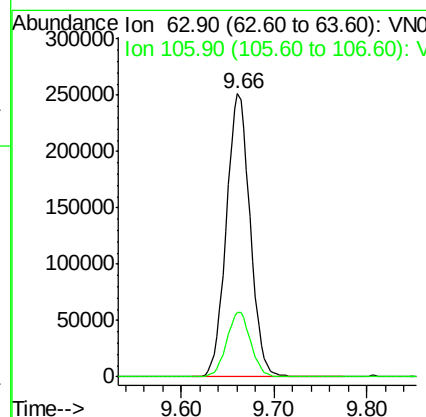
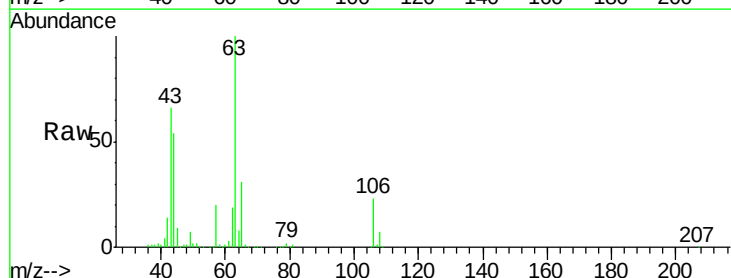
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

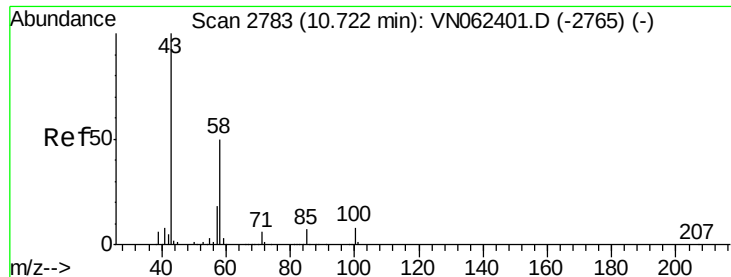
Tgt Ion: 76 Resp: 274270
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.200 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 63 Resp: 446220
 Ion Ratio Lower Upper
 63 100
 106 23.0 17.6 26.4

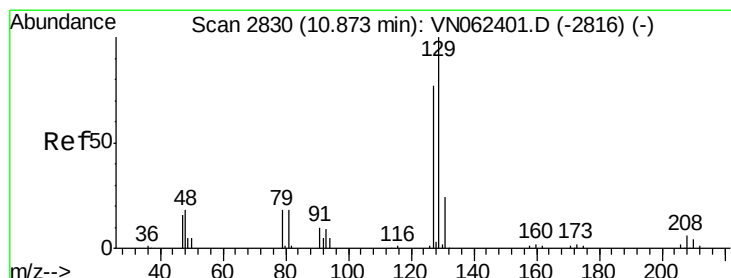
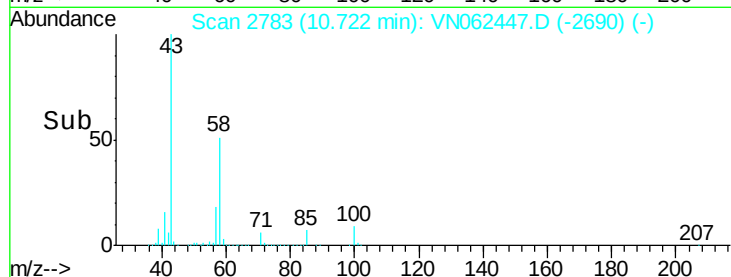
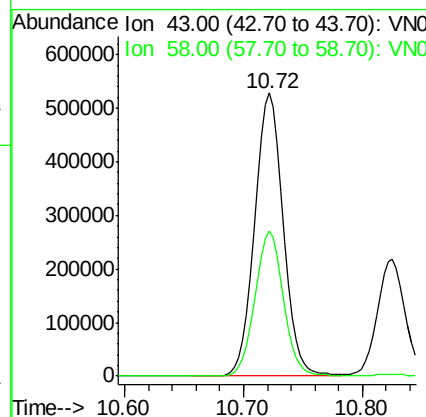
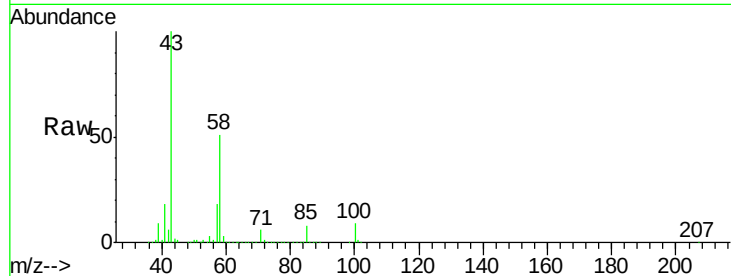




#59
2-Hexanone
Concen: 235.203 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

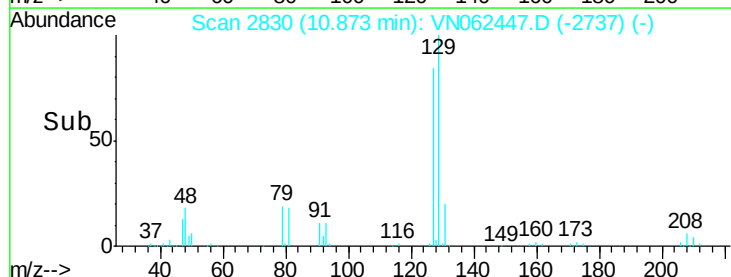
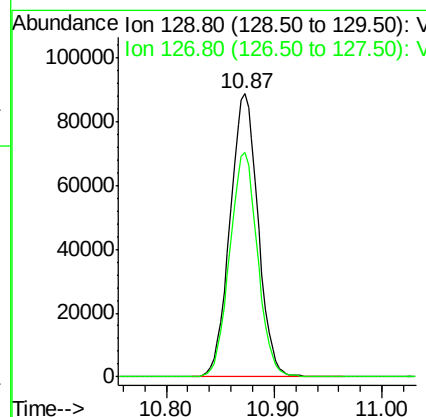
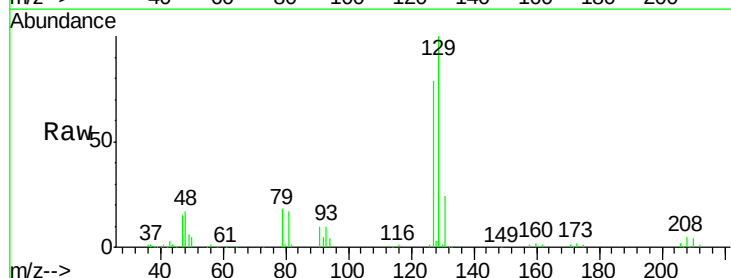
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

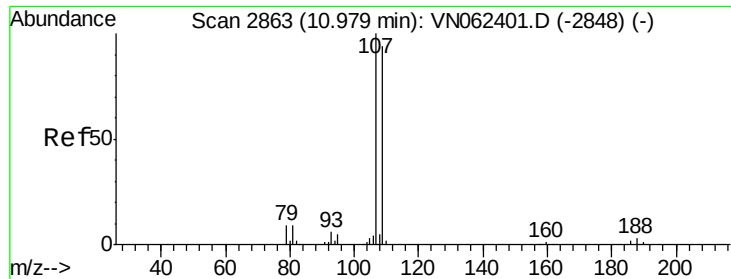
Tgt Ion: 43 Resp: 877399
Ion Ratio Lower Upper
43 100
58 51.1 25.1 75.2



#60
Dibromochloromethane
Concen: 47.653 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion: 129 Resp: 161123
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8

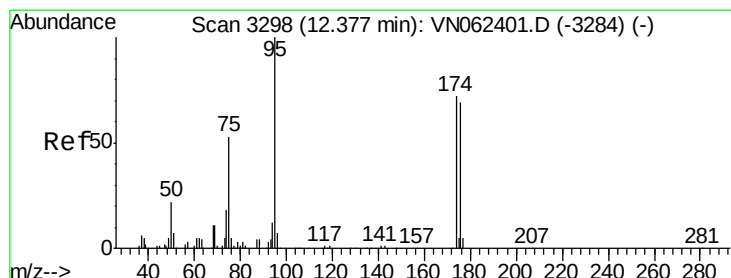
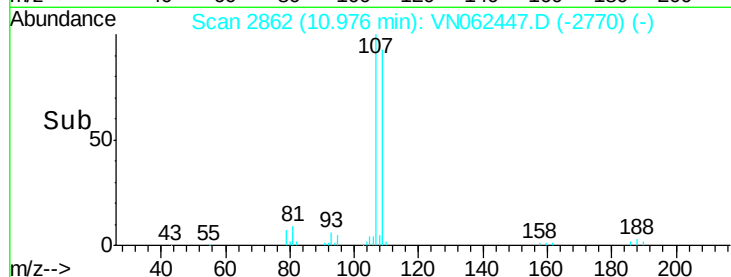
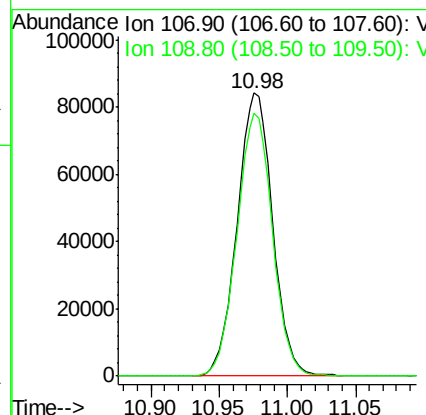
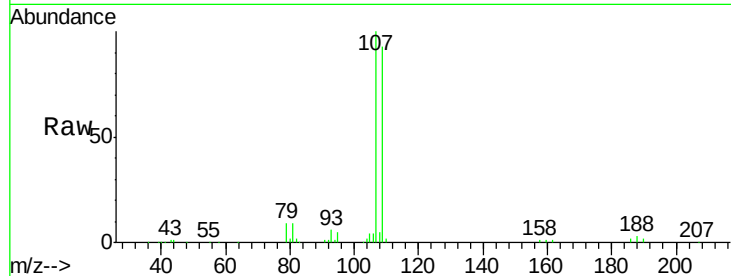




#61
 1,2-Dibromoethane
 Concen: 48.251 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

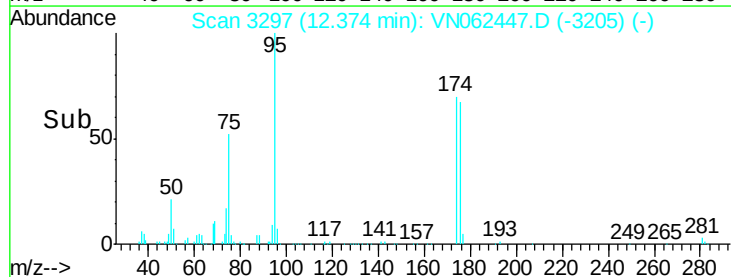
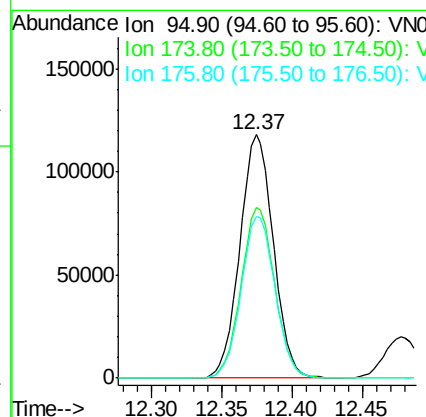
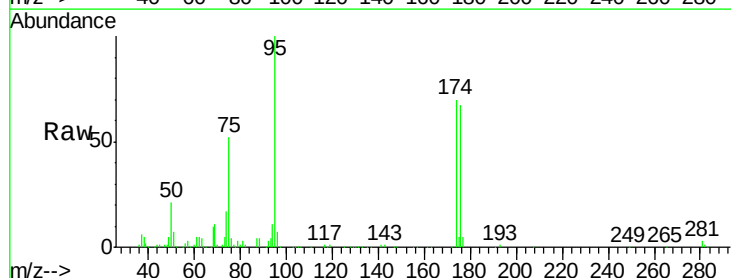
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

