

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063046.D
 Acq On : 20 Aug 2020 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 21 06:36:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	173795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122029	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	106265	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	7.55	113	87228	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
50) Toluene-d8	10.06	98	340911	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.38	95	121164	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	113984	50.199	ug/l	99
3) Chloromethane	2.03	50	124088	52.073	ug/l	99
4) Vinyl Chloride	2.16	62	124154	53.874	ug/l	96
5) Bromomethane	2.51	94	69969	51.152	ug/l	97
6) Chloroethane	2.66	64	73056	53.693	ug/l	99
7) Trichlorofluoromethane	2.98	101	148091	51.529	ug/l	96
8) Diethyl Ether	3.37	74	48768	47.967	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75593	48.813	ug/l	98
10) Methyl Iodide	3.91	142	101679	51.800	ug/l	98
11) Tert butyl alcohol	4.74	59	65178	223.395	ug/l	99
12) 1,1-Dichloroethene	3.70	96	68185	46.220	ug/l	94
13) Acrolein	3.57	56	14751	161.387	ug/l	99
14) Allyl chloride	4.28	41	124889	48.014	ug/l	99
15) Acrylonitrile	4.93	53	223948	261.151	ug/l	99
16) Acetone	3.78	43	169937	264.799	ug/l	97
17) Carbon Disulfide	4.01	76	183556	47.510	ug/l	99
18) Methyl Acetate	4.28	43	104600	51.100	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	271134	52.701	ug/l	99
20) Methylene Chloride	4.50	84	92235	50.811	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	77839	50.419	ug/l	99
22) Diisopropyl ether	5.91	45	316721	53.658	ug/l	98
23) Vinyl Acetate	5.84	43	1013457	254.436	ug/l	100
24) 1,1-Dichloroethane	5.80	63	167218	50.696	ug/l	98
25) 2-Butanone	6.79	43	274921	251.402	ug/l	98
26) 2,2-Dichloropropane	6.78	77	124371	47.946	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	94531	48.851	ug/l	98
28) Bromochloromethane	7.15	49	87809	50.879	ug/l	96
29) Tetrahydrofuran	7.17	42	185564	262.922	ug/l	100
30) Chloroform	7.33	83	168675	50.776	ug/l	98
31) Cyclohexane	7.62	56	150101	49.443	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	135714	50.042	ug/l	100
36) 1,1-Dichloropropene	7.75	75	113710	50.280	ug/l	99
37) Ethyl Acetate	6.88	43	107747	50.846	ug/l	99
38) Carbon Tetrachloride	7.73	117	113687	49.793	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063046.D
 Acq On : 20 Aug 2020 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 21 06:36:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141457	46.444	ug/l	98
40) Benzene	8.00	78	368790	51.415	ug/l	99
41) Methacrylonitrile	7.13	41	50201	49.721	ug/l	96
42) 1,2-Dichloroethane	8.09	62	125213	51.989	ug/l	99
43) Isopropyl Acetate	8.13	43	179732	51.195	ug/l #	91
44) Trichloroethene	8.80	130	88024	49.335	ug/l	96
45) 1,2-Dichloropropane	9.09	63	106687	51.456	ug/l	98
46) Dibromomethane	9.18	93	62969	52.572	ug/l	99
47) Bromodichloromethane	9.37	83	136786	52.141	ug/l	99
48) Methyl methacrylate	9.17	41	88503	53.280	ug/l	98
49) 1,4-Dioxane	9.17	88	33207	909.865	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	602733	271.615	ug/l	99
52) Toluene	10.12	92	228251	52.751	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	142269	52.441	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	156436	52.565	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	98125	53.037	ug/l	100
56) Ethyl methacrylate	10.40	69	137345	48.132	ug/l	97
57) 1,3-Dichloropropane	10.68	76	161263	52.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	168275	242.605	ug/l	100
59) 2-Hexanone	10.72	43	425644	274.989	ug/l	98
60) Dibromochloromethane	10.88	129	105725	51.636	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93870	52.803	ug/l	100
64) Tetrachloroethene	10.60	164	81498	50.186	ug/l	97
65) Chlorobenzene	11.41	112	247912	49.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97587	50.568	ug/l	99
67) Ethyl Benzene	11.49	91	441453	52.657	ug/l	99
68) m/p-Xylenes	11.60	106	336643	108.041	ug/l	99
69) o-Xylene	11.92	106	160847	53.757	ug/l	99
70) Styrene	11.94	104	288493	48.641	ug/l	99
71) Bromoform	12.10	173	79233	51.582	ug/l #	98
73) Isopropylbenzene	12.22	105	435525	52.118	ug/l	100
74) N-amyl acetate	12.05	43	162350	54.245	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	143425	53.299	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	174960	73.762	ug/l #	100
77) Bromobenzene	12.50	156	114465	49.804	ug/l	98
78) n-propylbenzene	12.57	91	513283	53.888	ug/l	100
79) 2-Chlorotoluene	12.65	91	306121	51.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	375100	54.300	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	45226	52.366	ug/l	98
82) 4-Chlorotoluene	12.75	91	321328	52.672	ug/l	100
83) tert-Butylbenzene	12.97	119	316351	53.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	366757	54.497	ug/l	100
85) sec-Butylbenzene	13.15	105	428610	53.191	ug/l	100
86) p-Isopropyltoluene	13.27	119	369728	52.659	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204231	51.706	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	202075	50.406	ug/l	99
89) n-Butylbenzene	13.59	91	300245	45.389	ug/l	99
90) Hexachloroethane	13.85	117	73488	49.244	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	197287	51.709	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23106	54.902	ug/l	97

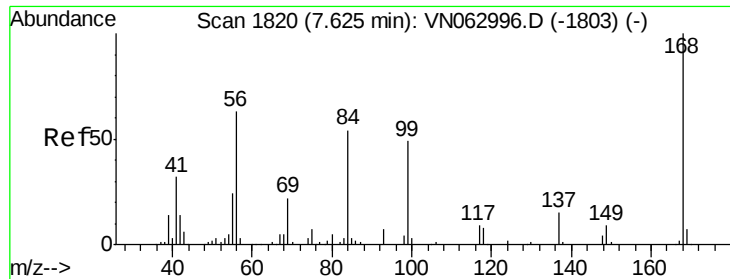
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063046.D
Acq On : 20 Aug 2020 19:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Aug 21 06:36:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90409	43.408	ug/l	98
94) Hexachlorobutadiene	14.99	225	65830	46.693	ug/l	100
95) Naphthalene	15.10	128	204231	42.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	91373	44.543	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

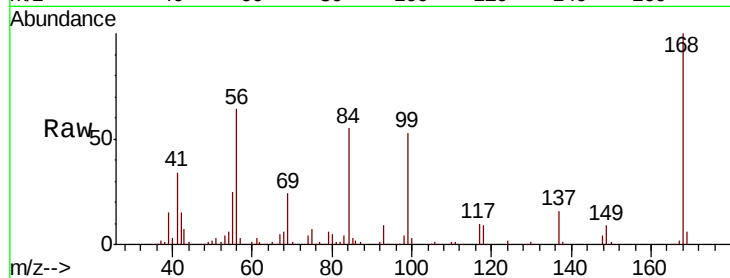
VSTDCCC050

Tot Ion:168 Resp: 173795

Ion Ratio Lower Upper

168 100

99 53.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

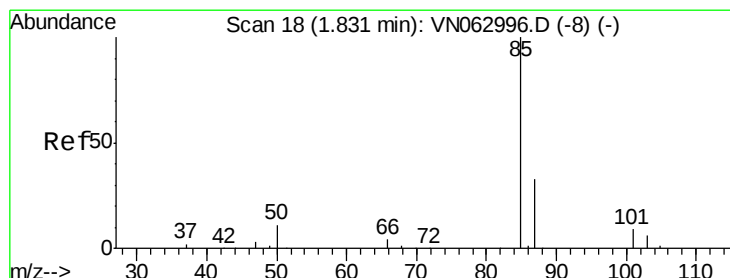
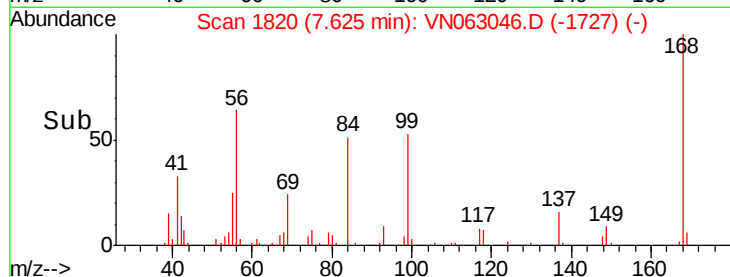
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.199 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063046.D

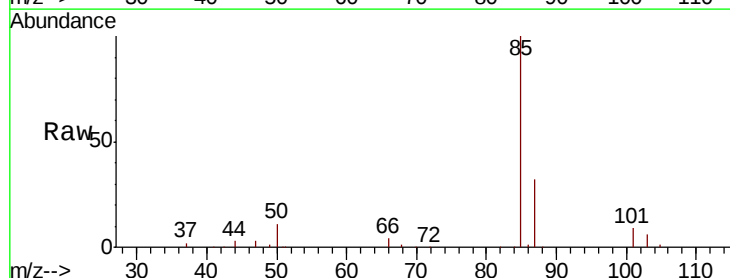
Acq: 20 Aug 2020 19:37

Tgt Ion: 85 Resp: 113984

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

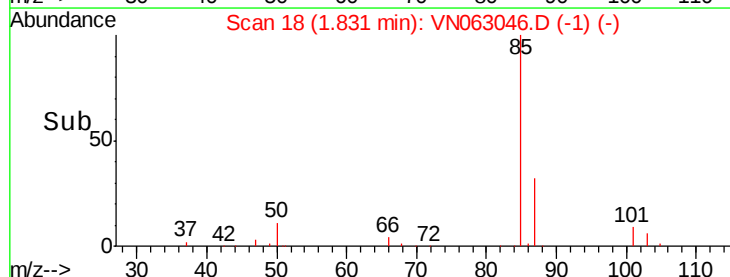
40000

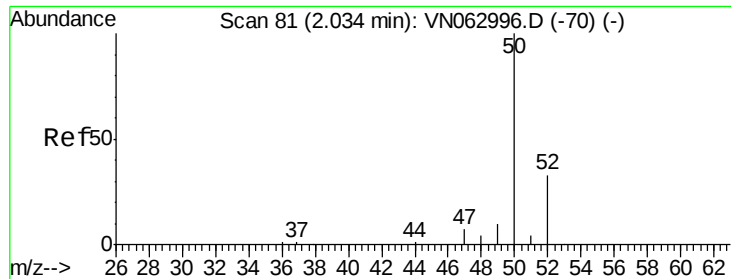
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->

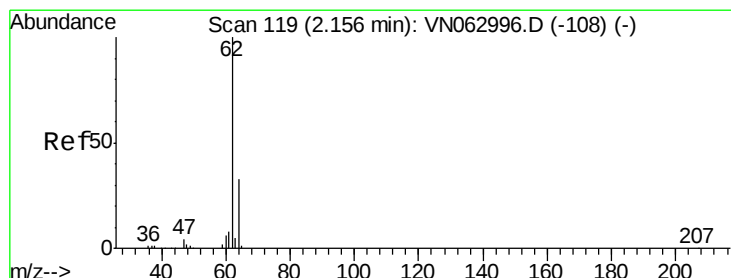
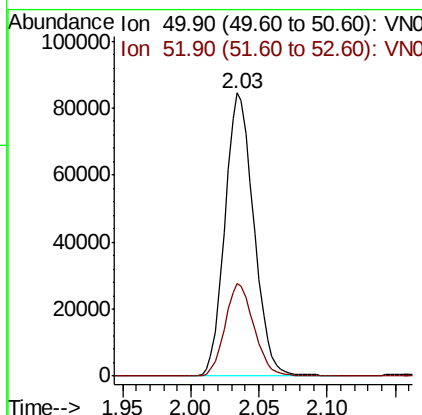
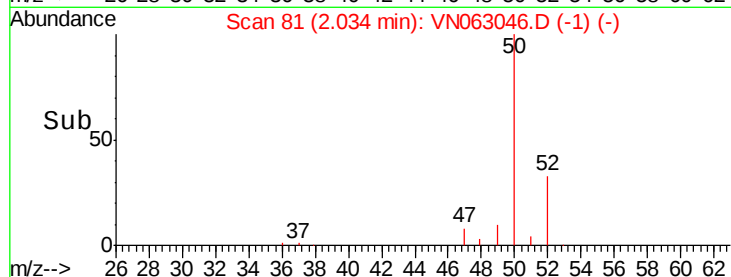
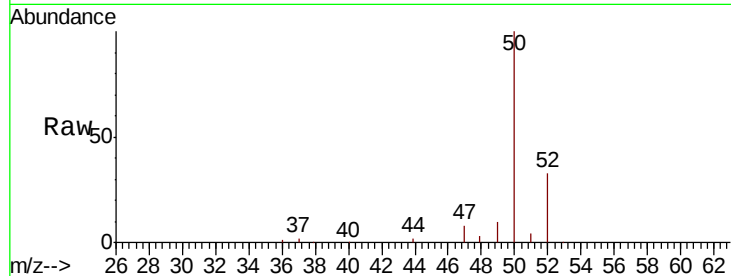




#3
Chloromethane
Concen: 52.073 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

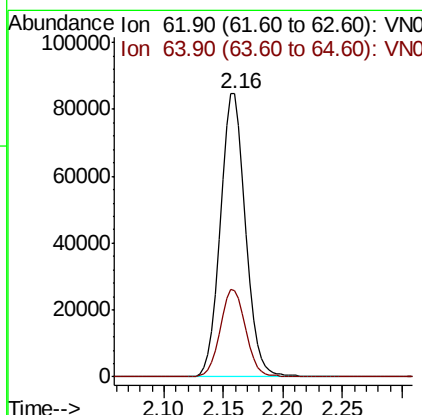
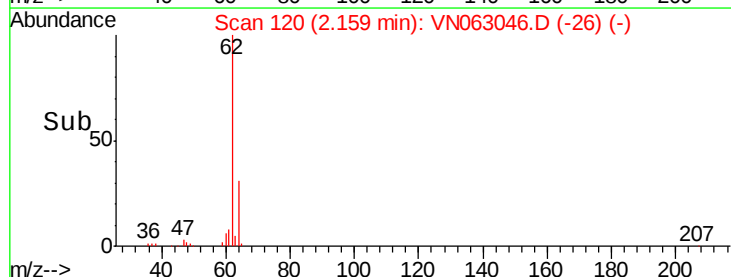
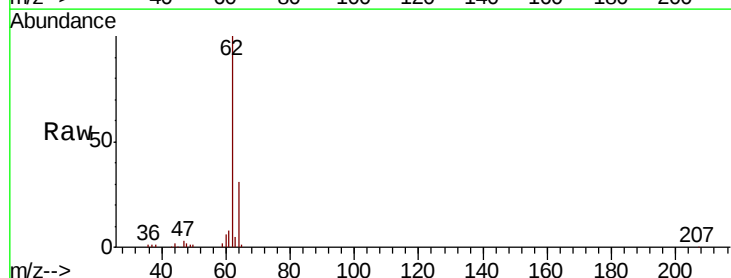
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

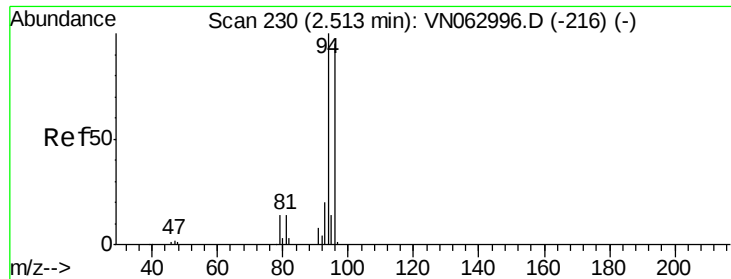
Tot Ion: 50 Resp: 124088
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 53.874 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 62 Resp: 124154
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2