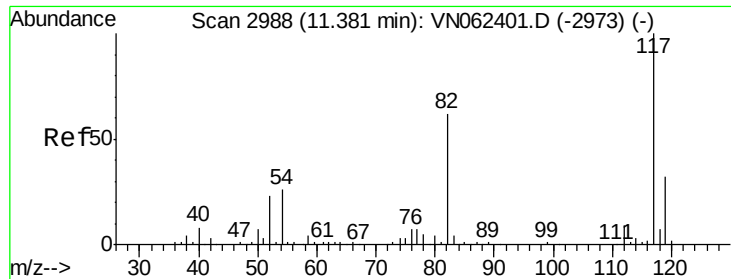
Tgt Ion: 107 Resp: 151887
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.708 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 95 Resp: 196669
 Ion Ratio Lower Upper
 95 100
 174 70.3 0.0 141.6
 176 67.3 0.0 137.2

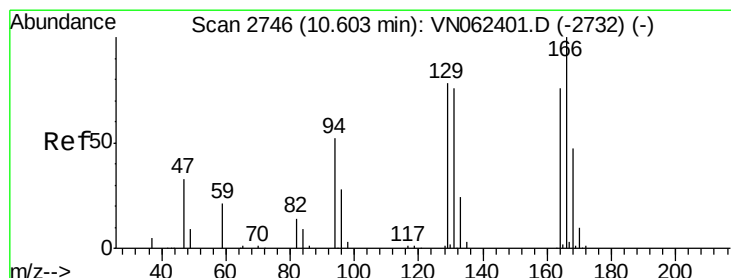
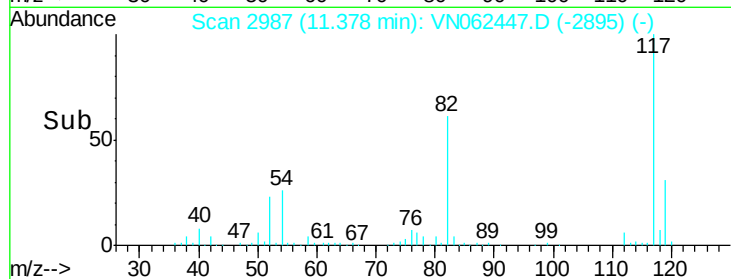
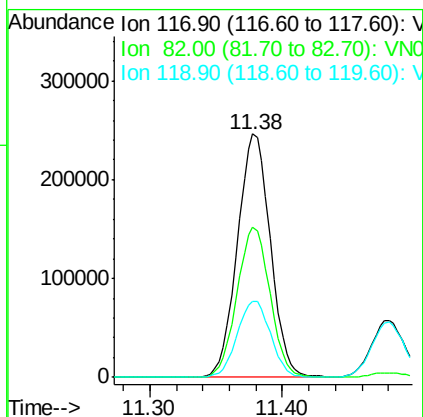
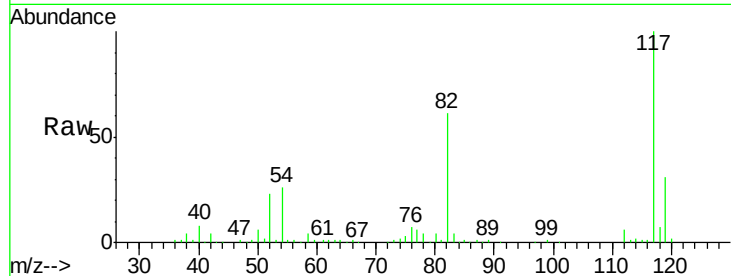




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

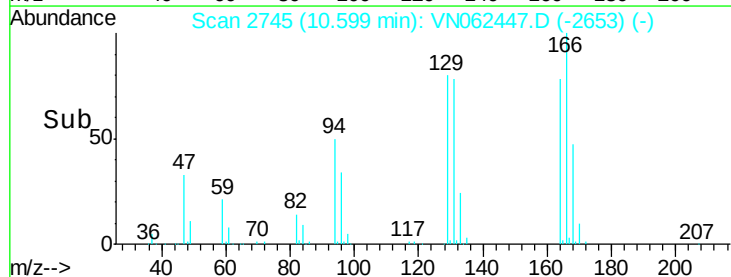
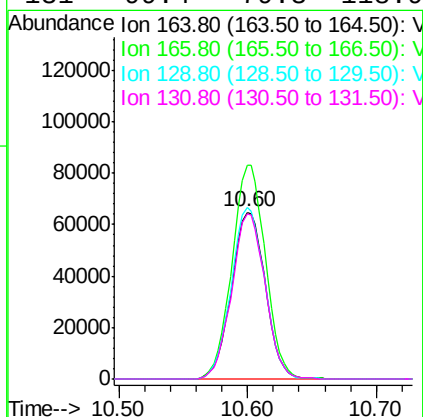
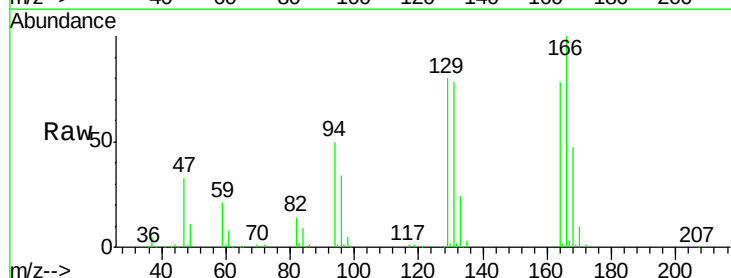
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

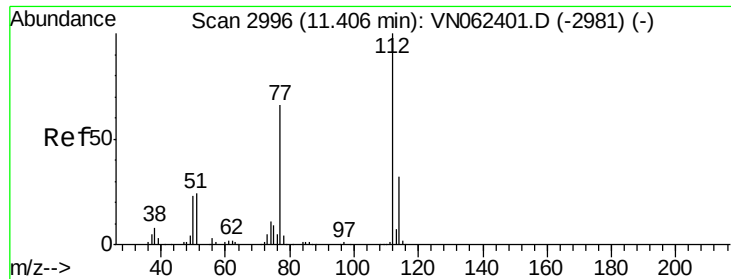
Tgt Ion:117 Resp: 425842
Ion Ratio Lower Upper
117 100
82 61.5 49.6 74.4
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 46.635 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion:164 Resp: 117844
Ion Ratio Lower Upper
164 100
166 128.2 104.9 157.3
129 102.9 81.8 122.6
131 99.4 79.3 118.9





#65

Chlorobenzene

Concen: 47.334 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

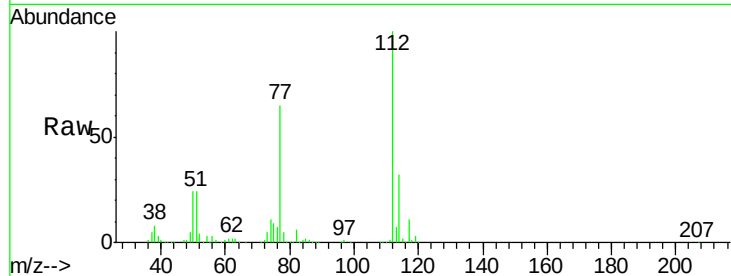
VSTDCCC050

Tgt Ion:112 Resp: 391757

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

250000

200000

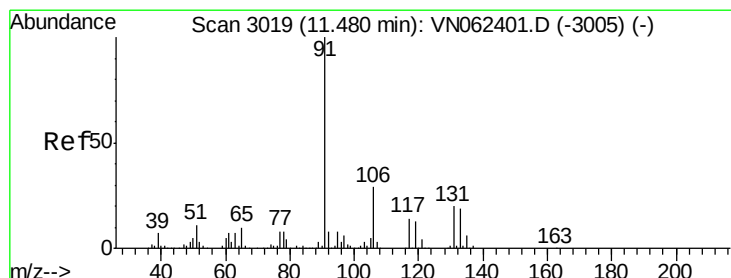
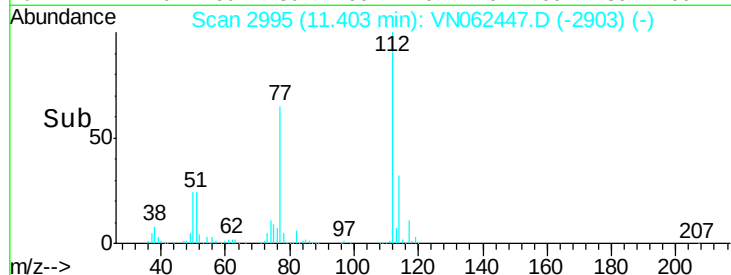
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 47.351 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

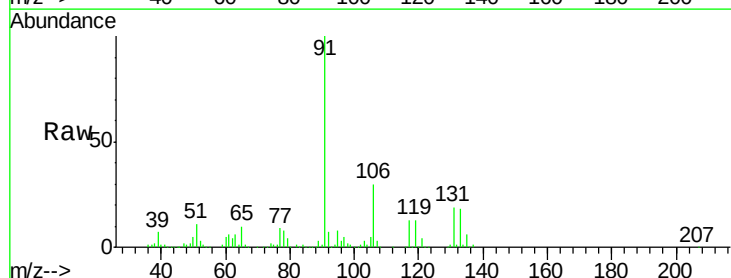
Tgt Ion:131 Resp: 144518

Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.8

119 67.4 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

11.48

100000

80000

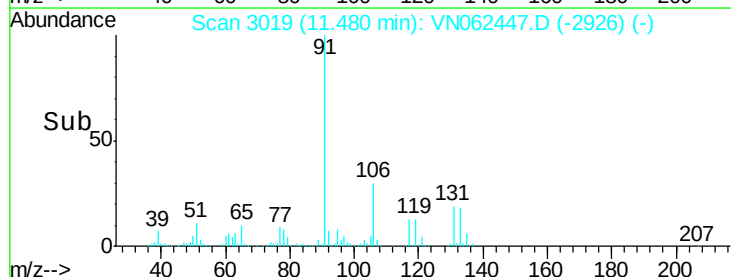
60000

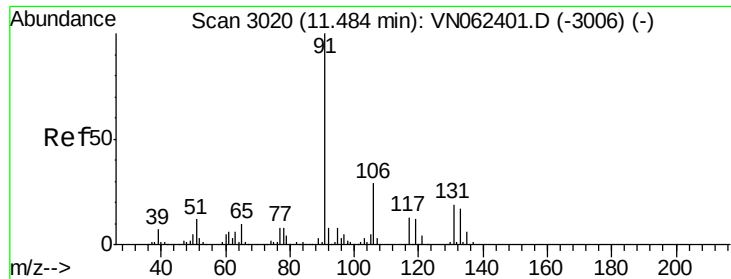
40000

20000

0

Time--> 11.40 11.45 11.50 11.55





#67

Ethyl Benzene

Concen: 47.643 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

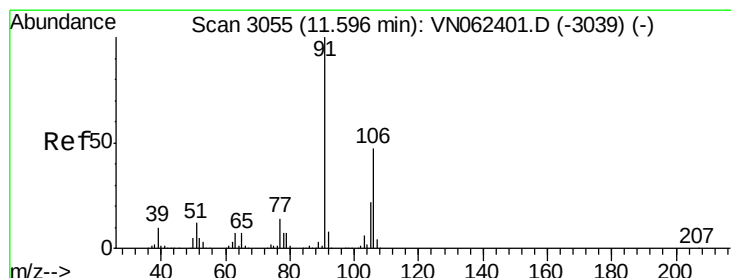
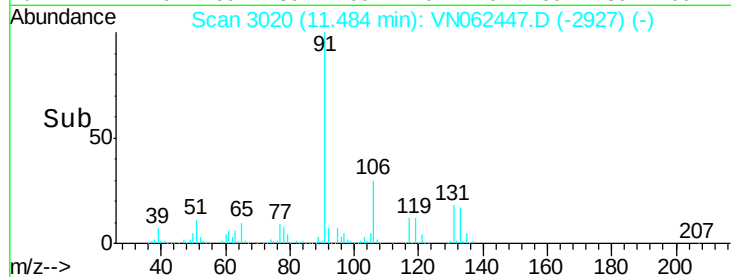
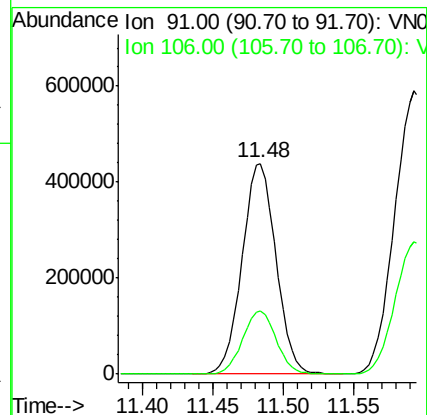
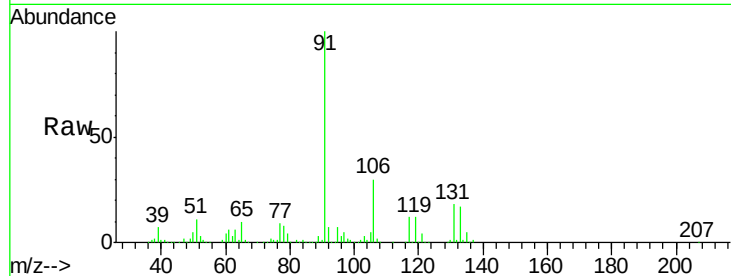
VSTDCCC050

Tgt Ion: 91 Resp: 740157

Ion Ratio Lower Upper

91 100

106 30.3 23.4 35.2



#68

m/p-Xylenes

Concen: 97.300 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062447.D

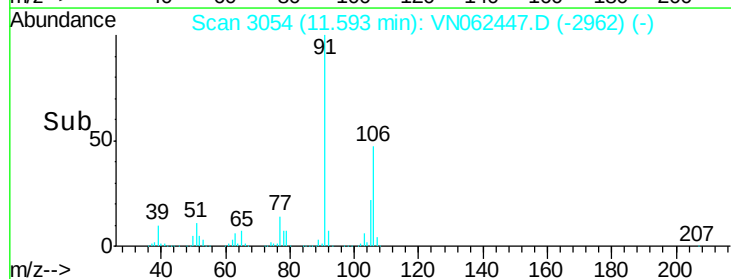
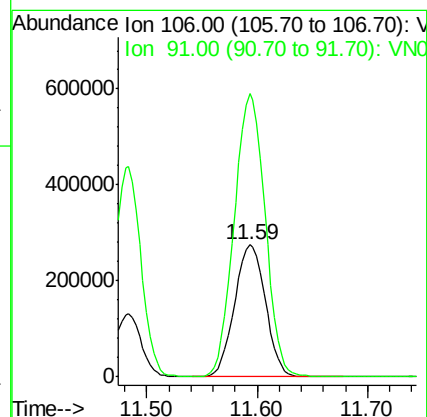
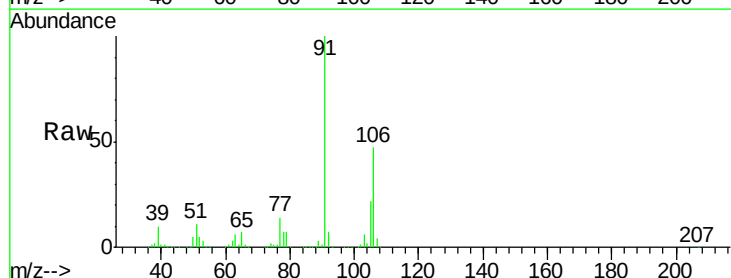
Acq: 9 Jul 2020 10:20

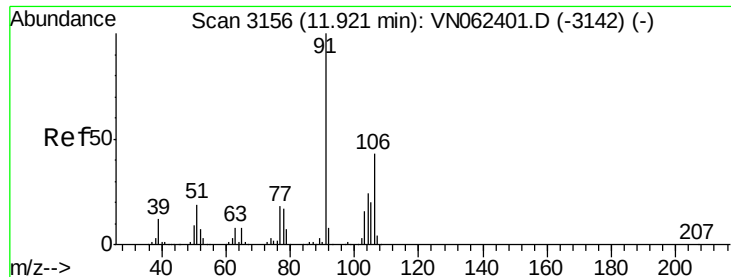
Tgt Ion: 106 Resp: 535119

Ion Ratio Lower Upper

106 100

91 214.2 172.4 258.6

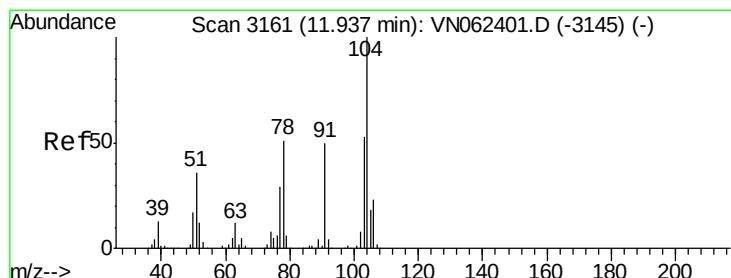
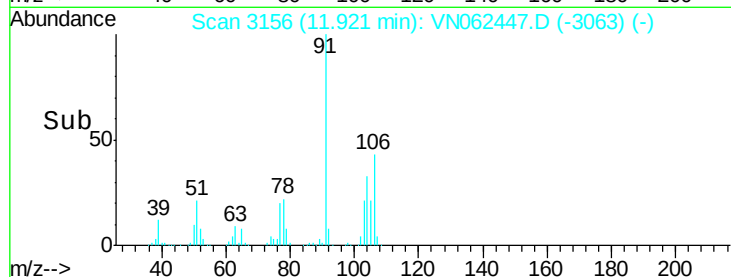
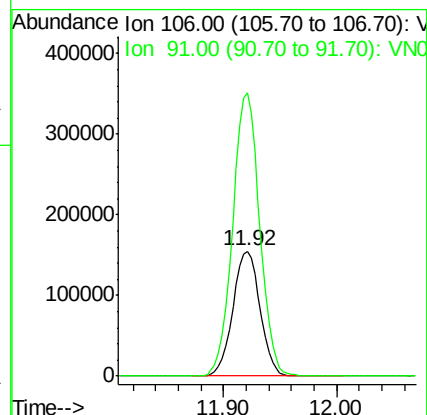
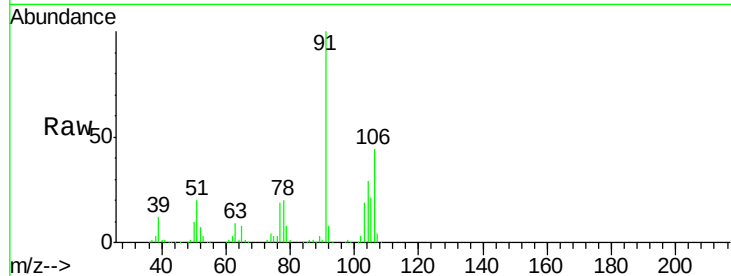




#69
o-Xylene
Concen: 48.293 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

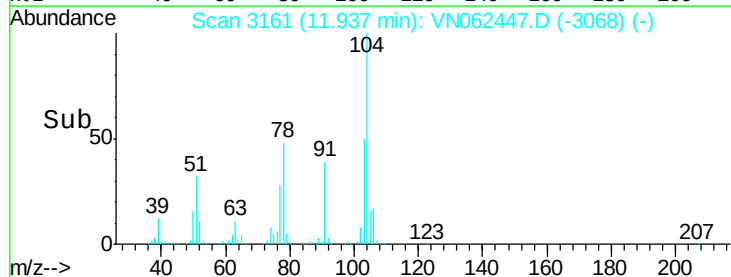
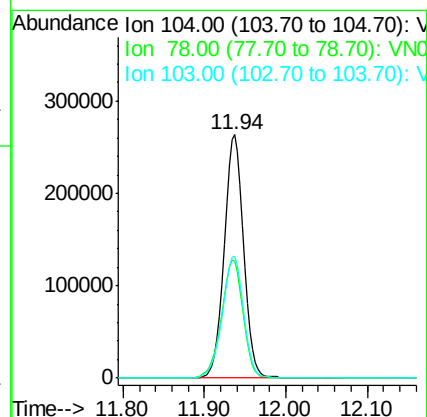
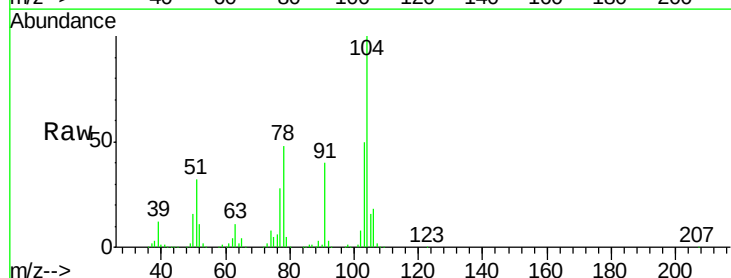
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

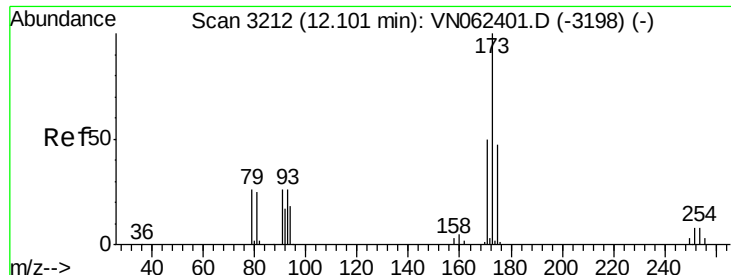
Tgt Ion:106 Resp: 258595
Ion Ratio Lower Upper
106 100
91 225.0 113.8 341.4



#70
Styrene
Concen: 50.237 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion:104 Resp: 444584
Ion Ratio Lower Upper
104 100
78 54.0 44.2 66.4
103 55.1 44.4 66.6





#71

Bromoform

Concen: 49.127 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

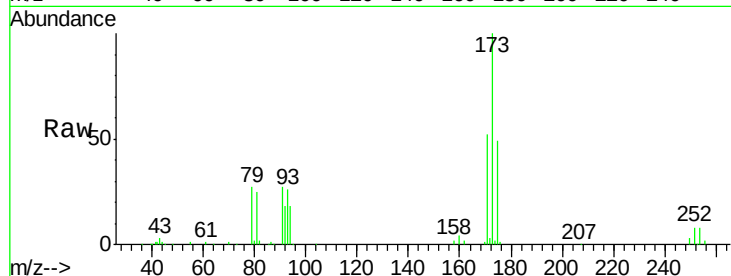
Tgt Ion:173 Resp: 109915

Ion Ratio Lower Upper

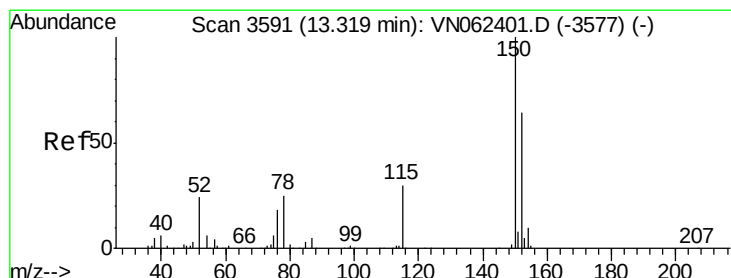
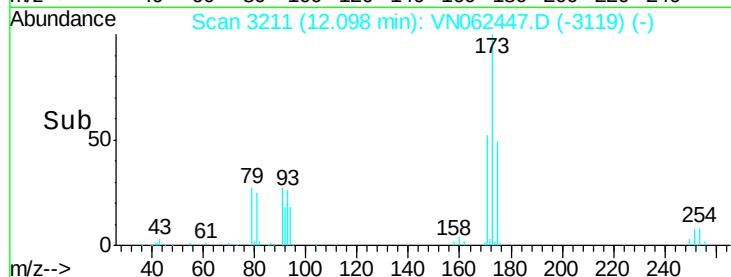
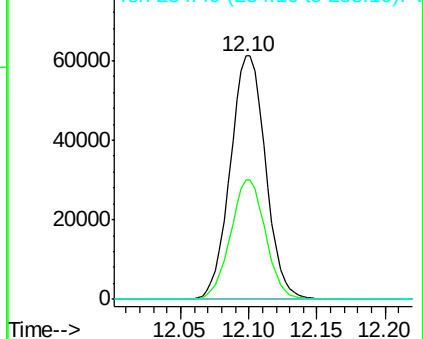
173 100