#5

Bromomethane

Concen: 51.152 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

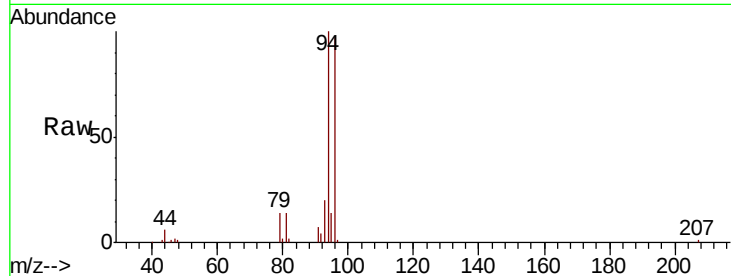
VSTDCCC050

Tot Ion: 94 Resp: 69969

Ion Ratio Lower Upper

94 100

96 97.4 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN062996.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062996.D (-216) (-)

2.51

40000

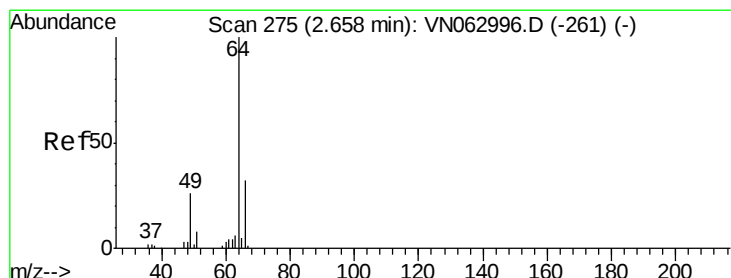
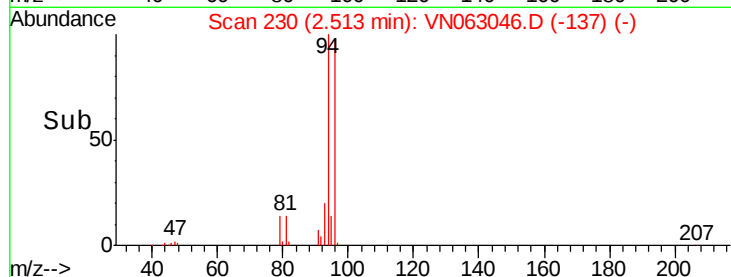
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 53.693 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.00 min

Lab File: VN063046.D

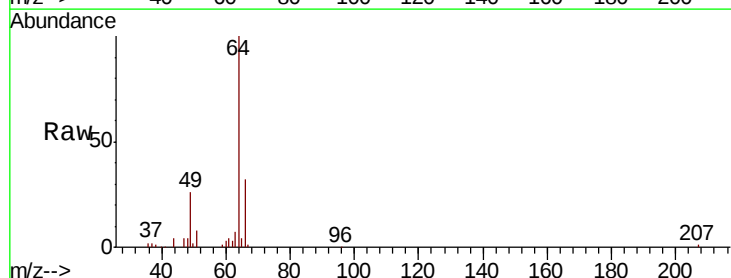
Acq: 20 Aug 2020 19:37

Tgt Ion: 64 Resp: 73056

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN062996.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062996.D (-261) (-)

2.66

40000

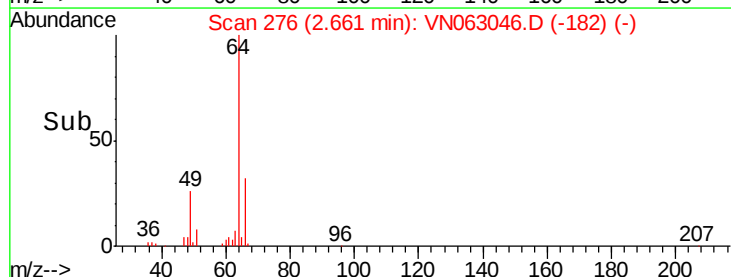
30000

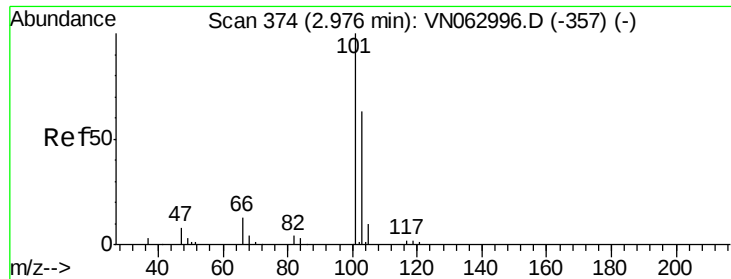
20000

10000

0

Time-->



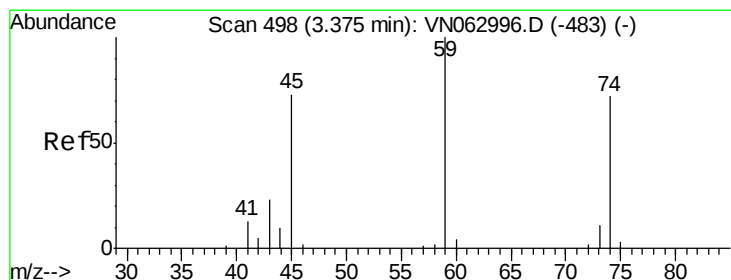
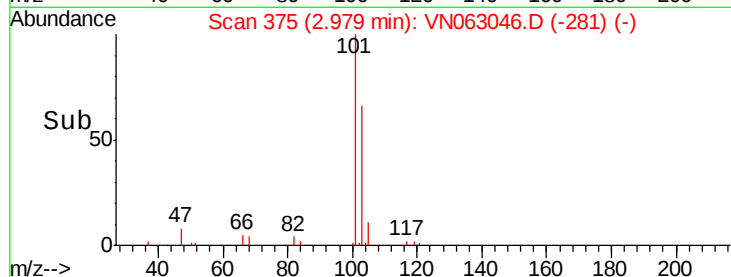
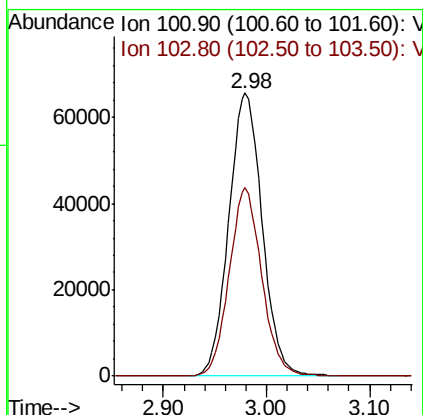
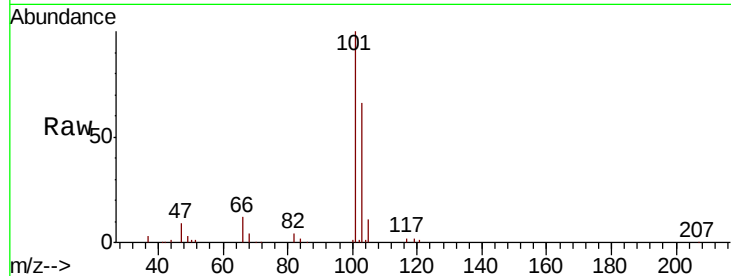


#7

Trichlorofluoromethane
 Concen: 51.529 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

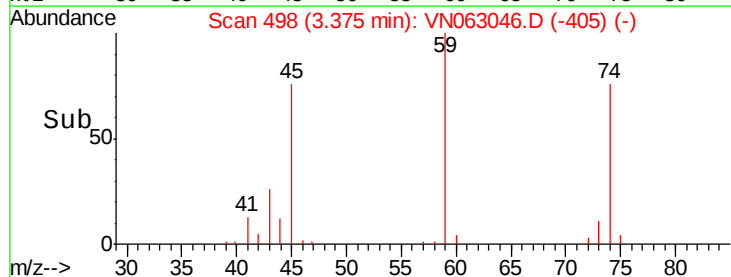
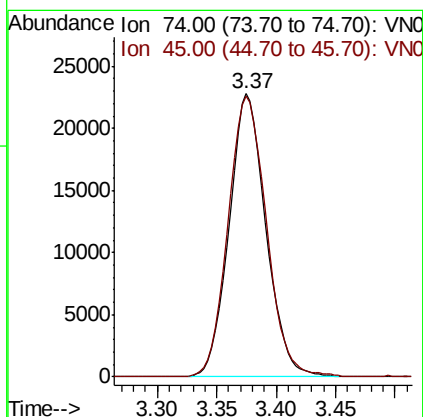
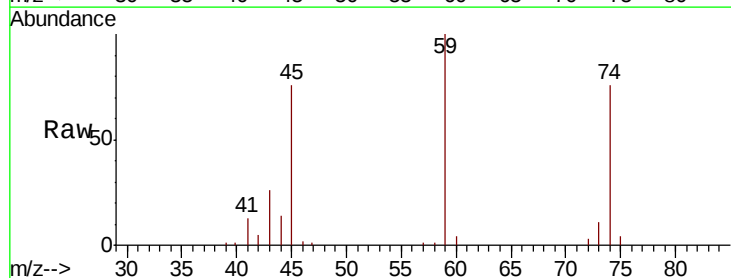
Tot Ion:101 Resp: 148091
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.5 75.7

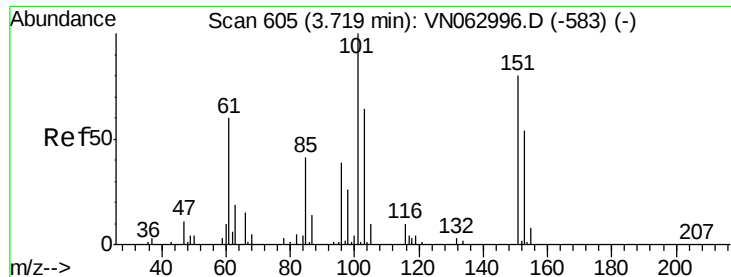


#8

Diethyl Ether
 Concen: 47.967 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 74 Resp: 48768
 Ion Ratio Lower Upper
 74 100
 45 103.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.813 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

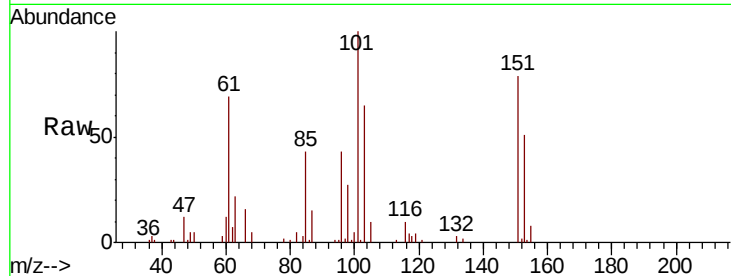
Tot Ion:101 Resp: 75593

Ion Ratio Lower Upper

101 100

85 43.3 34.0 51.0

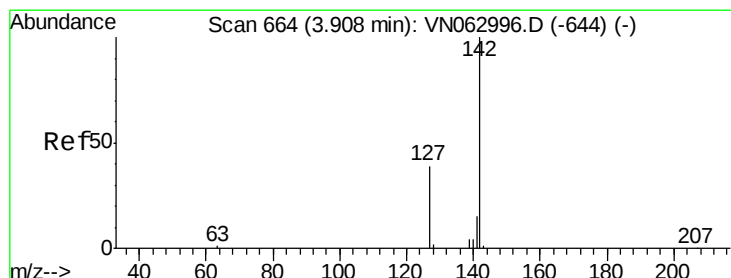
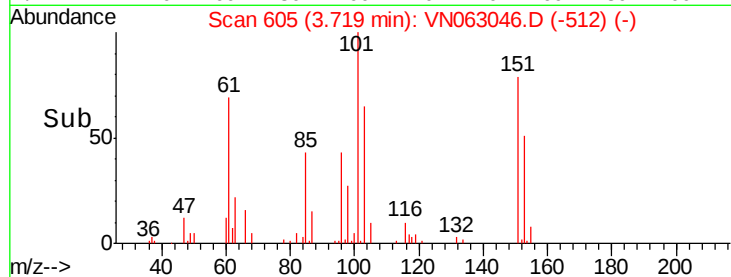
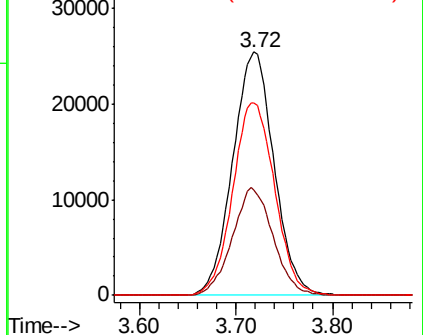
151 80.1 65.8 98.8



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: 51.800 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

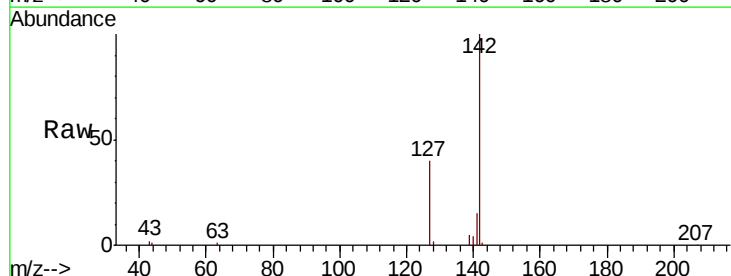
Tgt Ion:142 Resp: 101679

Ion Ratio Lower Upper

142 100

127 41.5 32.2 48.4

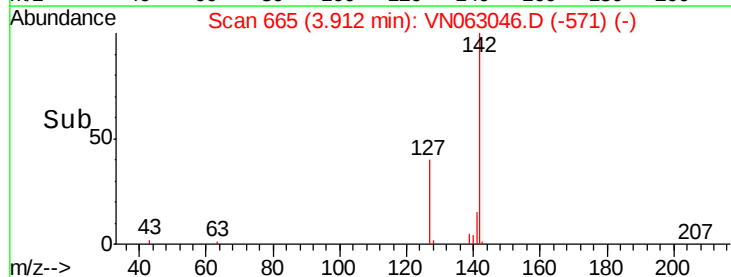
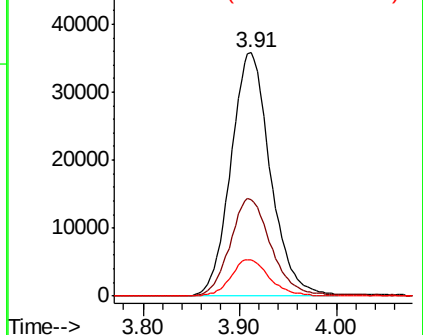
141 14.5 11.3 16.9

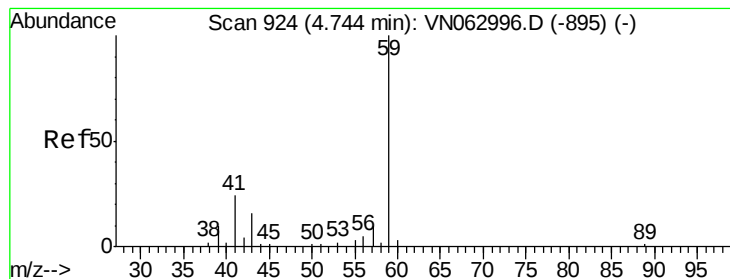


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



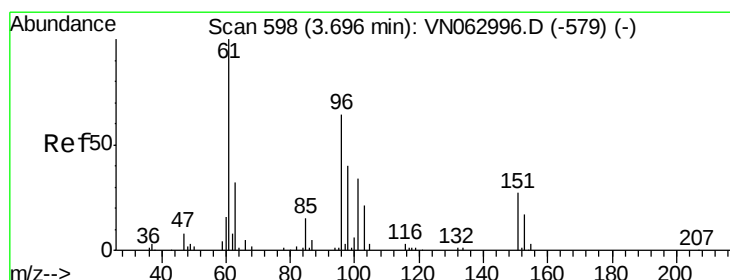
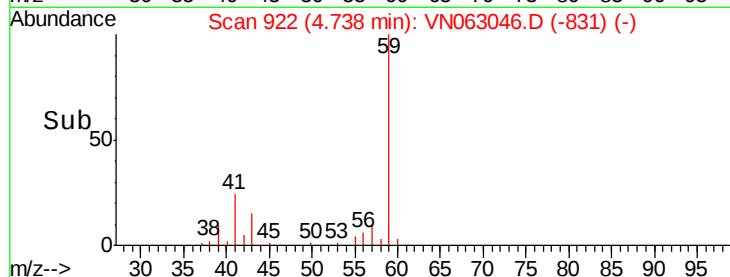
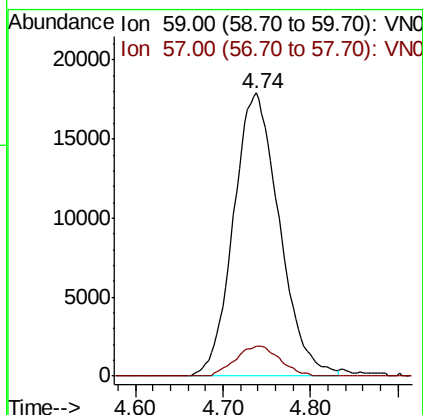
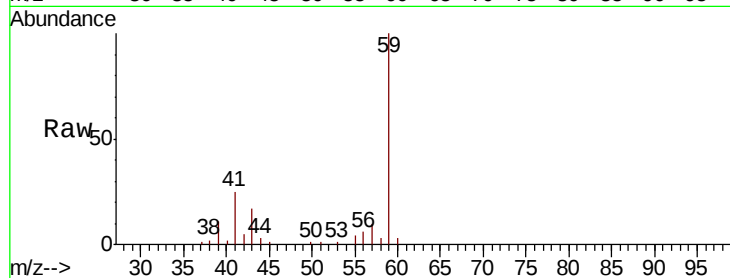