175 48.5 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# 3590

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

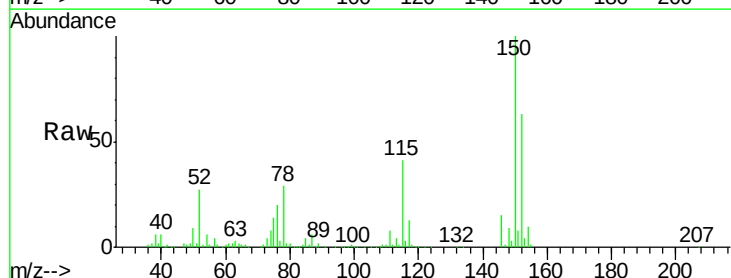
Tgt Ion:152 Resp: 194591

Ion Ratio Lower Upper

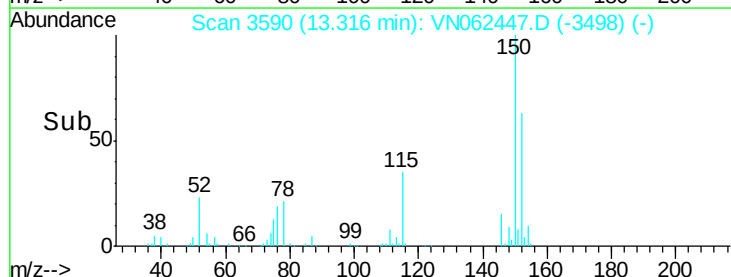
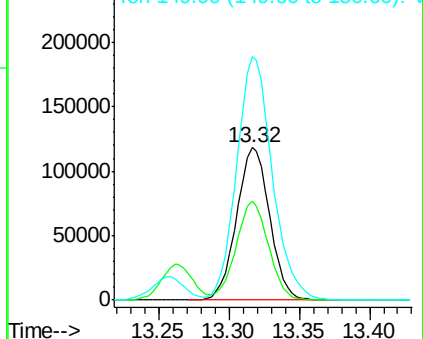
152 100

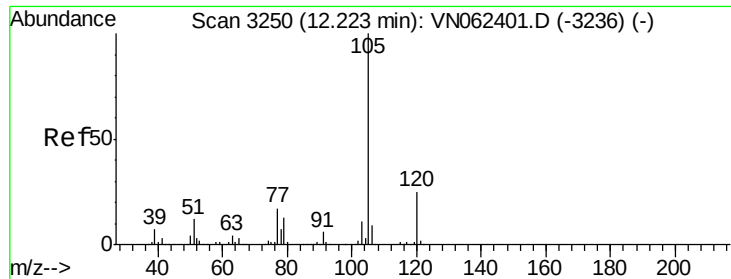
115 63.7 31.4 94.2

150 172.4 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: 46.324 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

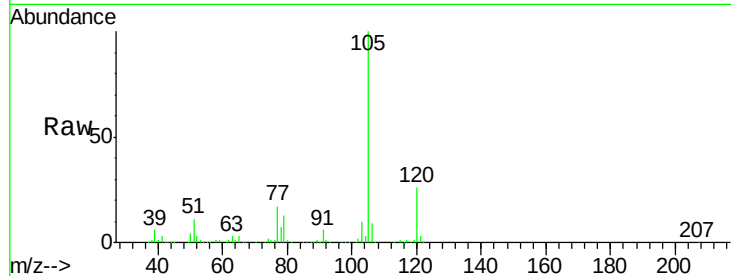
VSTDCCC050

Tgt Ion:105 Resp: 697544

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

400000

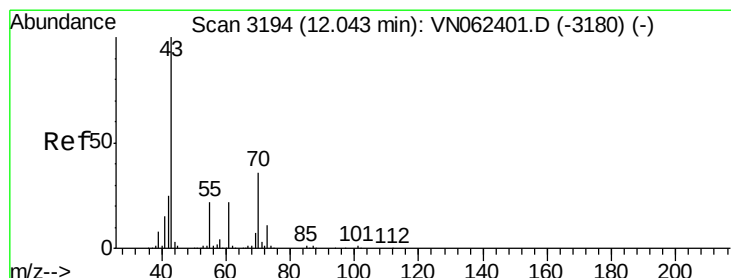
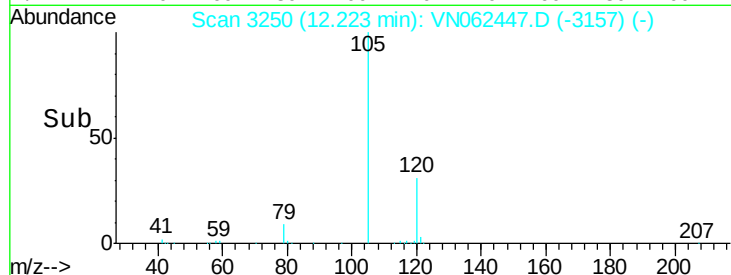
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.234 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Tgt Ion: 43 Resp: 360837

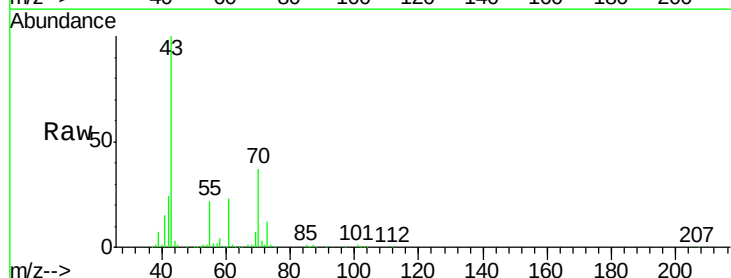
Ion Ratio Lower Upper

43 100

70 36.9 30.0 45.0

55 22.2 18.2 27.4

61 22.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

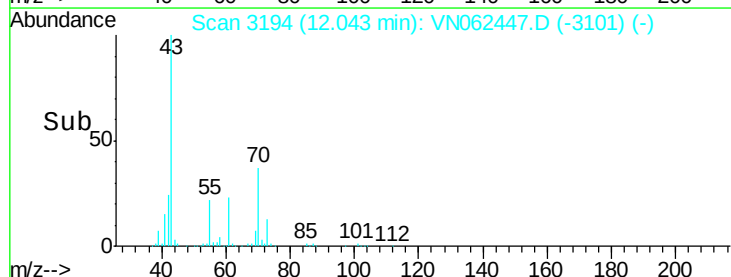
300000

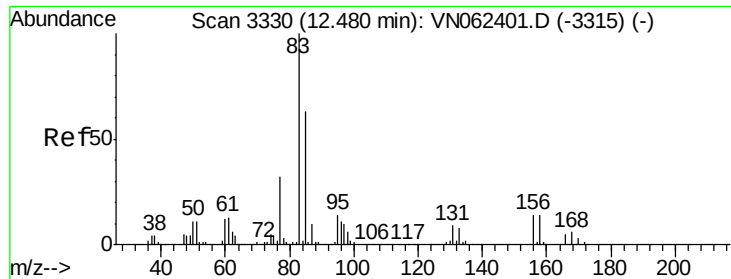
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.274 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

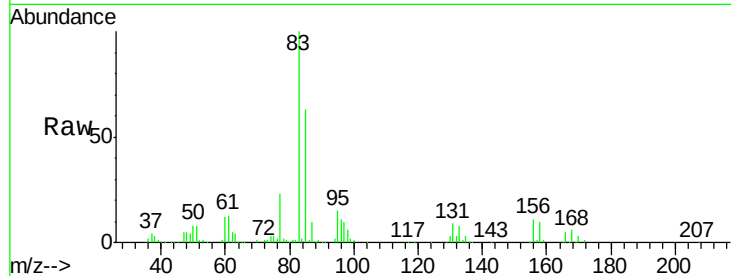
Tgt Ion: 83 Resp: 229220

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.5

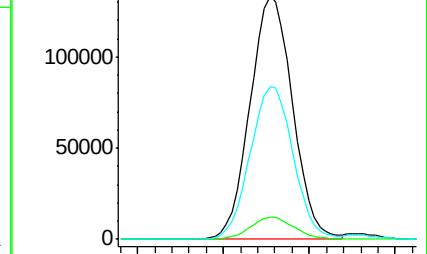
85 63.4 31.9 95.9



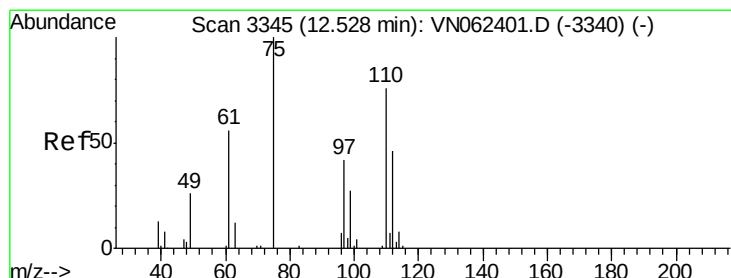
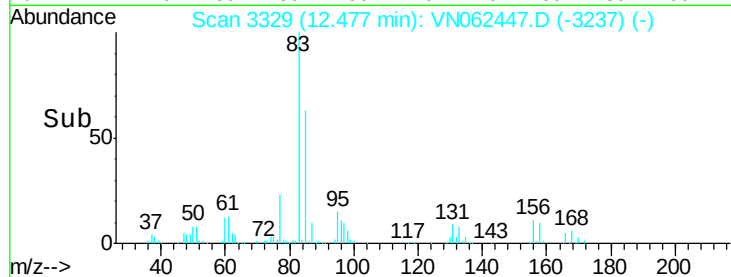
Abundance Ion 82.90 (82.60 to 83.60): VN062447.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062447.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062447.D (-3237) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 61.885 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062447.D

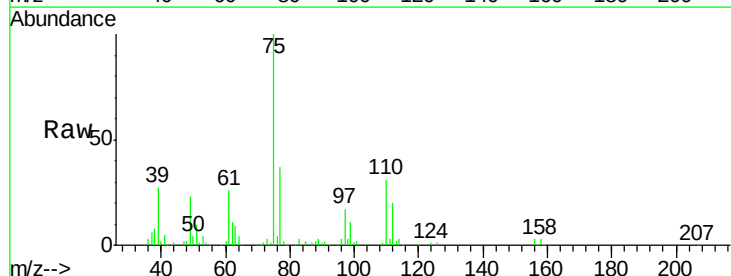
Acq: 9 Jul 2020 10:20

Tgt Ion: 75 Resp: 295478

Ion Ratio Lower Upper

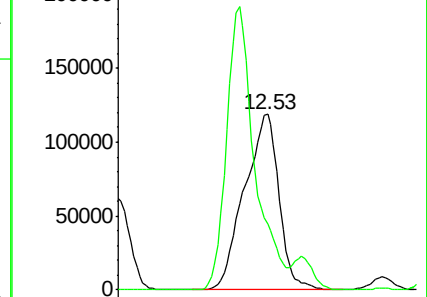
75 100

77 0.0 0.0 0.0

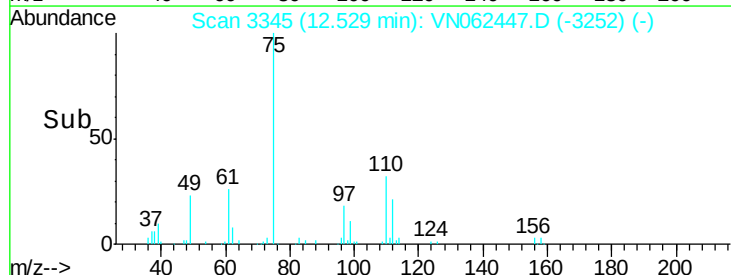


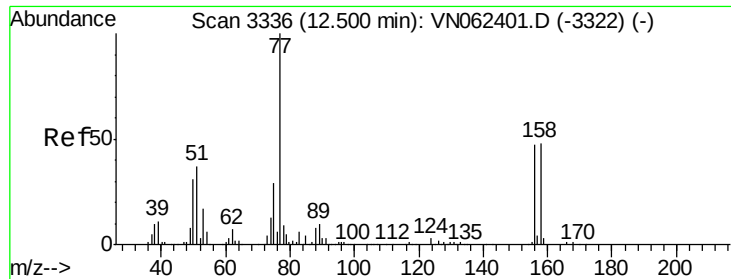
Abundance Ion 74.90 (74.60 to 75.60): VN062447.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062447.D (-3252) (-)



Time-->





#77

Bromobenzene

Concen: 46.328 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

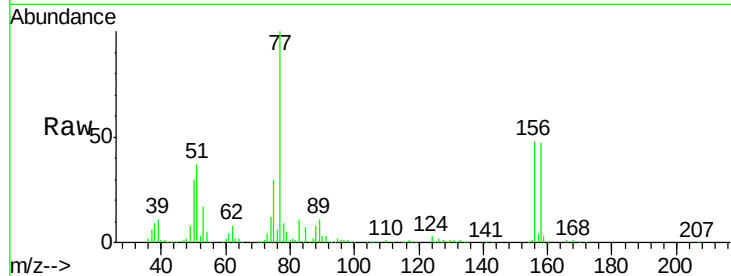
Tgt Ion:156 Resp: 158592

Ion Ratio Lower Upper

156 100

77 243.4 126.4 379.3

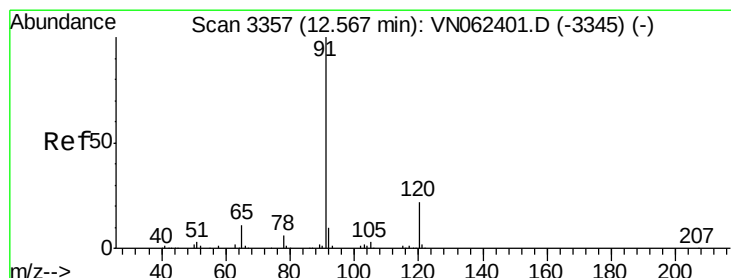
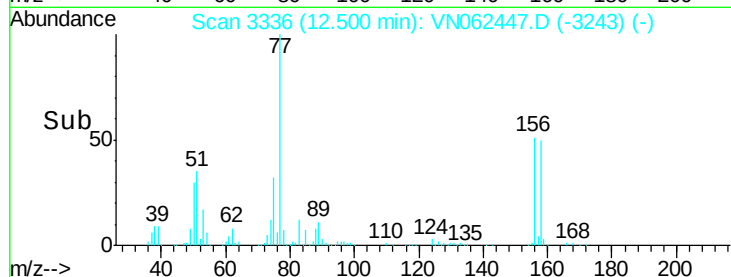
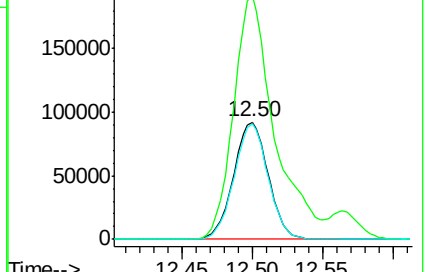
158 96.8 49.8 149.4



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: 47.401 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062447.D

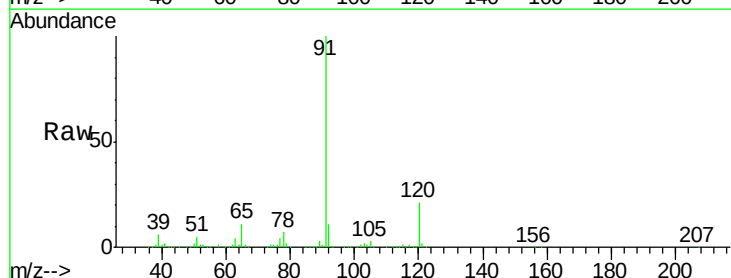
Acq: 9 Jul 2020 10:20

Tgt Ion: 91 Resp: 833738

Ion Ratio Lower Upper

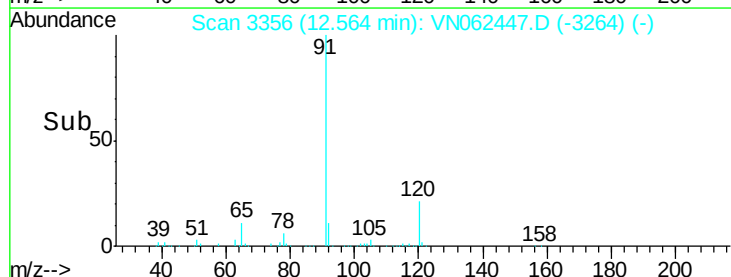
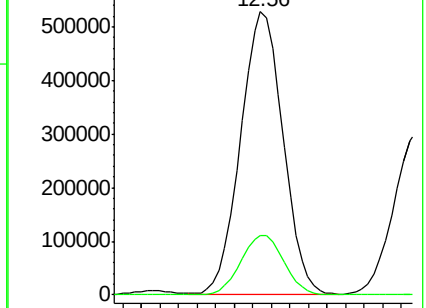
91 100

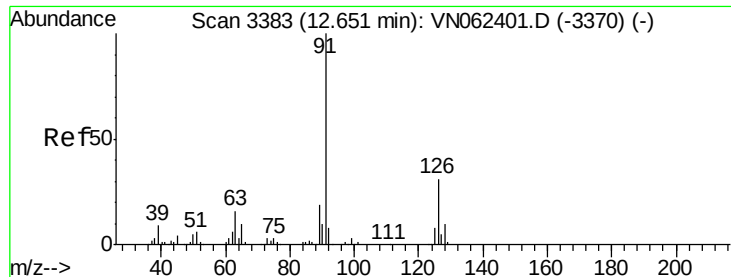
120 21.5 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.566 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

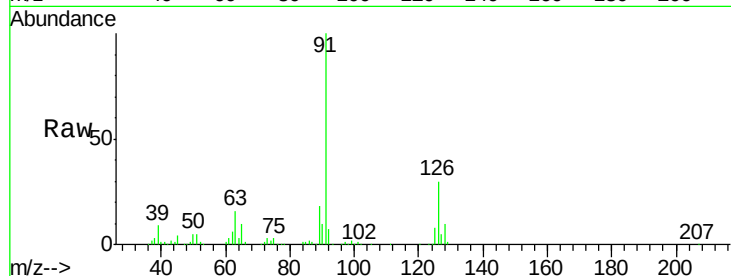
VSTDCCC050

Tgt Ion: 91 Resp: 497108

Ion Ratio Lower Upper

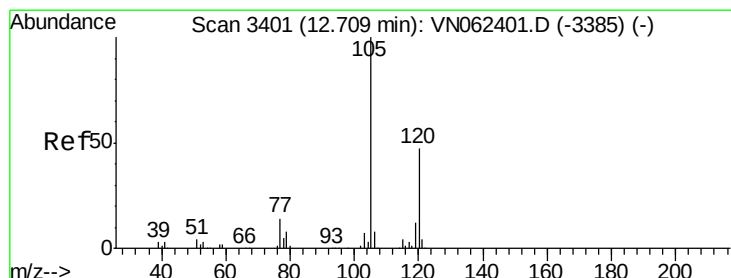
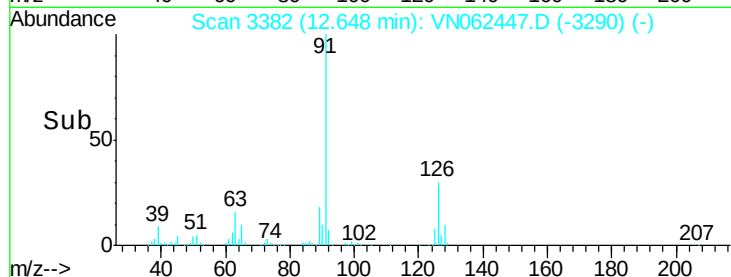
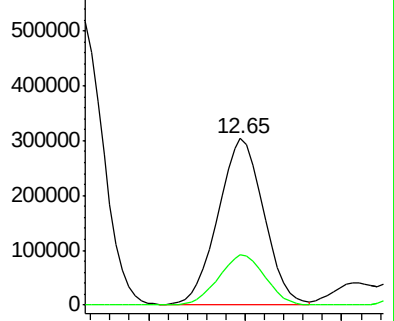
91 100

126 31.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.747 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062447.D

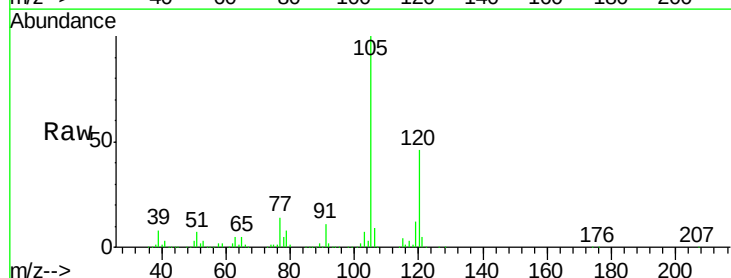
Acq: 9 Jul 2020 10:20

Tgt Ion: 105 Resp: 589396

Ion Ratio Lower Upper

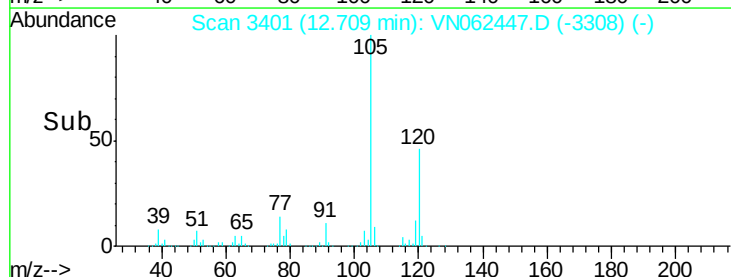
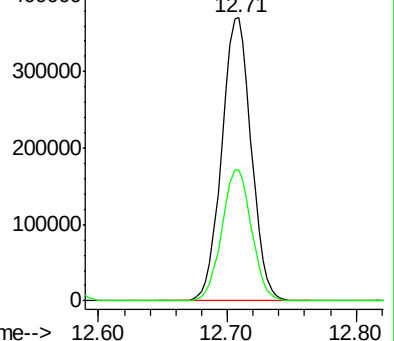
105 100

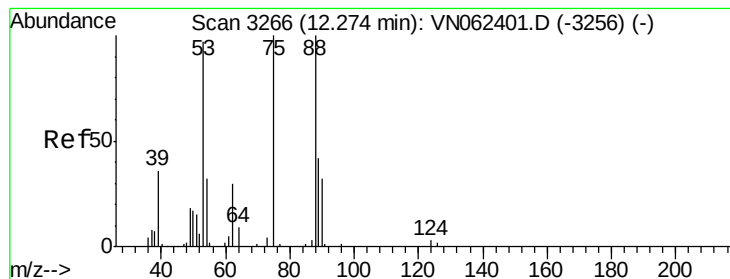
120 46.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.954 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

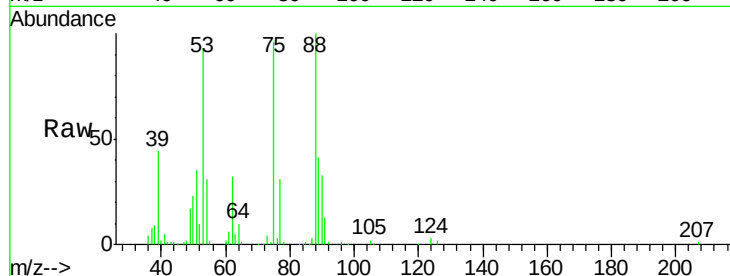
Tgt Ion: 75 Resp: 74840

Ion Ratio Lower Upper

75 100

53 100.0 79.2 118.8

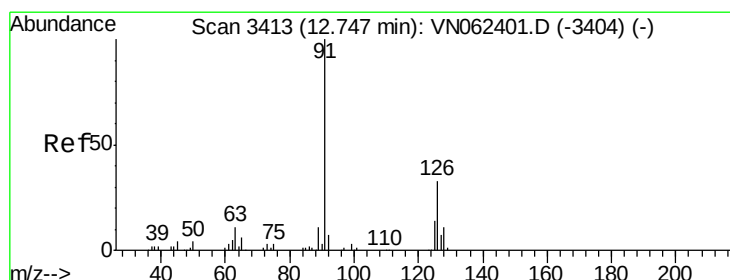
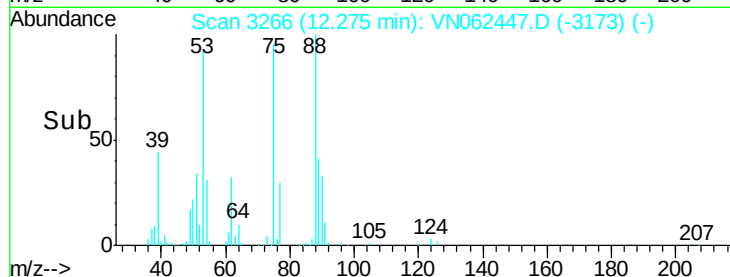
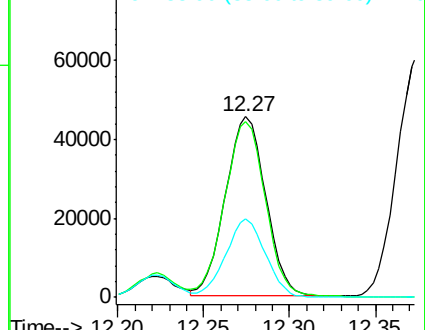
89 43.4 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.641 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062447.D