#11

Tert butyl alcohol
 Concen: 223.395 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

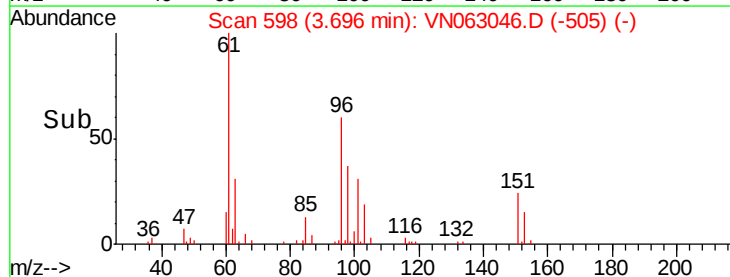
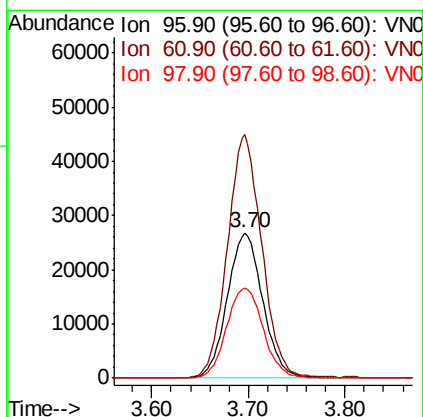
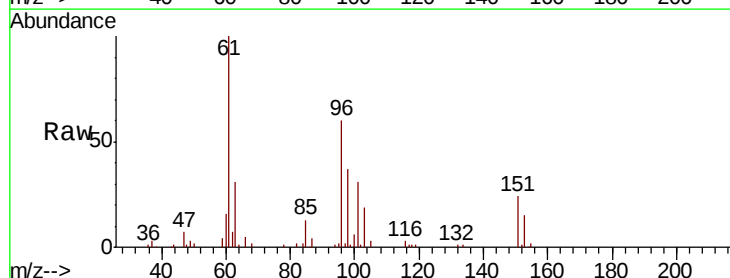
Tot Ion: 59 Resp: 65178
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

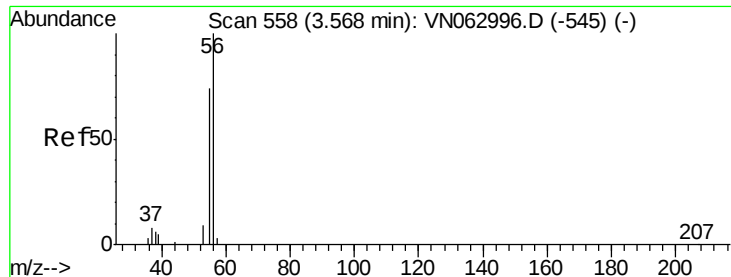


#12

1,1-Dichloroethene
 Concen: 46.220 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 96 Resp: 68185
 Ion Ratio Lower Upper
 96 100
 61 167.7 125.5 188.3
 98 62.1 50.4 75.6





#13

Acrolein

Concen: 161.387 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

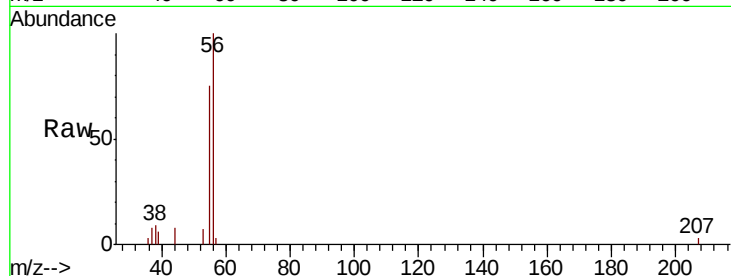
VSTDCCC050

Tot Ion: 56 Resp: 14751

Ion Ratio Lower Upper

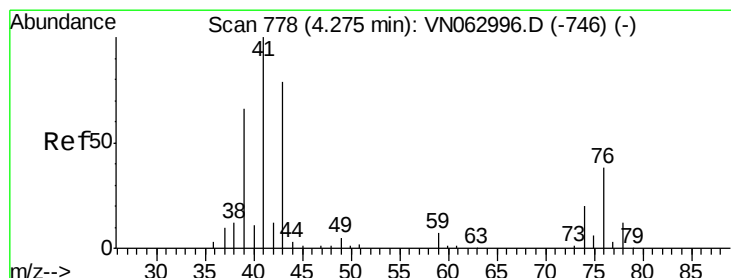
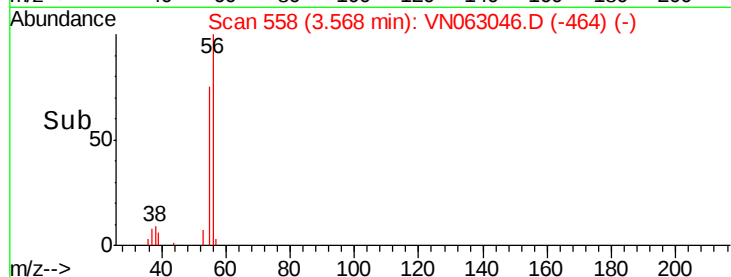
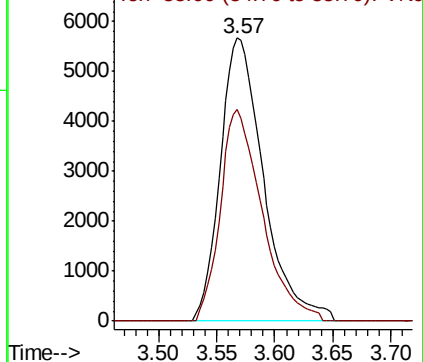
56 100

55 72.4 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.014 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

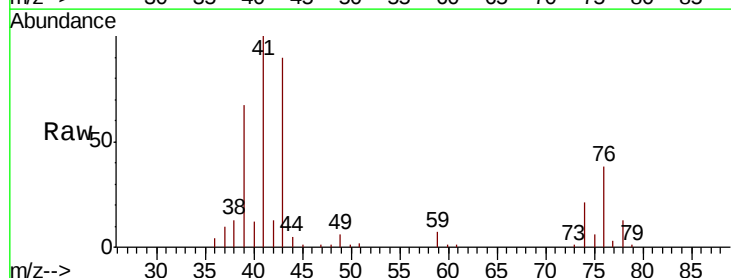
Tgt Ion: 41 Resp: 124889

Ion Ratio Lower Upper

41 100

39 60.5 47.9 71.9

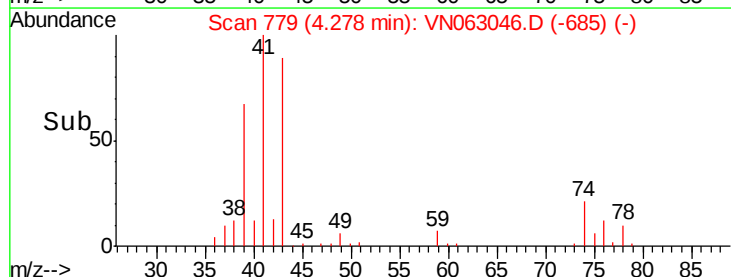
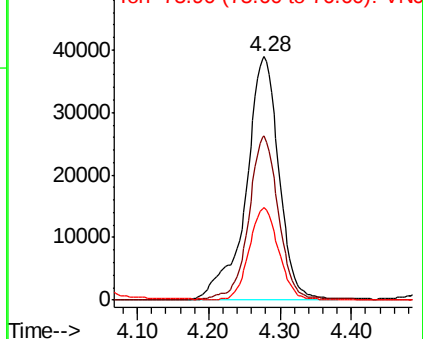
76 34.0 27.0 40.6



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: 261.151 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

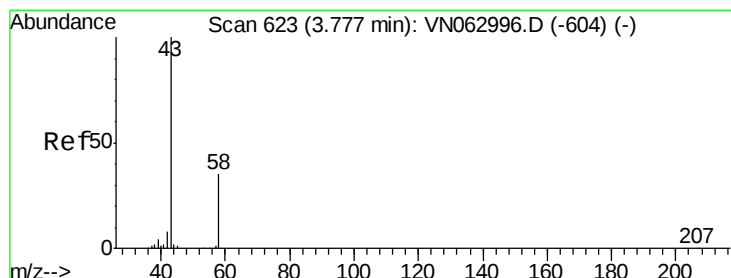
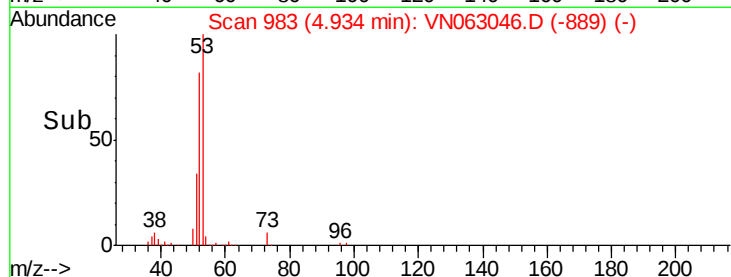
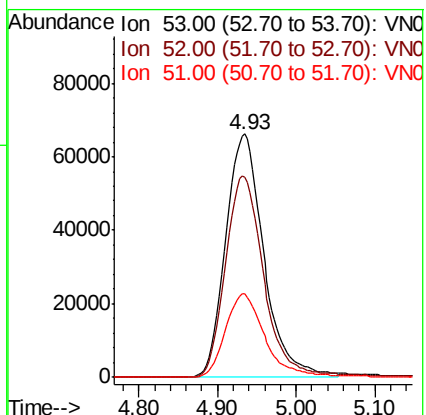
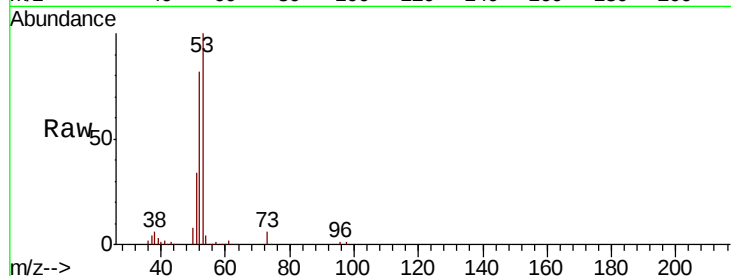
Tot Ion: 53 Resp: 223948

Ion Ratio Lower Upper

53 100

52 83.4 65.6 98.4

51 35.6 28.2 42.4



#16

Acetone

Concen: 264.799 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063046.D

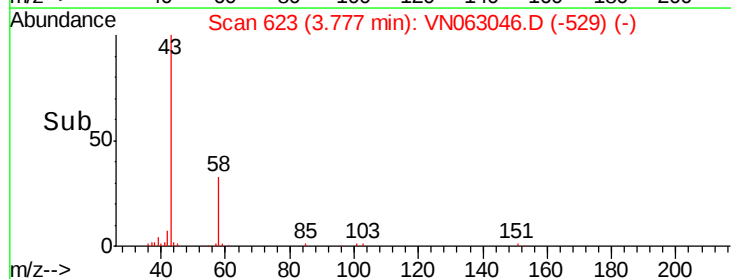
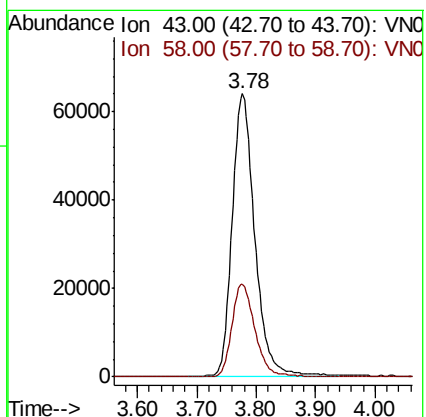
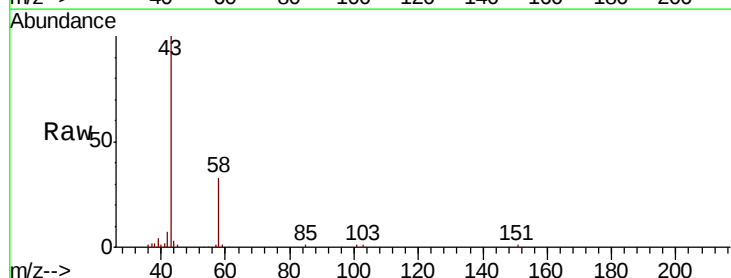
Acq: 20 Aug 2020 19:37

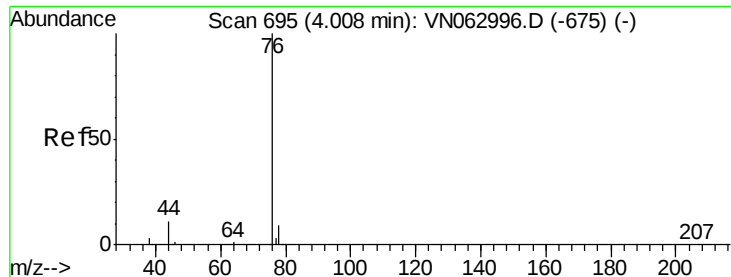
Tgt Ion: 43 Resp: 169937

Ion Ratio Lower Upper

43 100

58 32.9 27.8 41.6





#17

Carbon Disulfide

Concen: 47.510 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

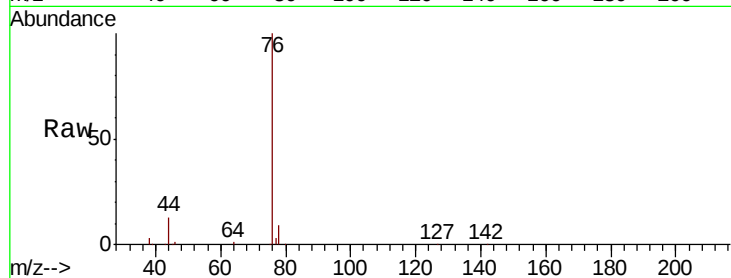
VSTDCCC050

Tot Ion: 76 Resp: 183556

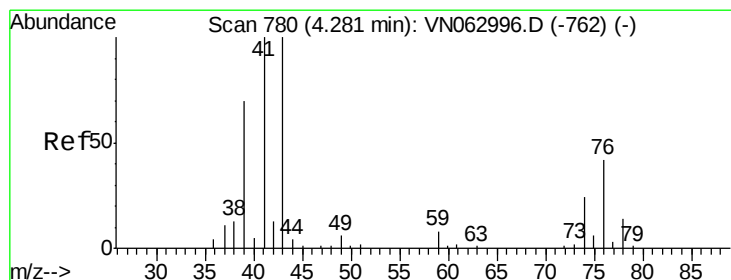
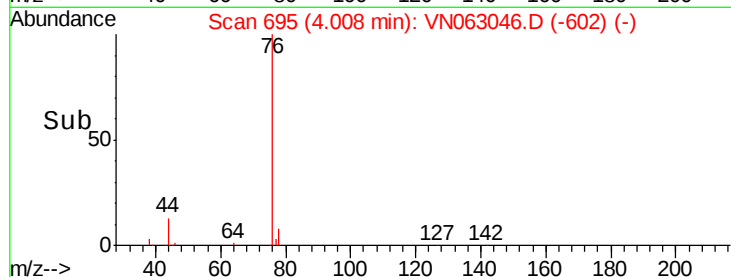
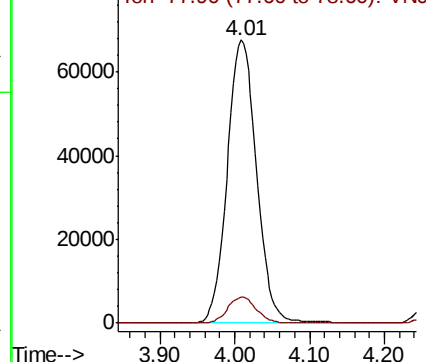
Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 51.100 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN063046.D

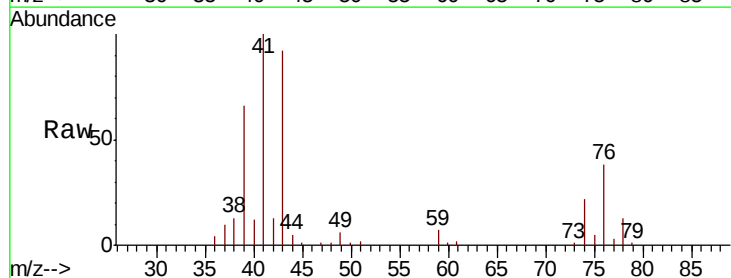
Acq: 20 Aug 2020 19:37

Tgt Ion: 43 Resp: 104600

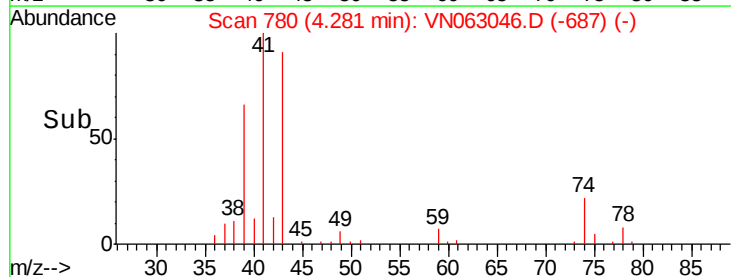
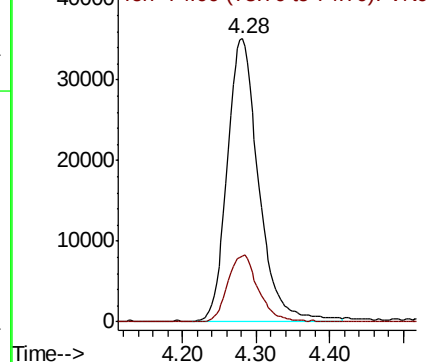
Ion Ratio Lower Upper

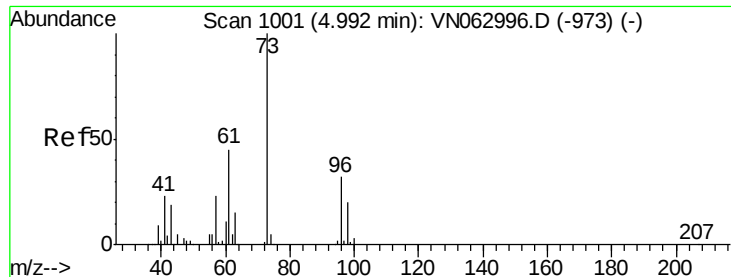
43 100

74 22.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



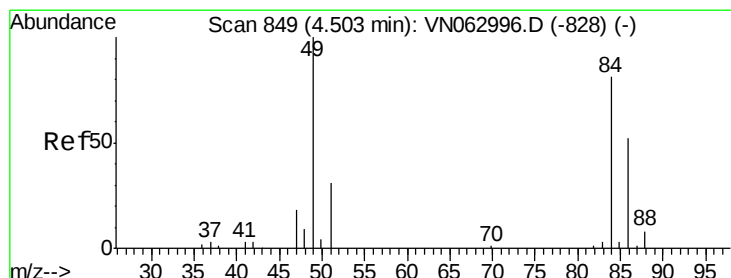
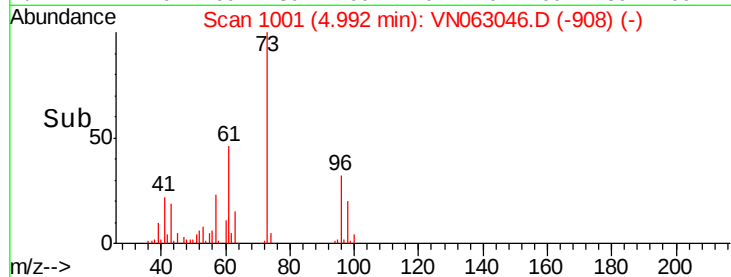
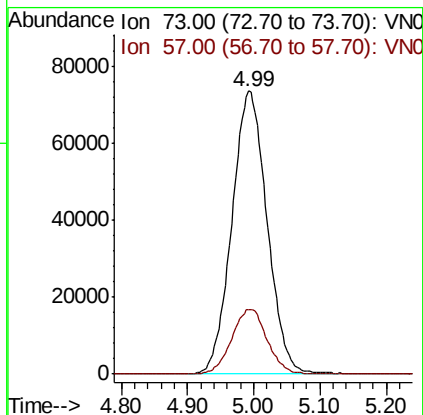
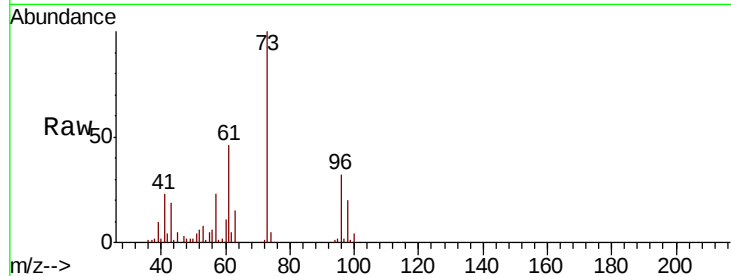


#19

Methyl tert-butyl Ether
 Concen: 52.701 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

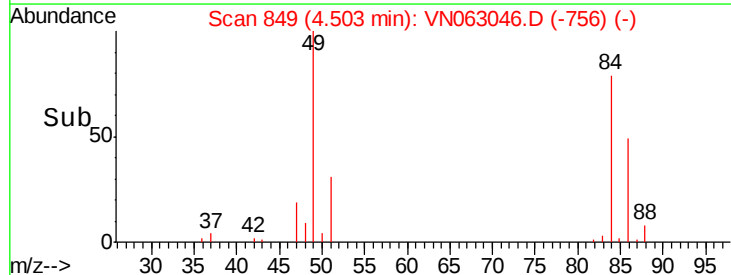
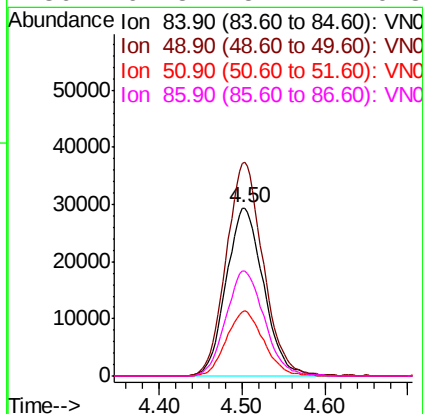
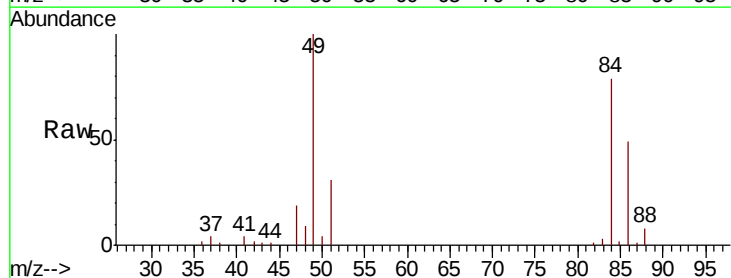
Tot Ion: 73 Resp: 271134
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.1 27.1

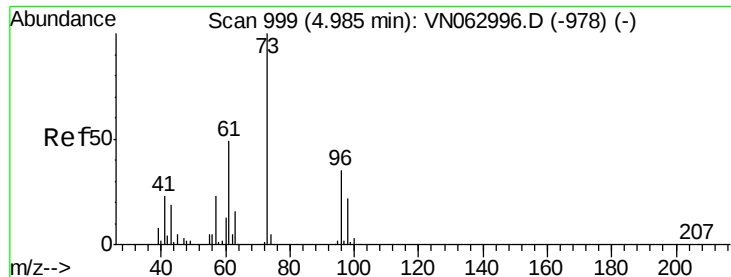


#20

Methylene Chloride
 Concen: 50.811 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 84 Resp: 92235
 Ion Ratio Lower Upper
 84 100
 49 127.1 98.7 148.1
 51 38.8 30.8 46.2
 86 62.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.419 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

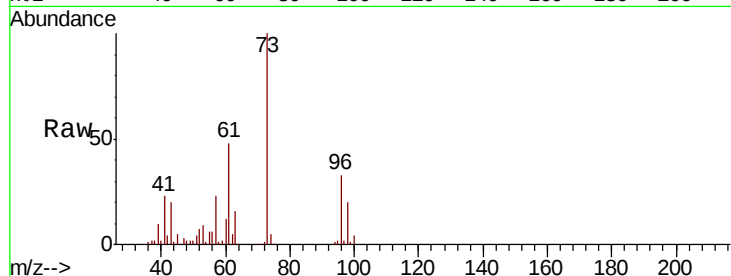
Tot Ion: 96 Resp: 77839

Ion Ratio Lower Upper

96 100

61 141.3 112.5 168.7

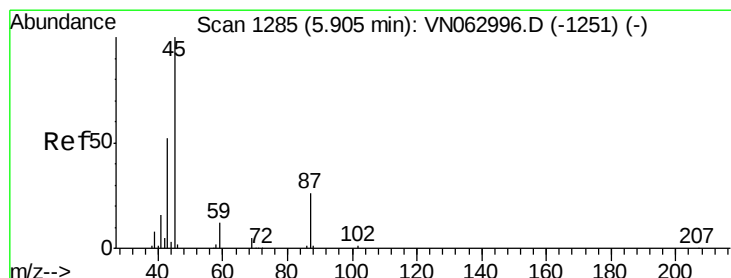
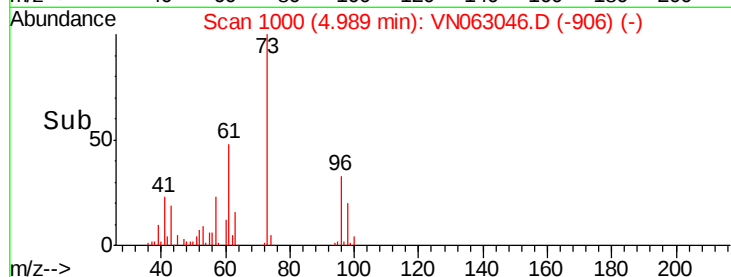
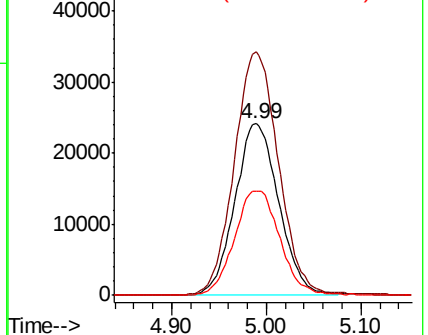
98 61.0 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063046.D (-996) (-)

Ion 60.90 (60.60 to 61.60): VN063046.D (-996) (-)

Ion 97.90 (97.60 to 98.60): VN063046.D (-996) (-)



#22

Diisopropyl ether

Concen: 53.658 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion: 45 Resp: 316721

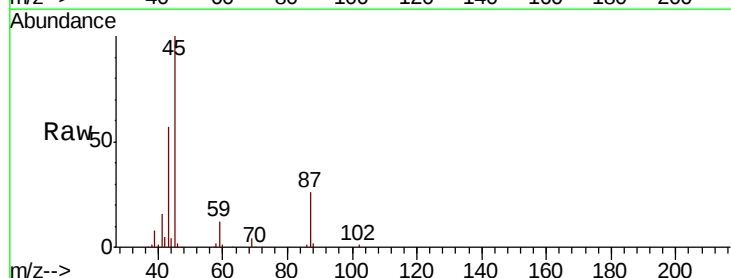
Ion Ratio Lower Upper

45 100

43 55.3 45.7 68.5

87 26.3 21.8 32.6

59 11.7 9.3 13.9

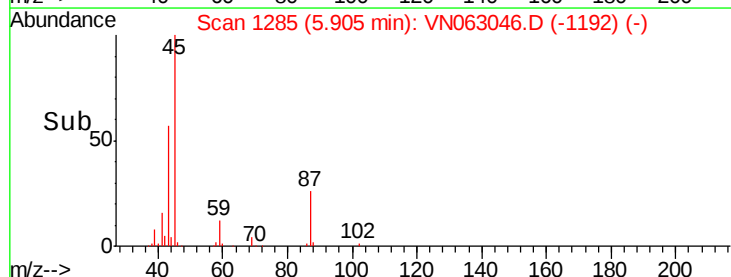
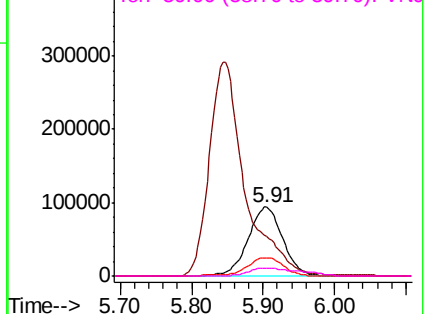


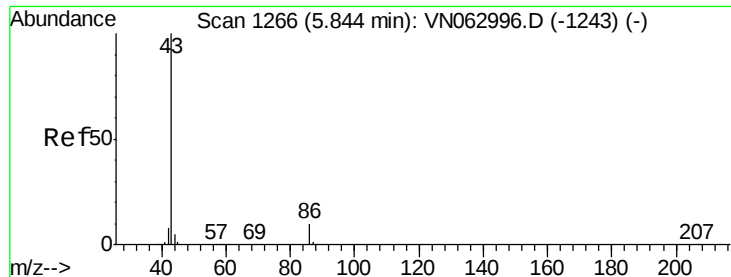
Abundance Ion 45.00 (44.70 to 45.70): VN063046.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN063046.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN063046.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN063046.D (-1192) (-)