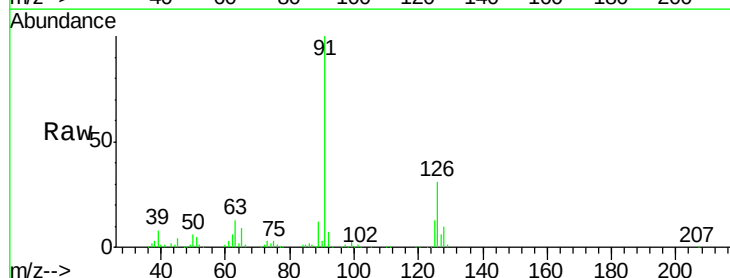
Acq: 9 Jul 2020 10:20

Tgt Ion: 91 Resp: 516323

Ion Ratio Lower Upper

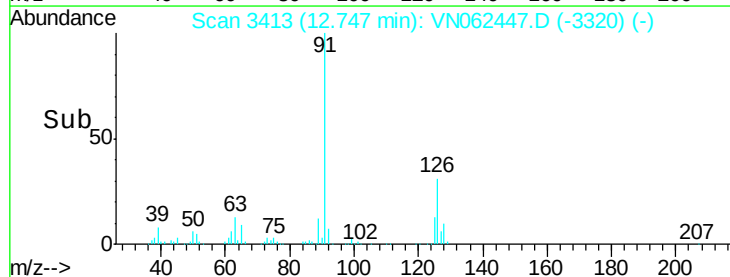
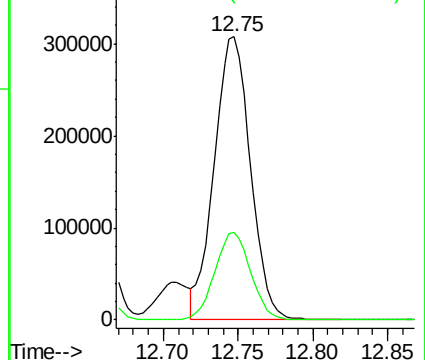
91 100

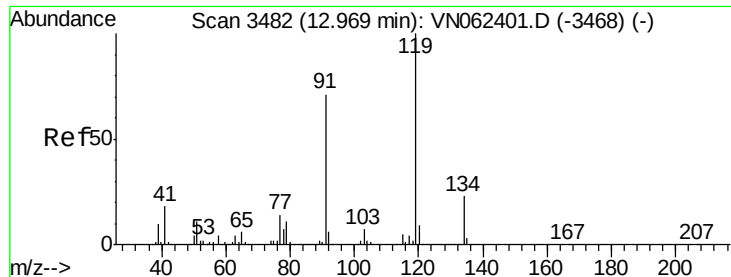
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

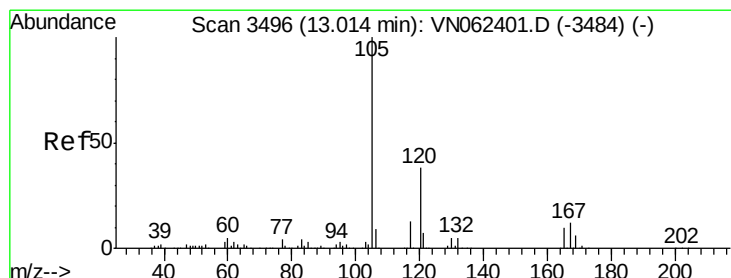
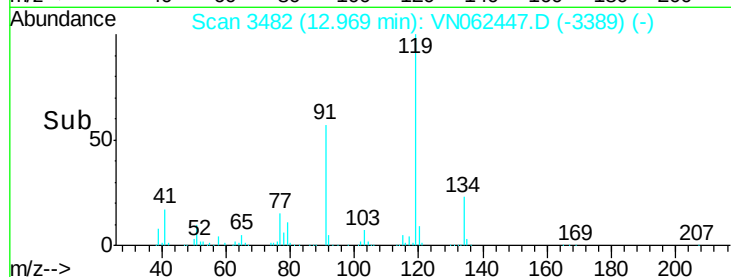
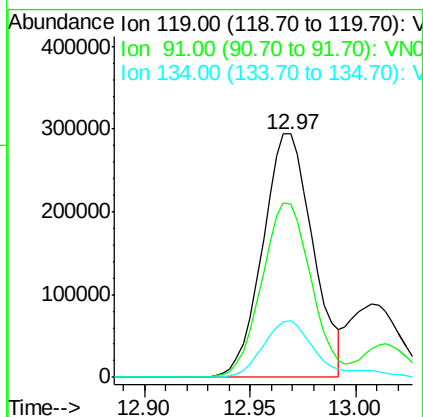
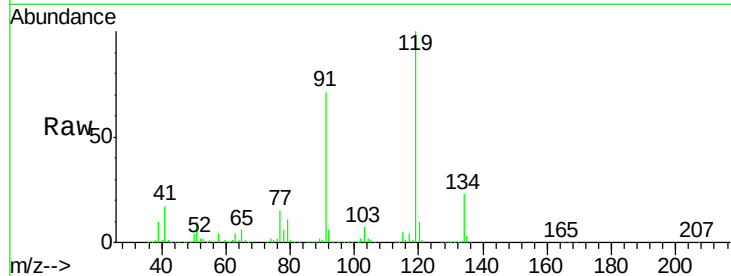




#83
 tert-Butylbenzene
 Concen: 46.349 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

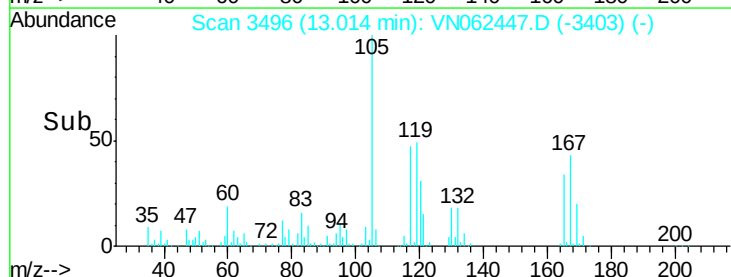
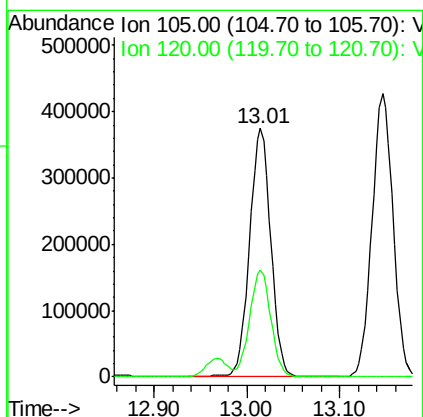
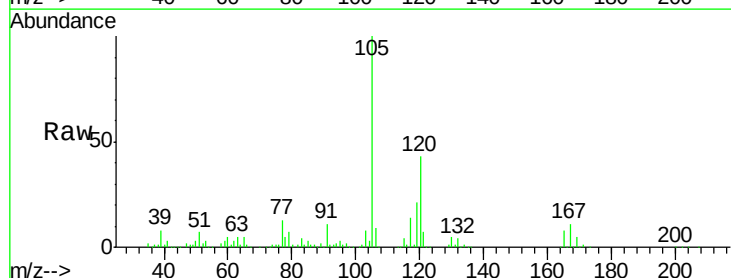
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

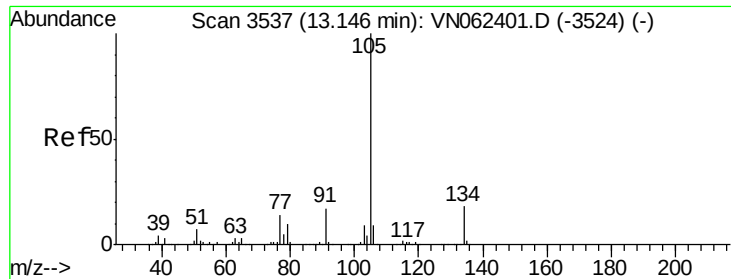
Tgt Ion:119 Resp: 485531
 Ion Ratio Lower Upper
 119 100
 91 70.6 34.8 104.3
 134 23.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.502 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion:105 Resp: 595113
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.6 64.8





#85

sec-Butylbenzene

Concen: 48.264 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

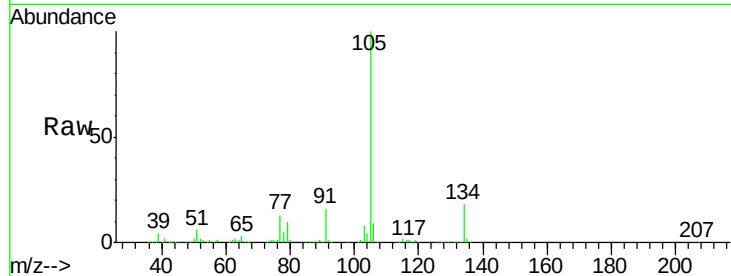
VSTDCCC050

Tgt Ion:105 Resp: 669971

Ion Ratio Lower Upper

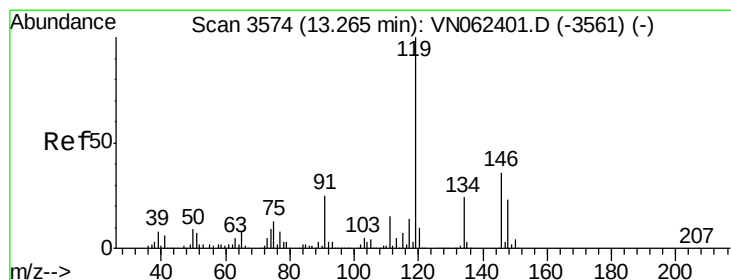
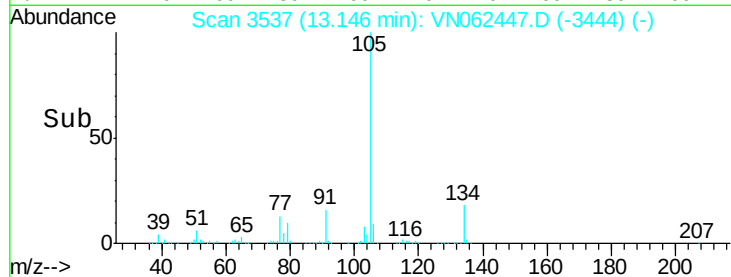
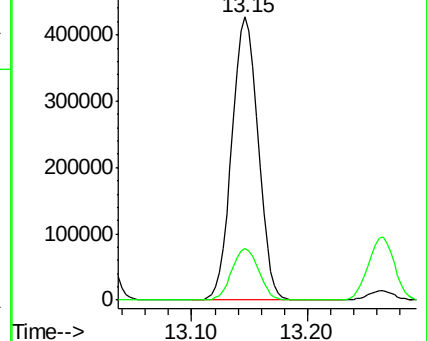
105 100

134 18.7 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: 49.383 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

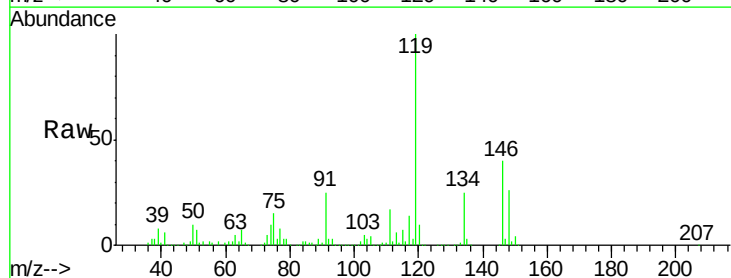
Tgt Ion:119 Resp: 591644

Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.0

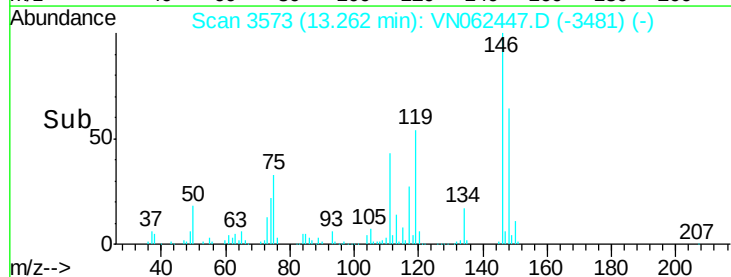
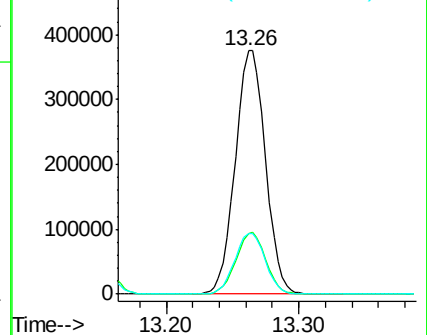
91 25.1 12.4 37.4