#23

Vinyl Acetate

Concen: 254.436 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

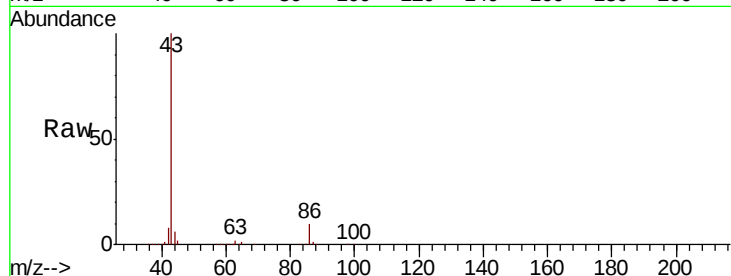
VSTDCCC050

Tot Ion: 43 Resp: 1013457

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.84

300000

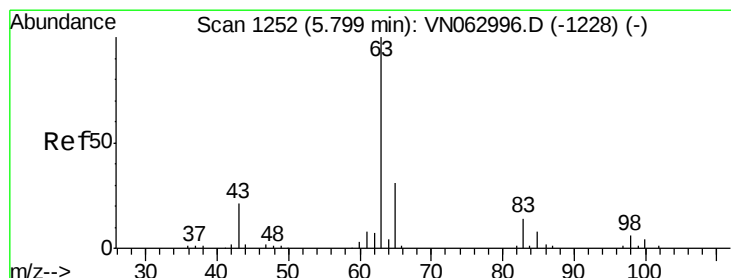
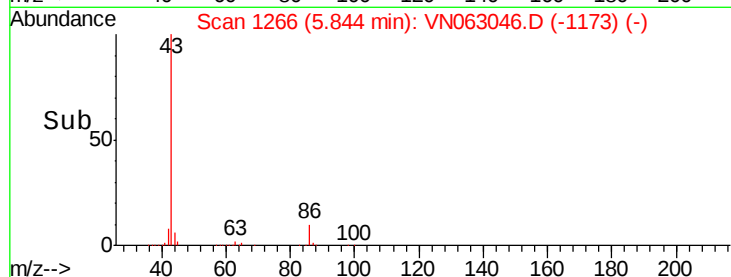
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.696 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

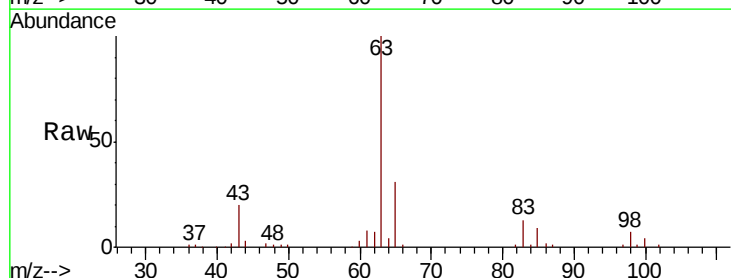
Tgt Ion: 63 Resp: 167218

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.80

60000

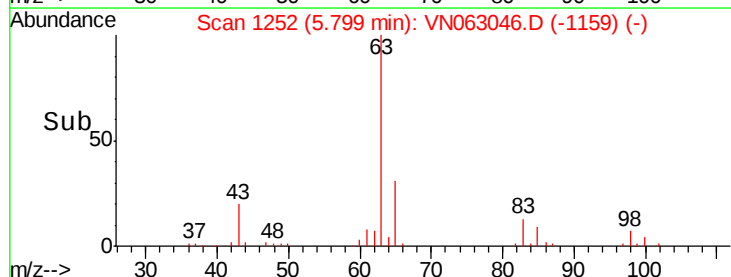
40000

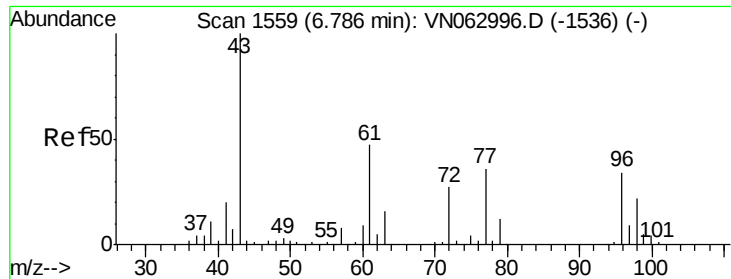
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 251.402 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

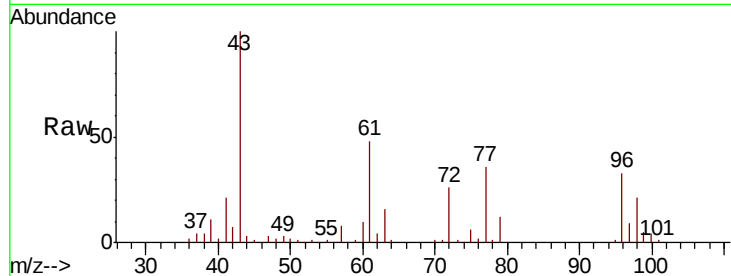
VSTDCCC050

Tot Ion: 43 Resp: 274921

Ion Ratio Lower Upper

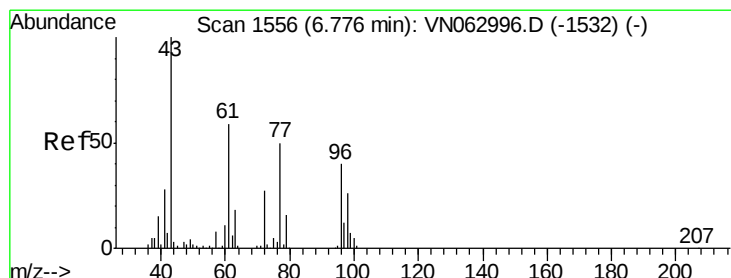
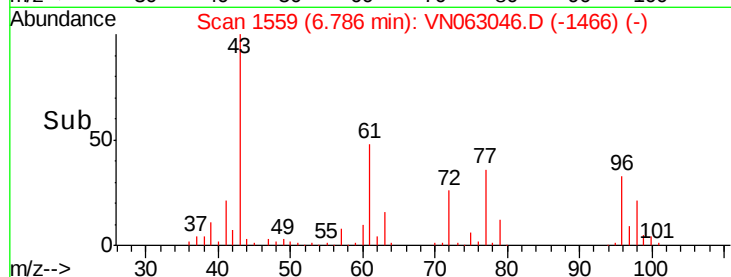
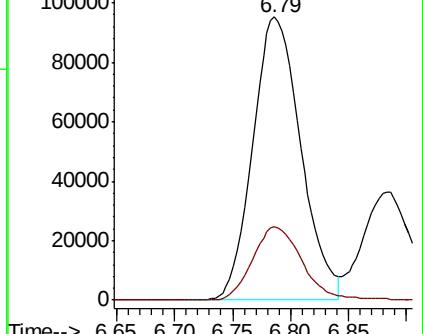
43 100

72 26.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 47.946 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN063046.D

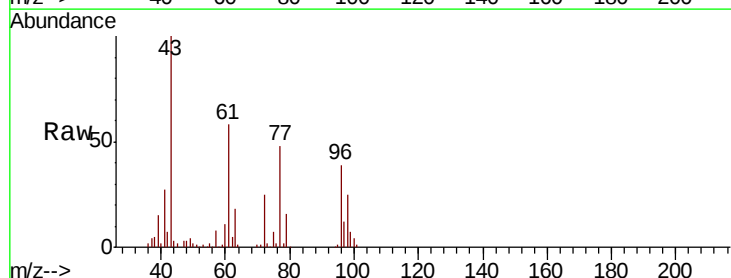
Acq: 20 Aug 2020 19:37

Tgt Ion: 77 Resp: 124371

Ion Ratio Lower Upper

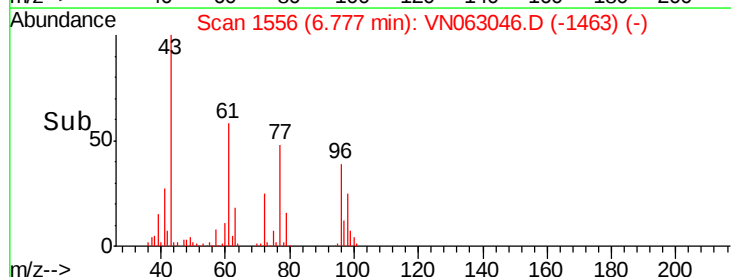
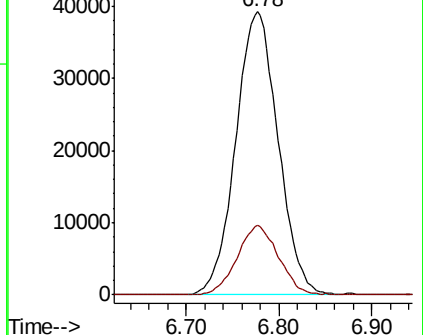
77 100

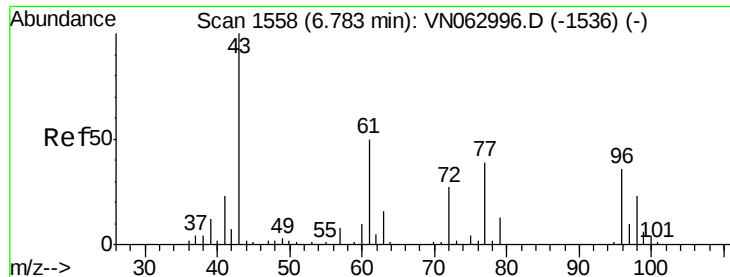
97 23.8 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.851 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

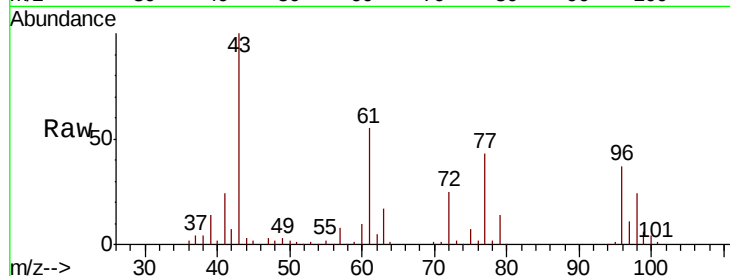
Tot Ion: 96 Resp: 94531

Ion Ratio Lower Upper

96 100

61 150.0 0.0 292.8

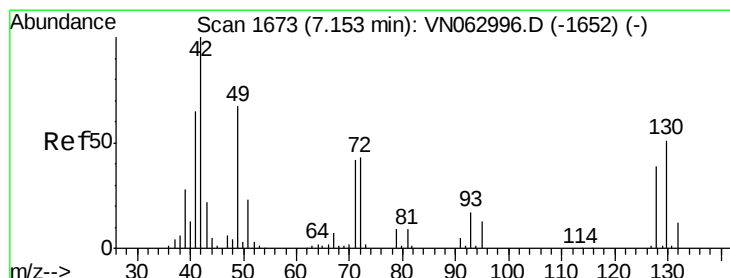
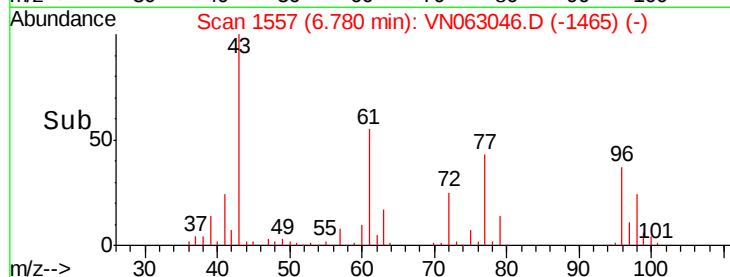
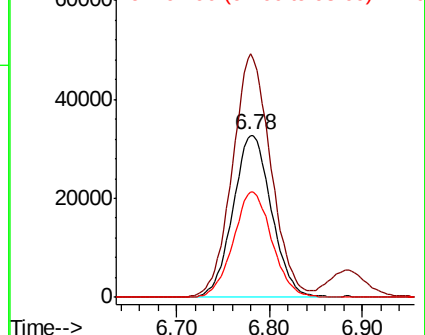
98 65.2 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN062996.D (-1536) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1536) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1536) (-)



#28

Bromochloromethane

Concen: 50.879 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

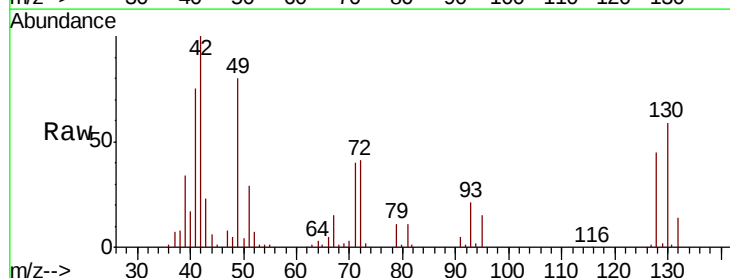
Tgt Ion: 49 Resp: 87809

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

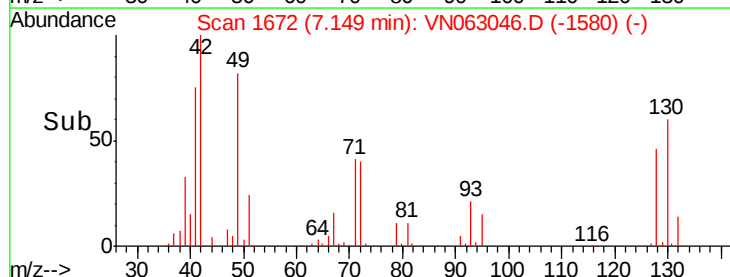
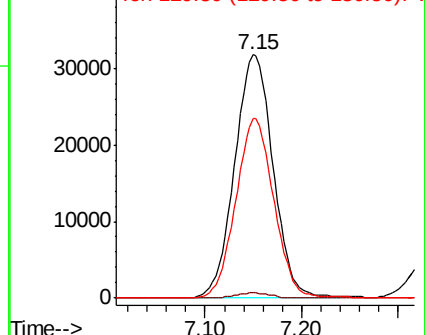
130 72.7 61.1 91.7

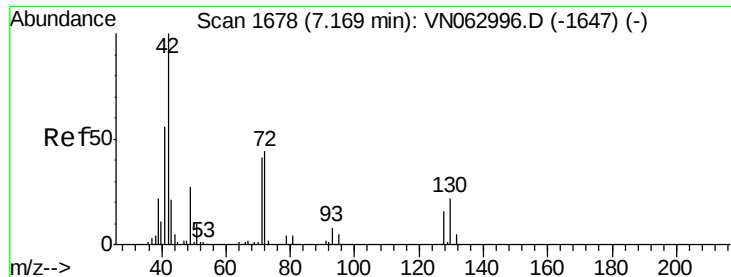


Abundance Ion 48.90 (48.60 to 49.60): VN062996.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN062996.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN062996.D (-1652) (-)

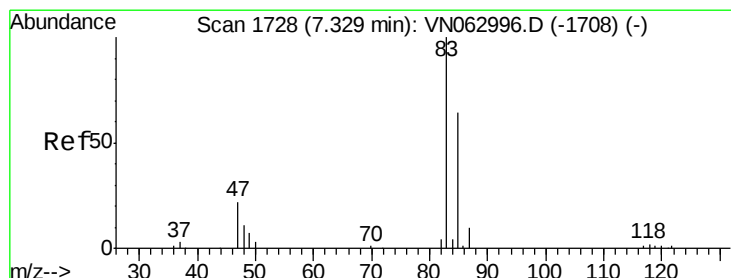
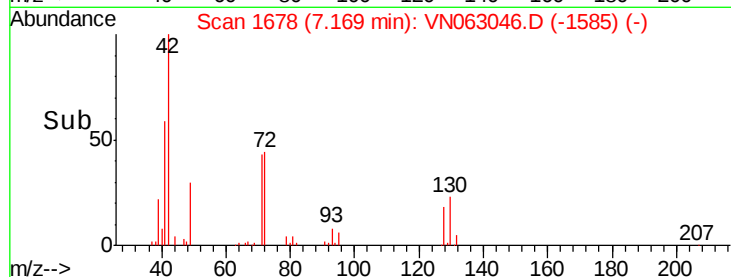
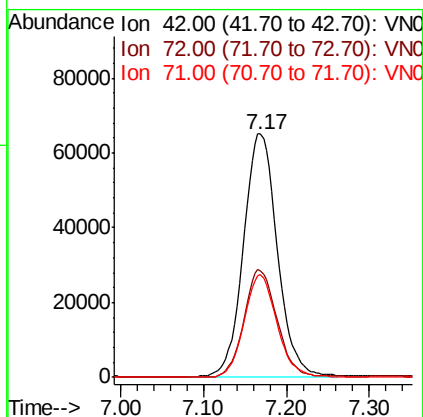
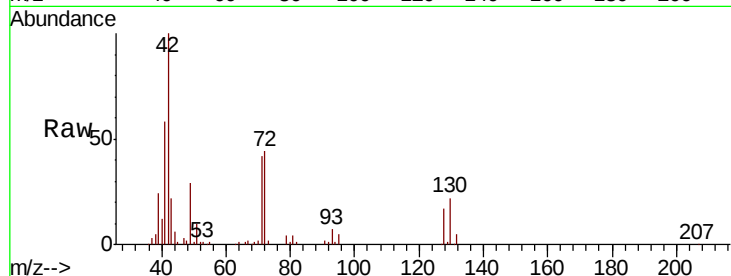




#29
Tetrahydrofuran
Concen: 262.922 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

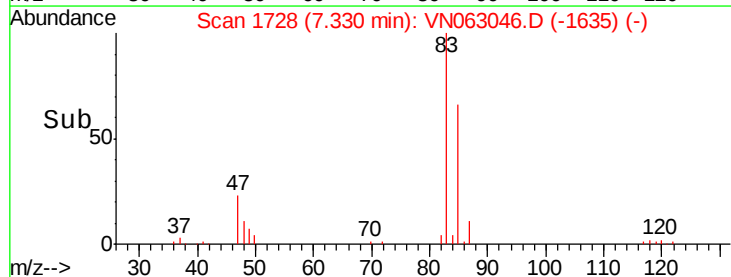
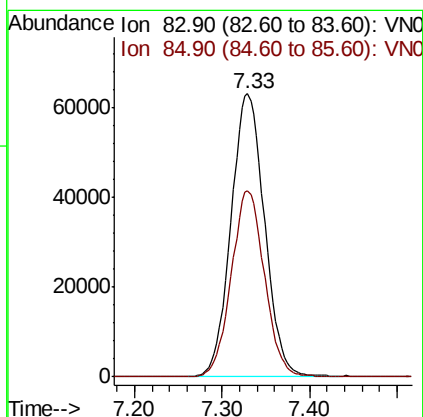
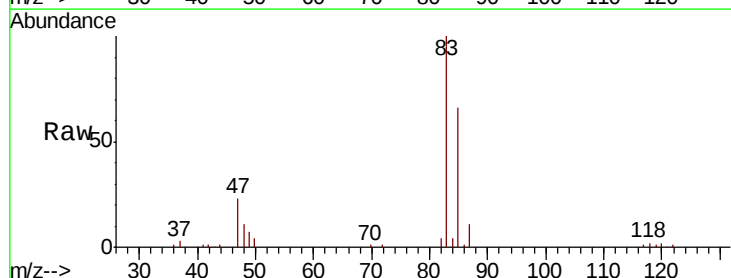
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

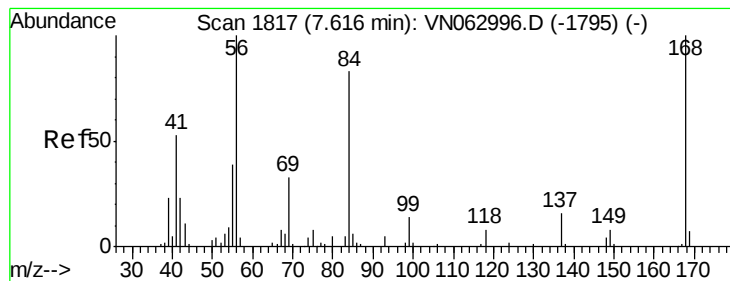
Tot Ion: 42 Resp: 185564
Ion Ratio Lower Upper
42 100
72 42.9 34.6 52.0
71 40.7 32.3 48.5



#30
Chloroform
Concen: 50.776 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 83 Resp: 168675
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3





#31

Cyclohexane

Concen: 49.443 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

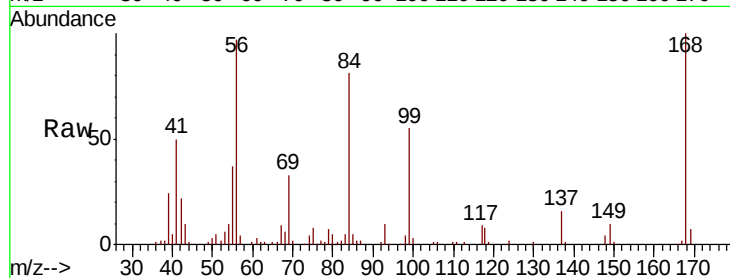
Tot Ion: 56 Resp: 150101

Ion Ratio Lower Upper

56 100

69 33.6 26.6 40.0

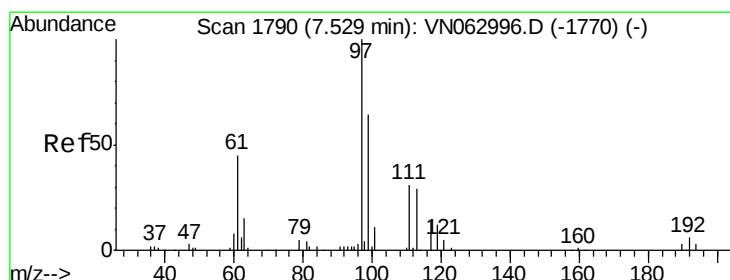
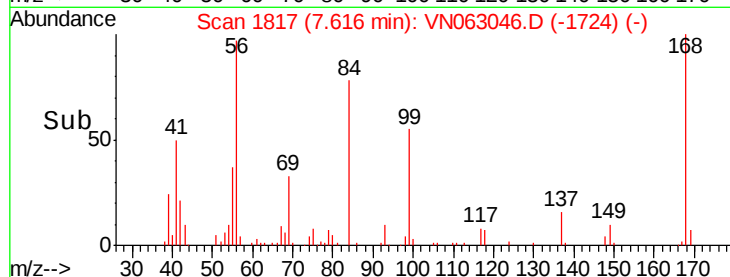
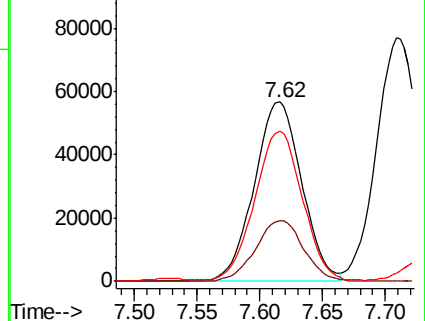
84 82.8 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062996.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 50.042 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

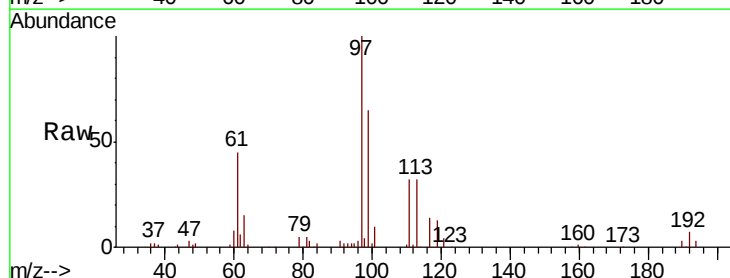
Tgt Ion: 97 Resp: 135714

Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

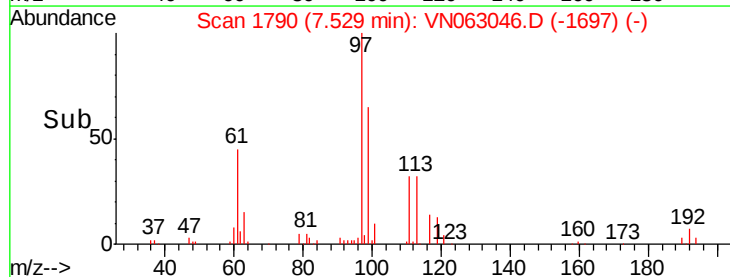
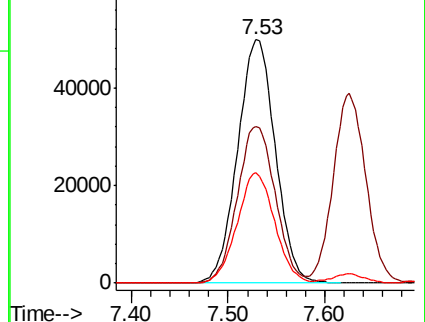
61 45.0 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN062996.D (-1770) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1770) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1770) (-)

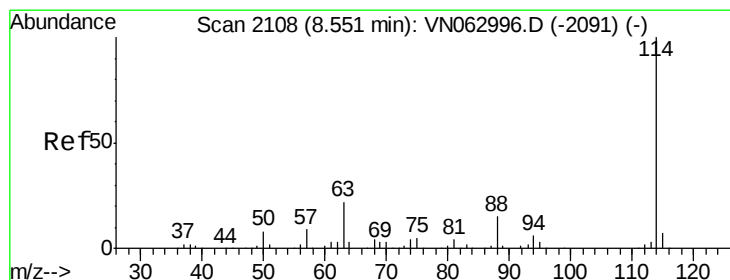
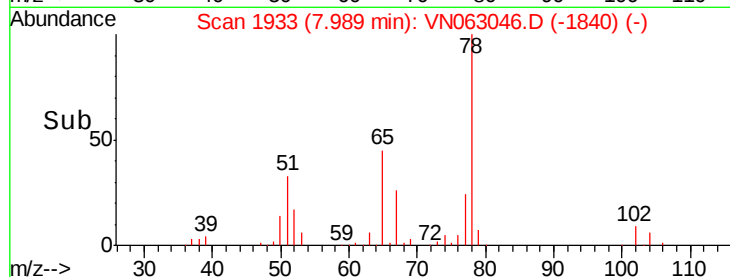
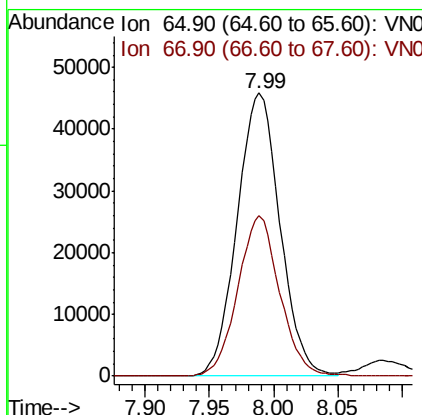
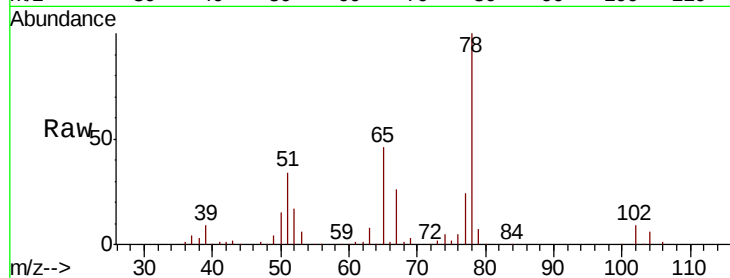




#33
 1,2-Dichloroethane-d4
 Concen: 51.590 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

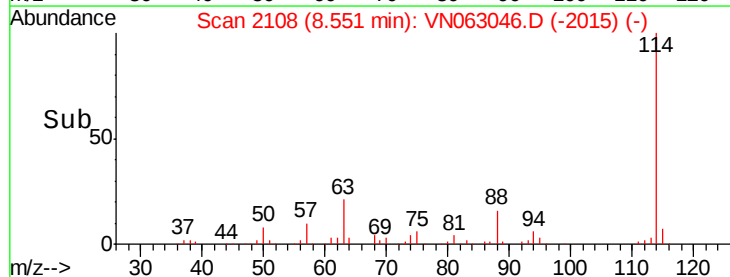
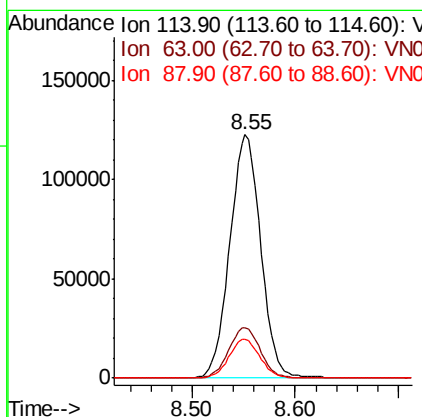
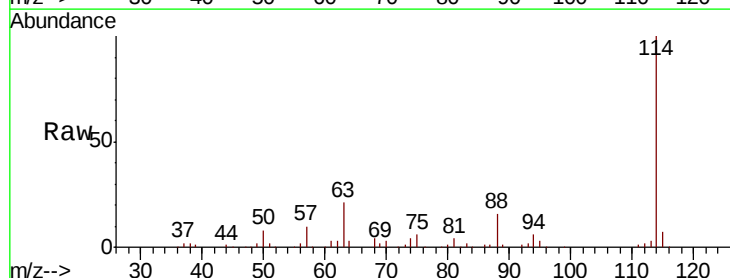
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

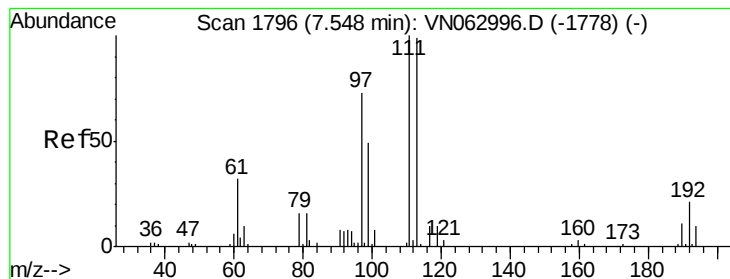
Tot Ion: 65 Resp: 106265
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 114 Resp: 256629
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.164 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

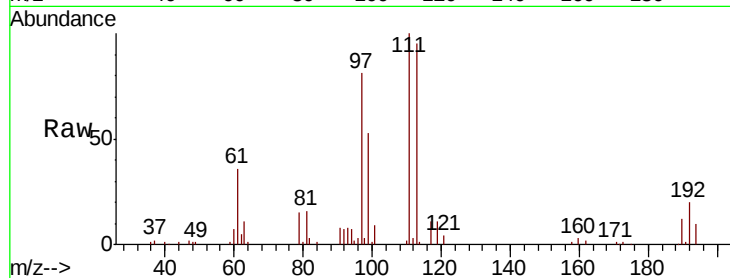
Tot Ion:113 Resp: 87228

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

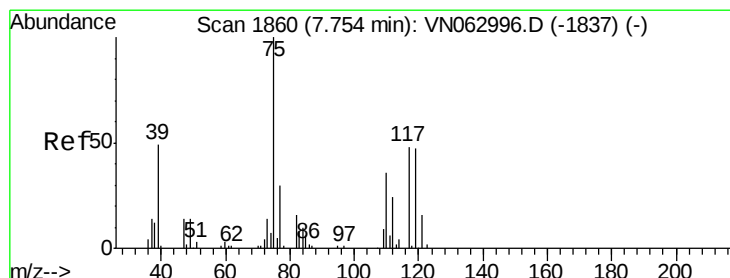
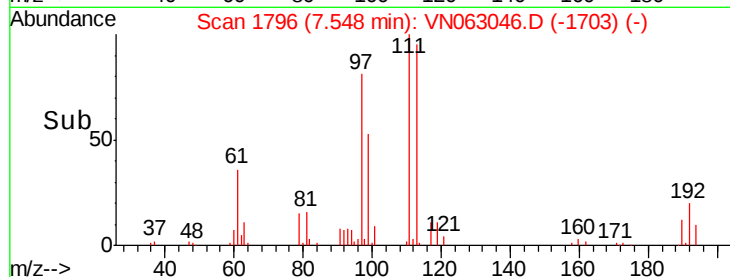
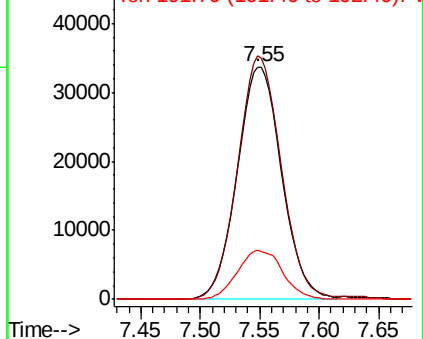
192 21.4 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.280 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