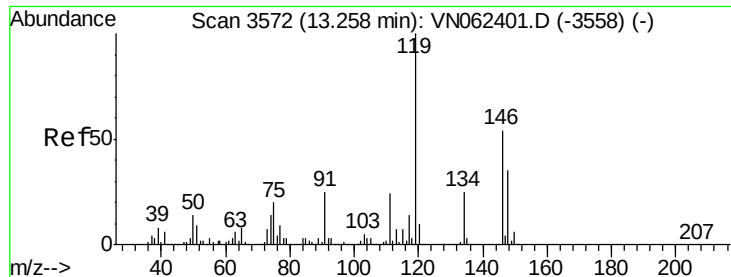


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

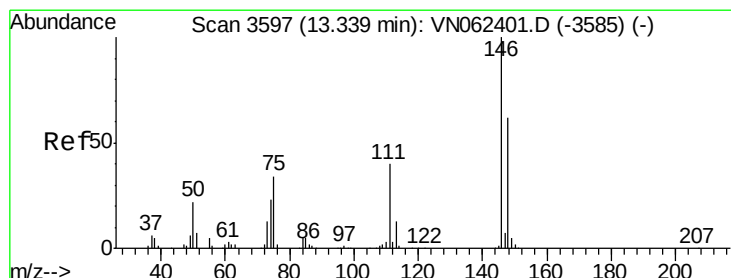
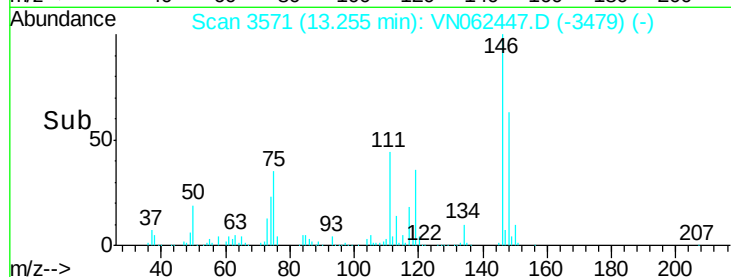
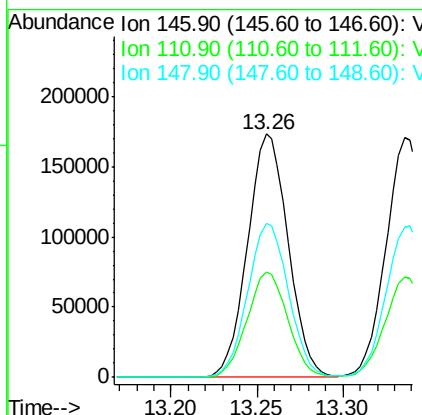
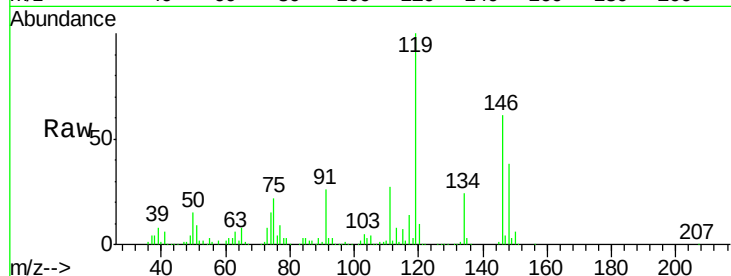




#87
 1,3-Dichlorobenzene
 Concen: 48.046 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

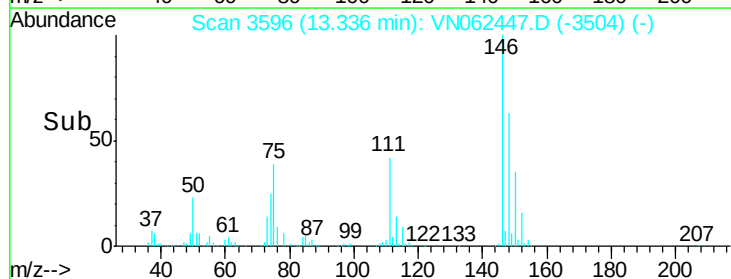
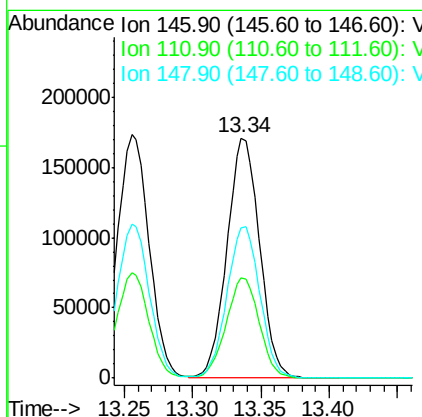
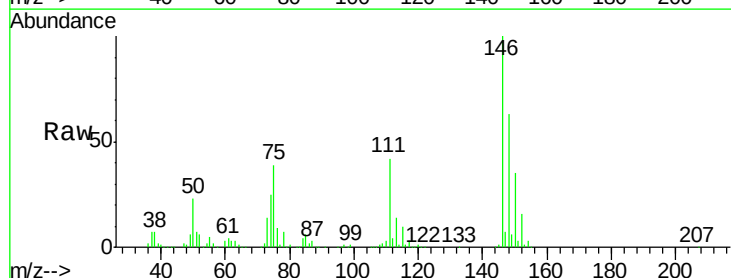
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

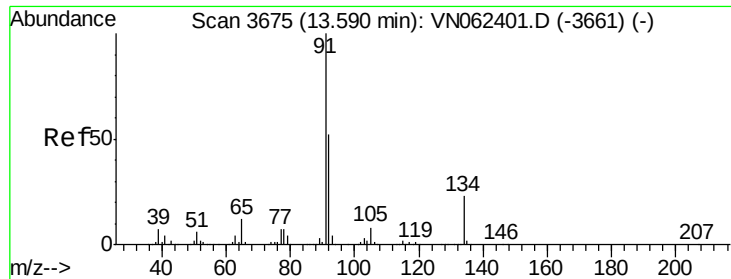
Tgt Ion:146 Resp: 283740
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.6
 148 63.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 46.621 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion:146 Resp: 283299
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.1
 148 64.1 31.4 94.2





#89

n-Butylbenzene

Concen: 50.421 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

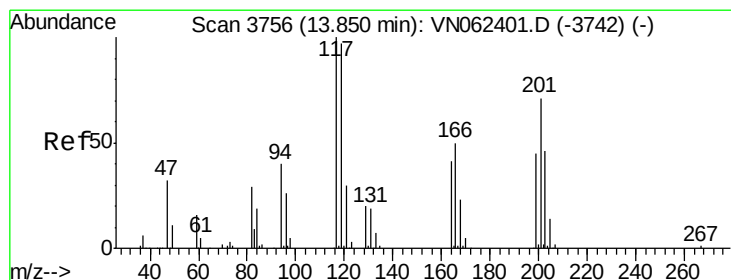
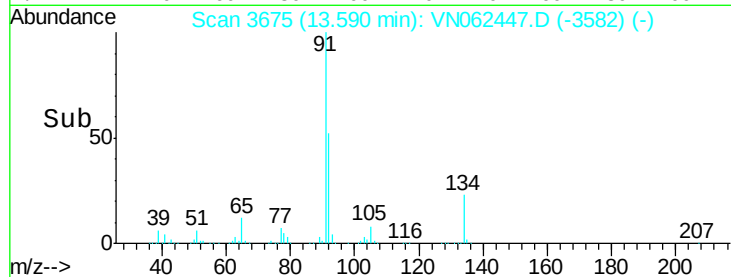
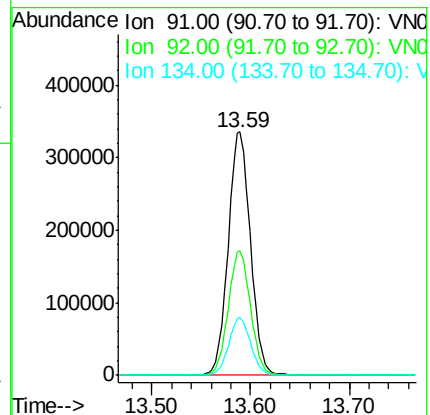
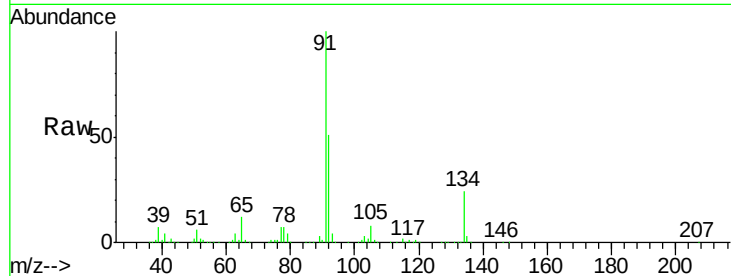
Tgt Ion: 91 Resp: 533388

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.7

134 23.6 11.6 34.8



#90

Hexachloroethane

Concen: 44.470 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062447.D

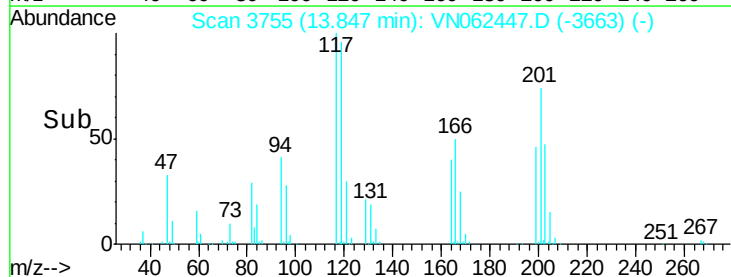
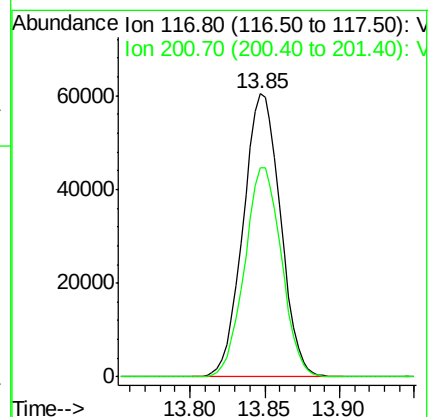
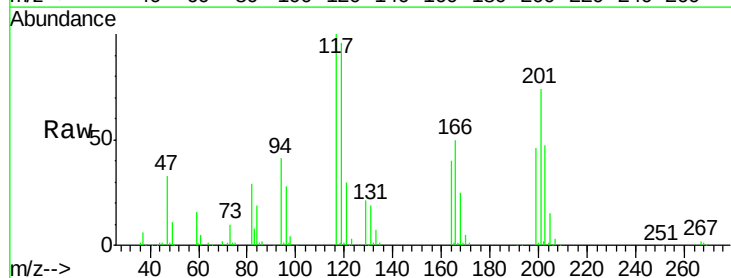
Acq: 9 Jul 2020 10:20

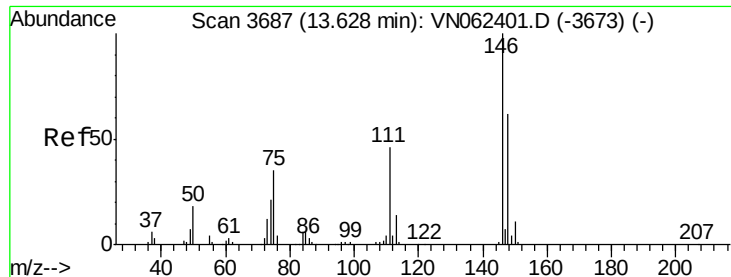
Tgt Ion: 117 Resp: 104805

Ion Ratio Lower Upper

117 100

201 72.9 35.4 106.2

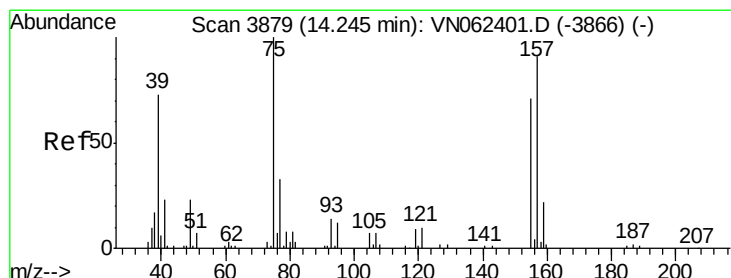
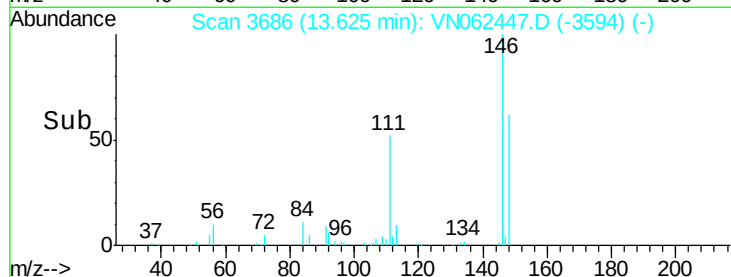
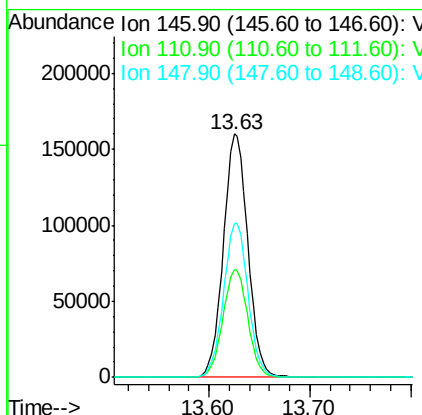
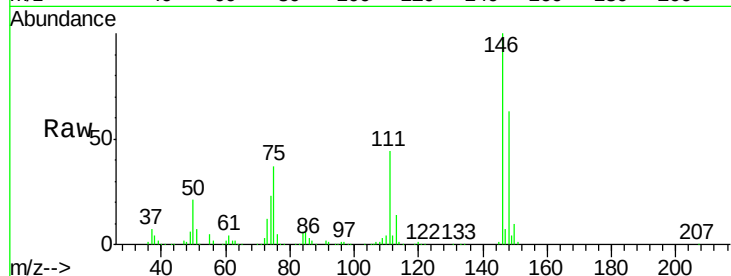