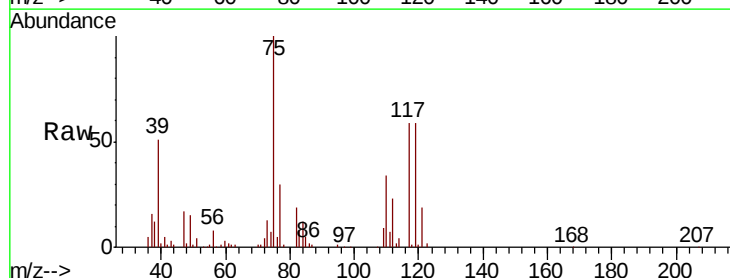
Tgt Ion: 75 Resp: 113710

Ion Ratio Lower Upper

75 100

110 34.1 17.5 52.6

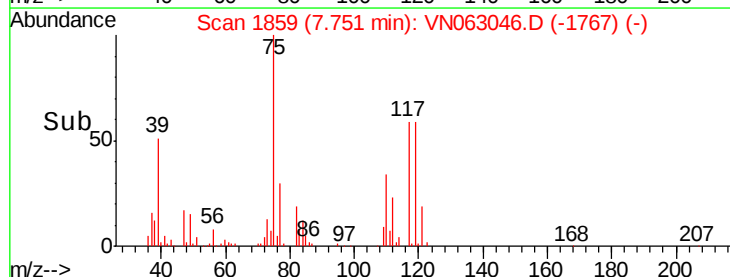
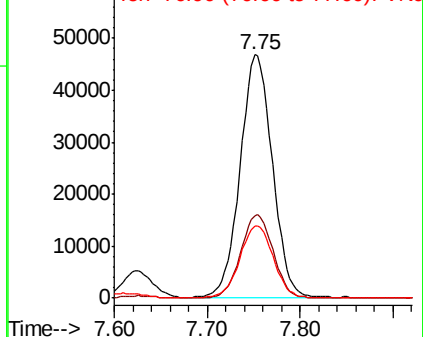
77 30.8 24.2 36.4

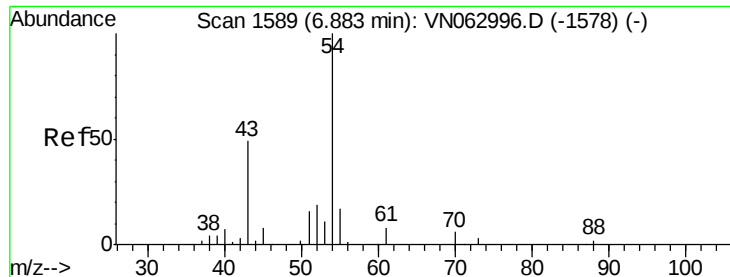


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

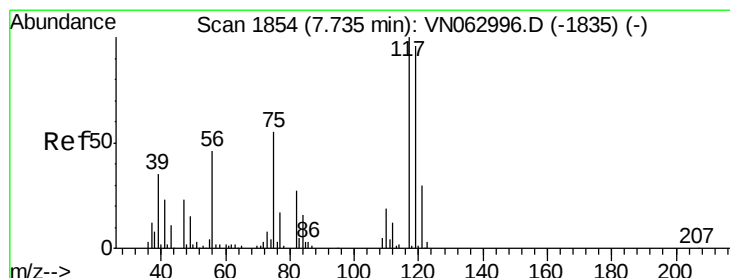
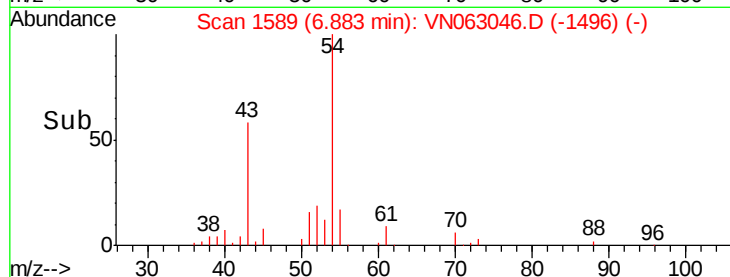
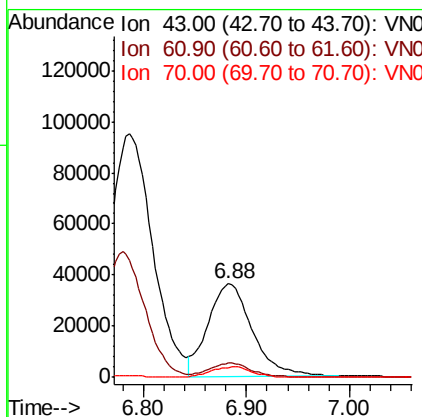
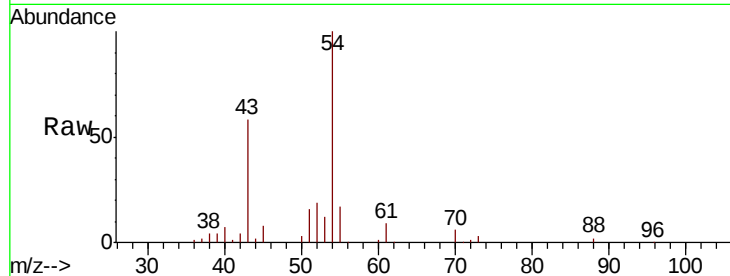




#37
Ethyl Acetate
Concen: 50.846 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

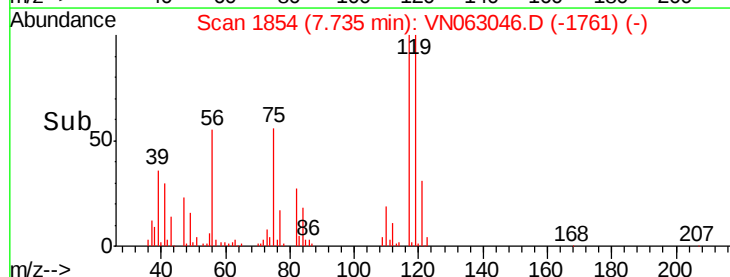
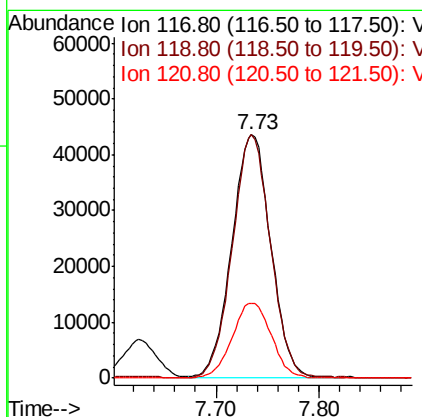
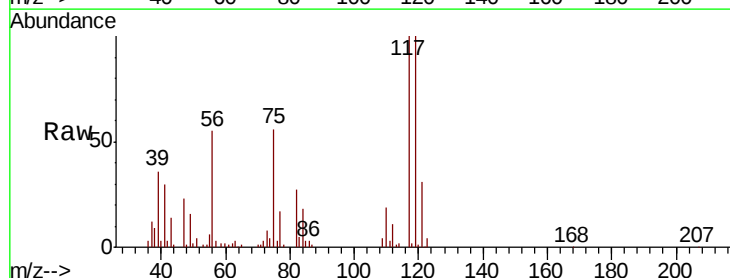
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

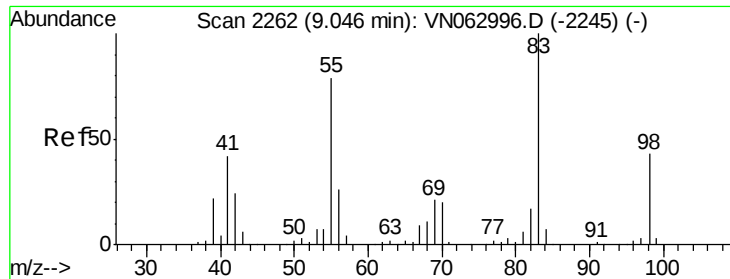
Tot Ion: 43 Resp: 107747
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.8
70 10.6 8.2 12.2



#38
Carbon Tetrachloride
Concen: 49.793 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 117 Resp: 113687
Ion Ratio Lower Upper
117 100
119 100.3 76.2 114.4
121 30.8 24.2 36.2

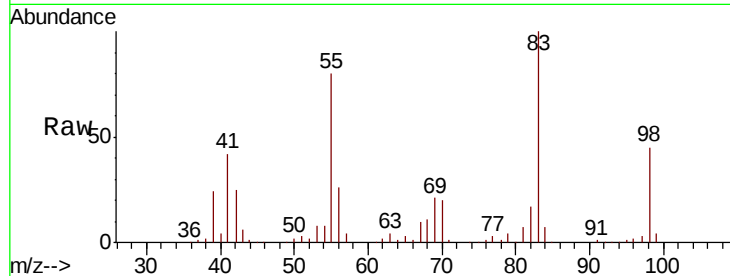




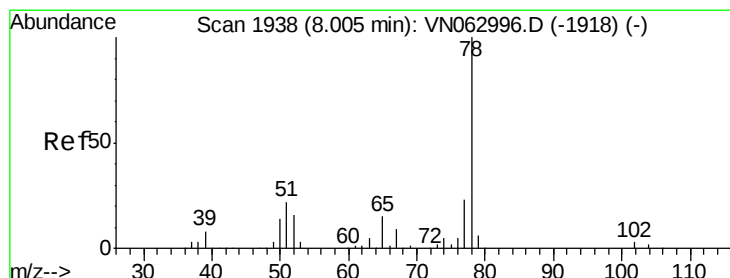
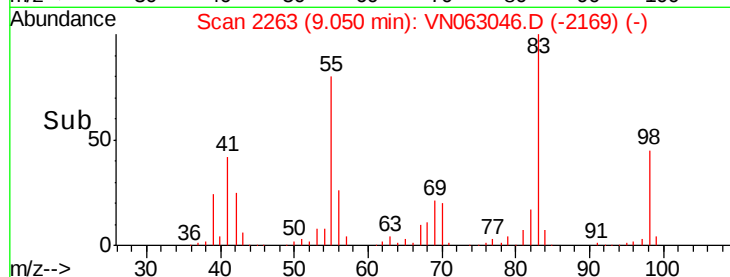
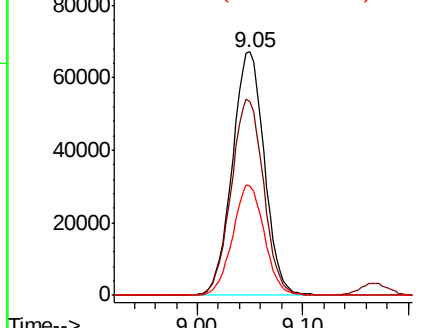
#39
Methvlcvclohexane
Concen: 46.444 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 141457
Ion Ratio Lower Upper
83 100
55 79.6 63.3 94.9
98 44.9 34.2 51.4

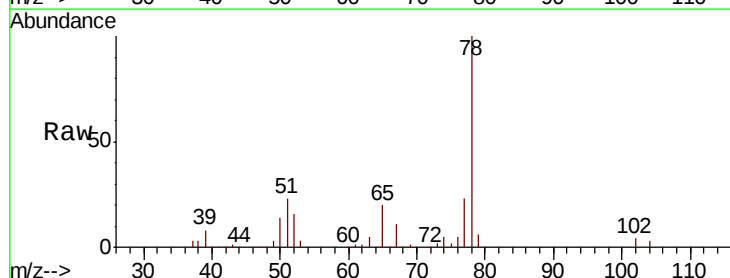


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

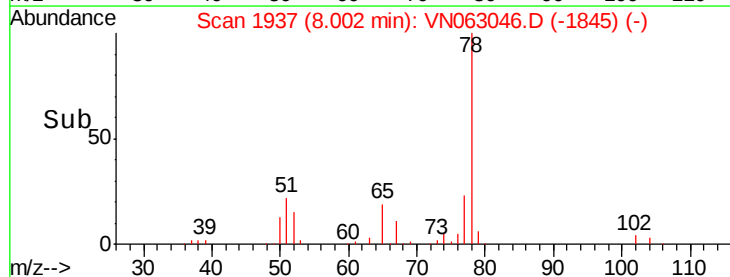
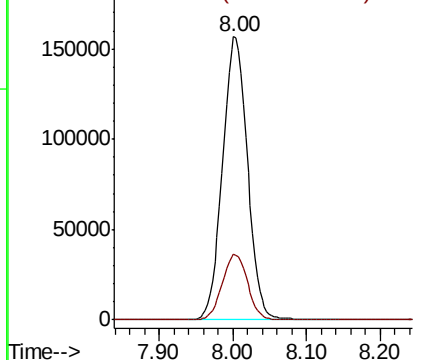


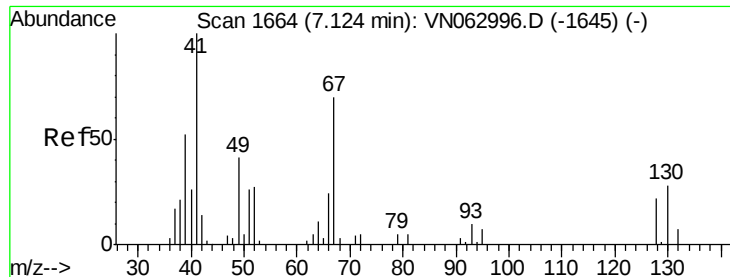
#40
Benzene
Concen: 51.415 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 78 Resp: 368790
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



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

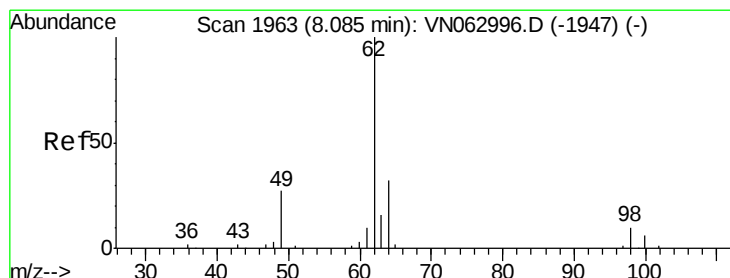
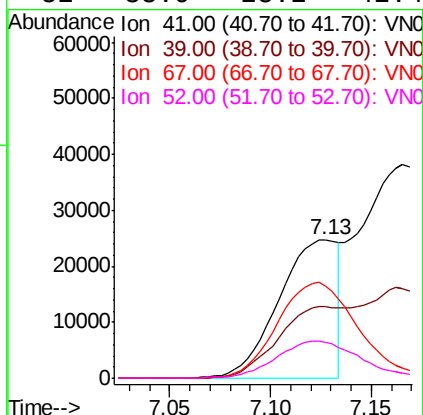
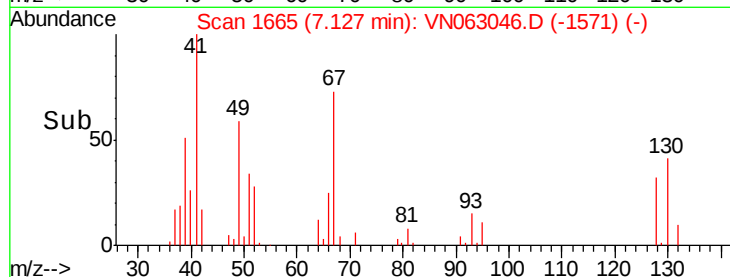
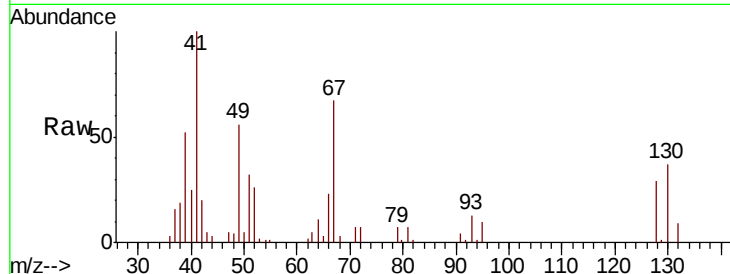




#41
Methacrylonitrile
Concen: 49.721 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