#91
 1,2-Dichlorobenzene
 Concen: 47.618 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

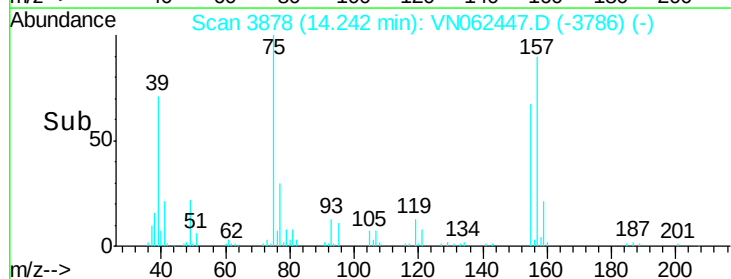
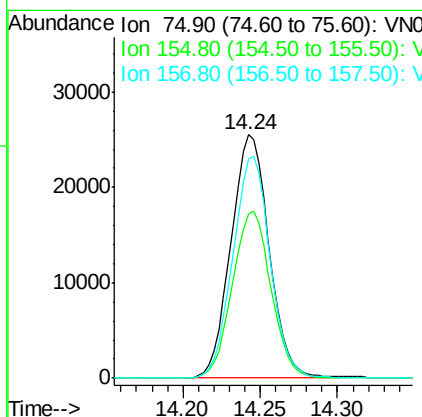
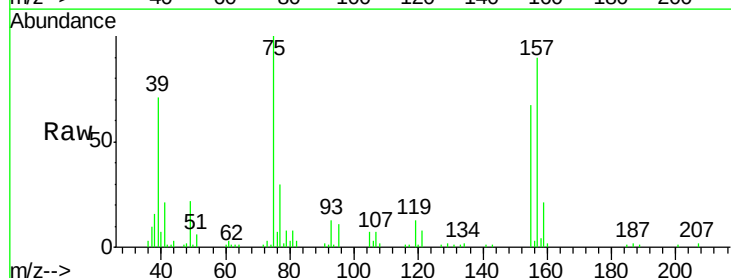
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

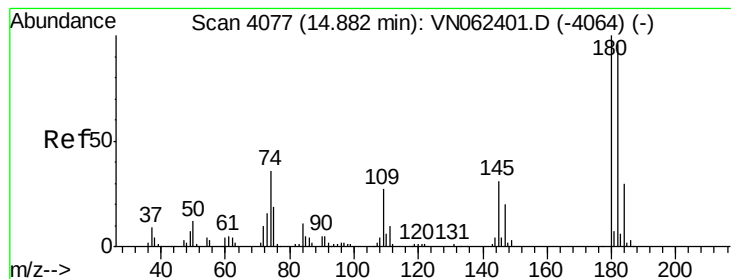
Tgt Ion: 146 Resp: 271899
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.5 67.5
 148 63.5 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.323 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062447.D
 Acq: 9 Jul 2020 10:20

Tgt Ion: 75 Resp: 43724
 Ion Ratio Lower Upper
 75 100
 155 69.0 35.2 105.6
 157 89.1 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 52.744 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

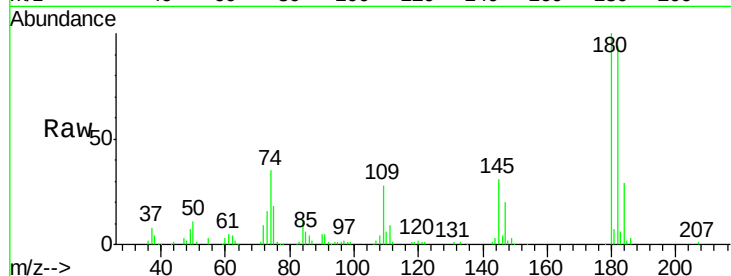
Tgt Ion:180 Resp: 144001

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.2

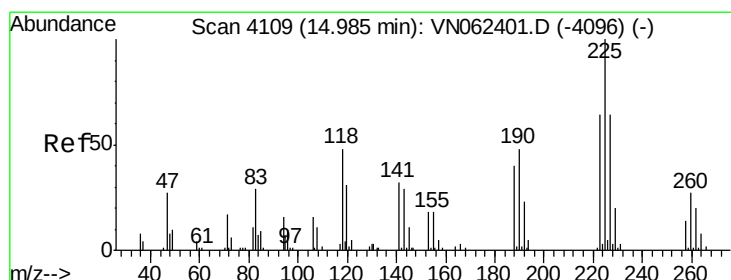
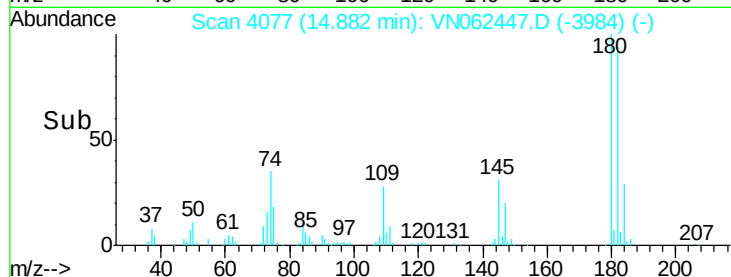
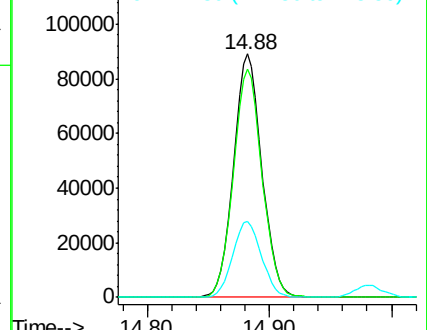
145 31.7 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.966 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN062447.D

Acq: 9 Jul 2020 10:20

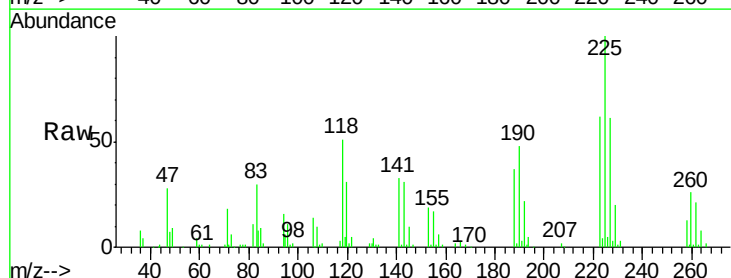
Tgt Ion:225 Resp: 72720

Ion Ratio Lower Upper

225 100

223 62.8 32.3 96.8

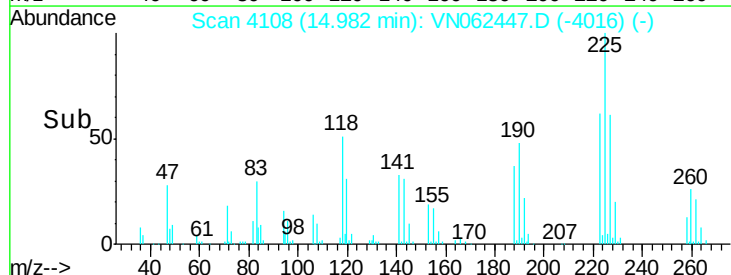
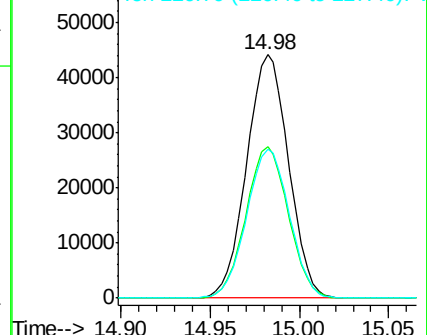
227 62.5 31.9 95.7

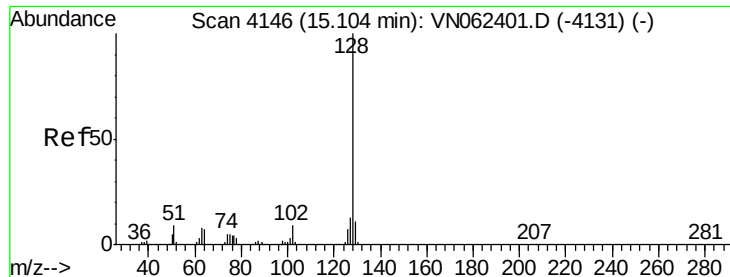


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

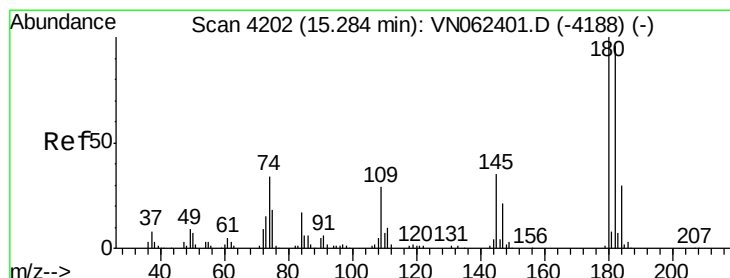
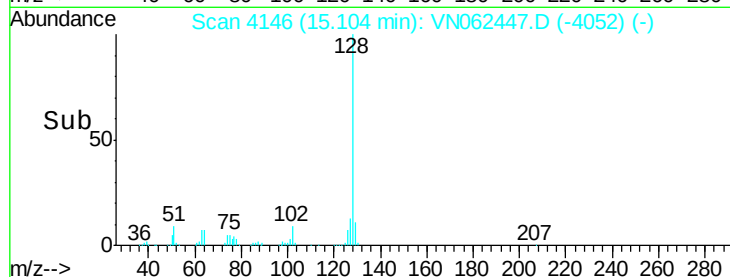
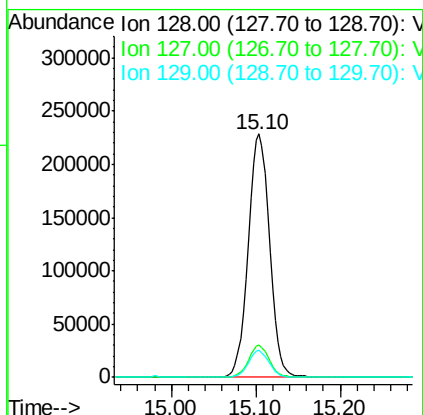
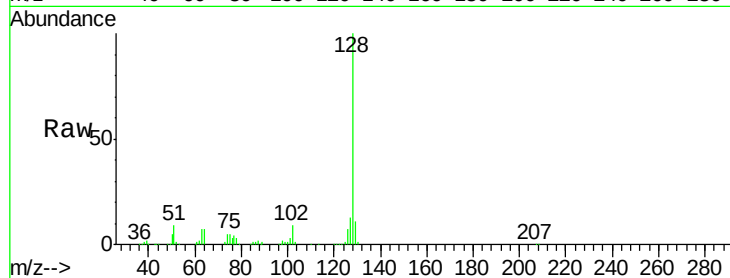




#95
Naphthalene
Concen: 53.858 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 404091
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 46.353 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062447.D
Acq: 9 Jul 2020 10:20

Tgt Ion:180 Resp: 141745
Ion Ratio Lower Upper
180 100
182 93.5 47.8 143.4
145 32.8 17.0 50.9