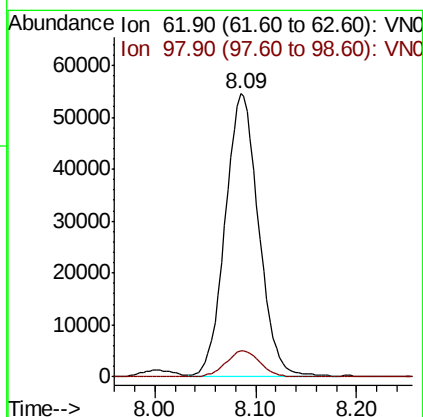
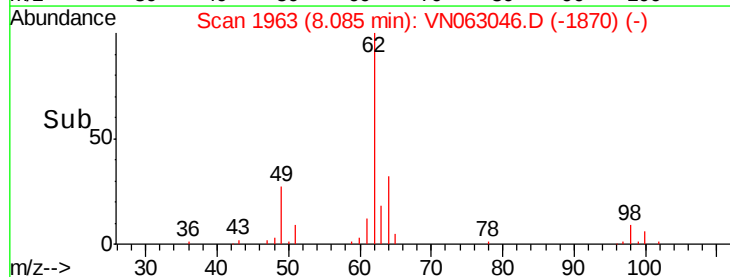
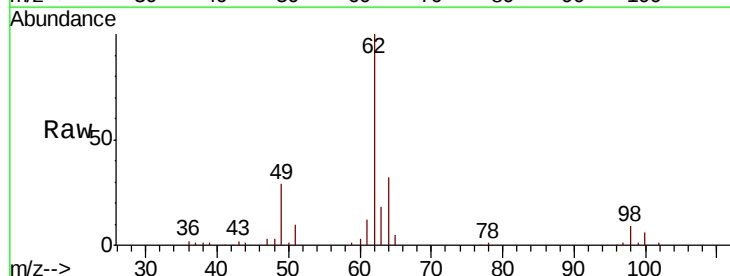
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

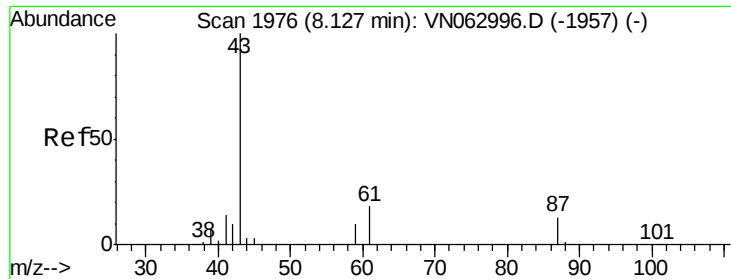
Tot Ion:	41	Resp:	50201
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.6	62.4
67	94.5	71.8	107.8
52	38.9	28.2	42.4



#42
1,2-Dichloroethane
Concen: 51.989 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion:	62	Resp:	125213
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





#43

Isopropyl Acetate

Concen: 51.195 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

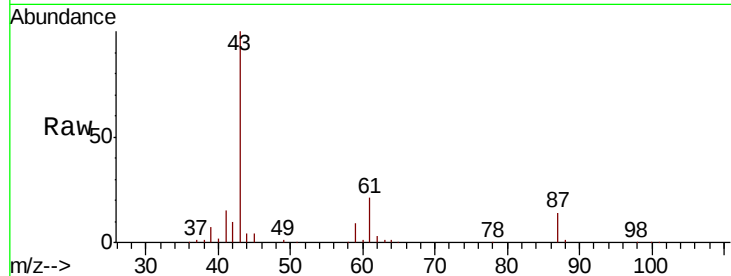
Tot Ion: 43 Resp: 179732

Ion Ratio Lower Upper

43 100

61 21.3 22.6 33.8#

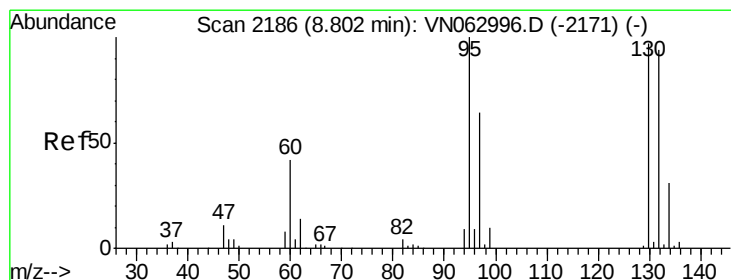
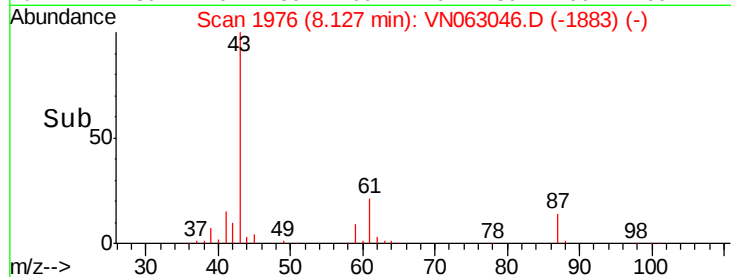
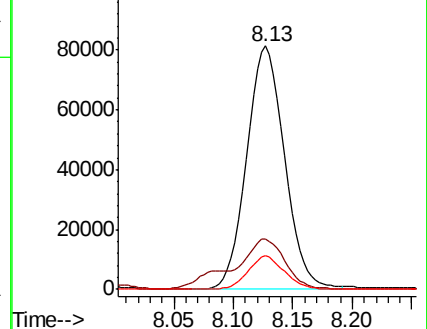
87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 49.335 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063046.D

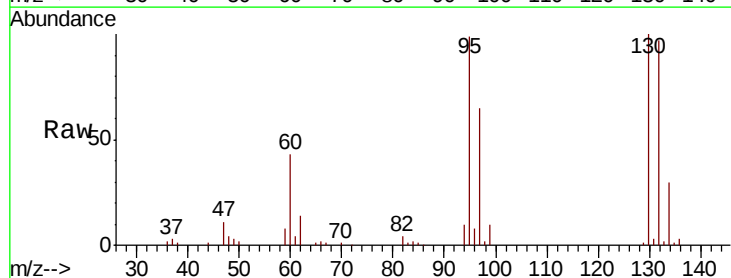
Acq: 20 Aug 2020 19:37

Tgt Ion:130 Resp: 88024

Ion Ratio Lower Upper

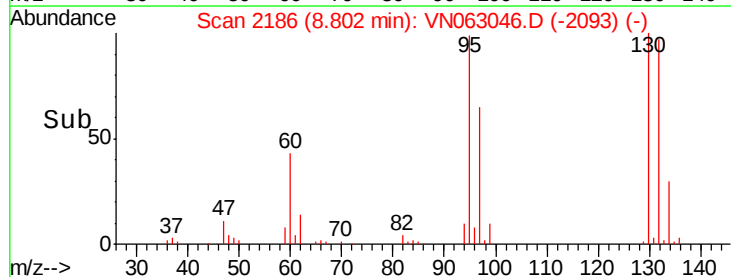
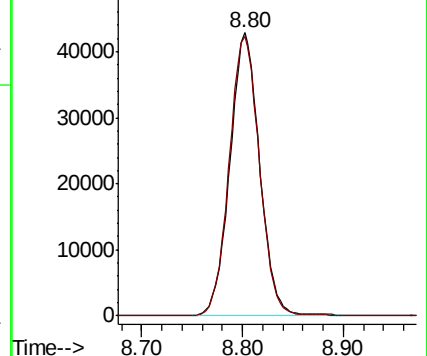
130 100

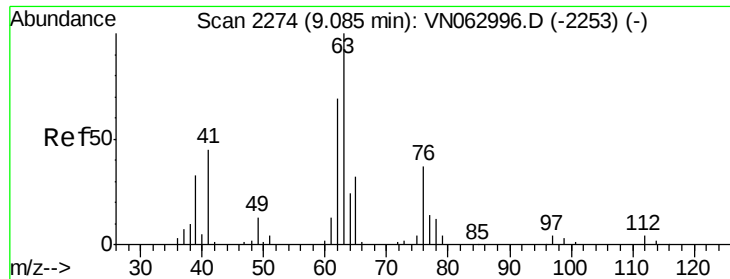
95 98.6 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 51.456 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

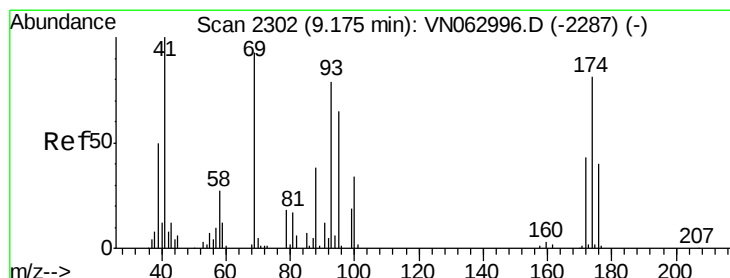
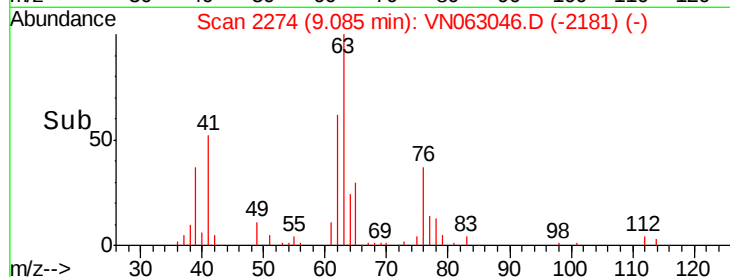
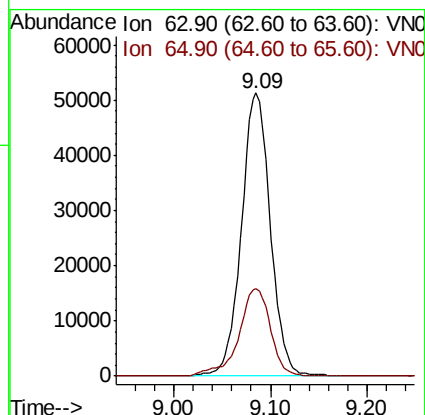
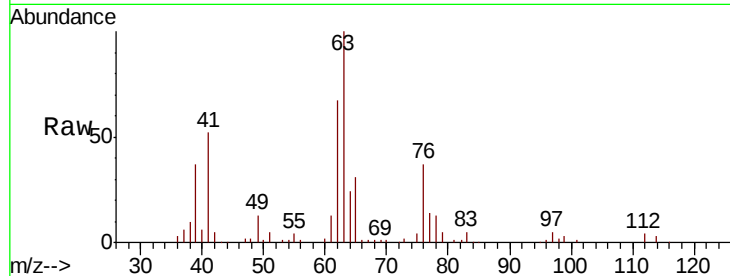
VSTDCCC050

Tot Ion: 63 Resp: 106687

Ion Ratio Lower Upper

63 100

65 31.1 25.6 38.4



#46

Dibromomethane

Concen: 52.572 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

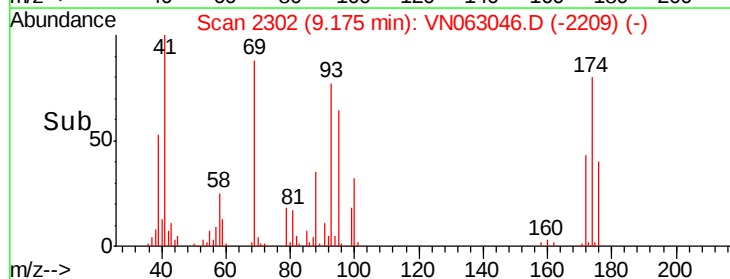
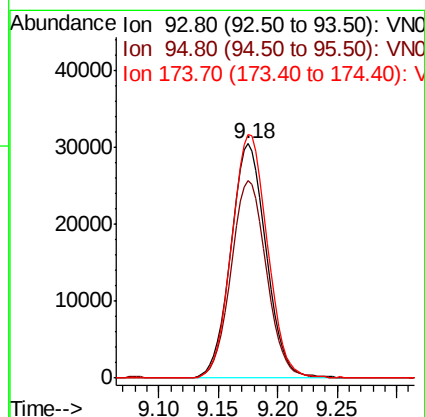
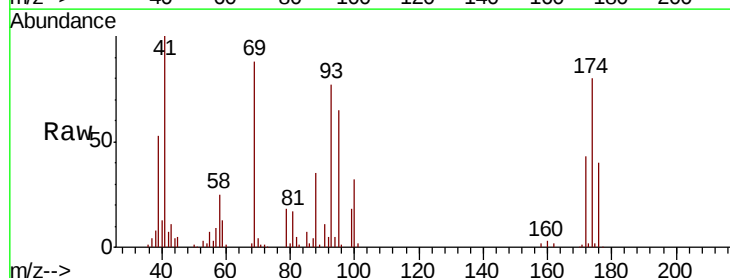
Tgt Ion: 93 Resp: 62969

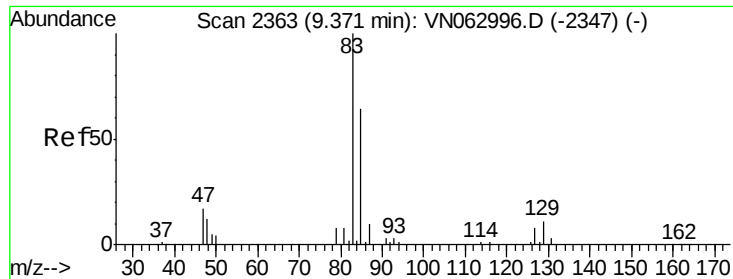
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 105.1 84.6 127.0





#47

Bromodichloromethane

Concen: 52.141 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

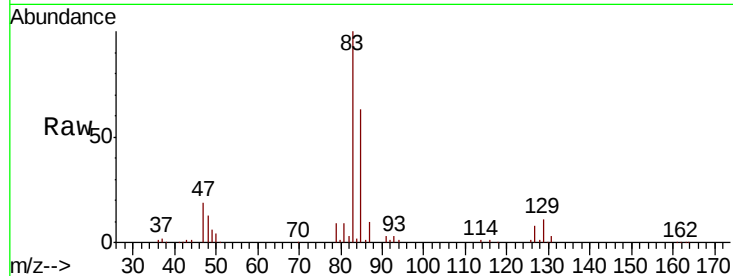
Tot Ion: 83 Resp: 136786

Ion Ratio Lower Upper

83 100

85 63.5 51.1 76.7

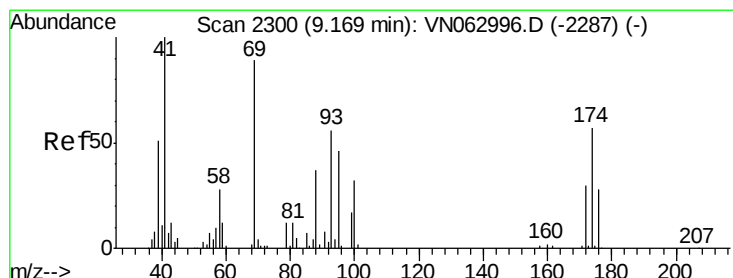
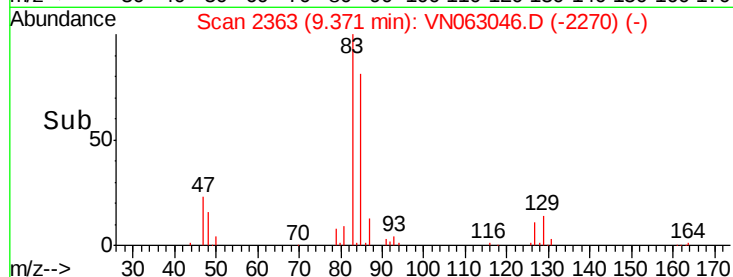
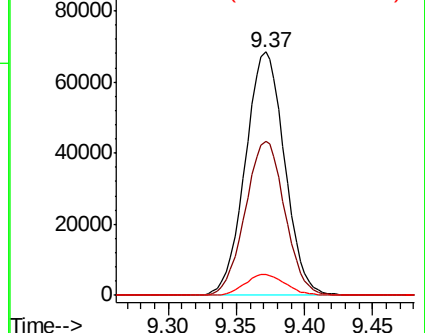
127 8.4 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063046.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063046.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063046.D (-2270) (-)



#48

Methyl methacrylate

Concen: 53.280 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

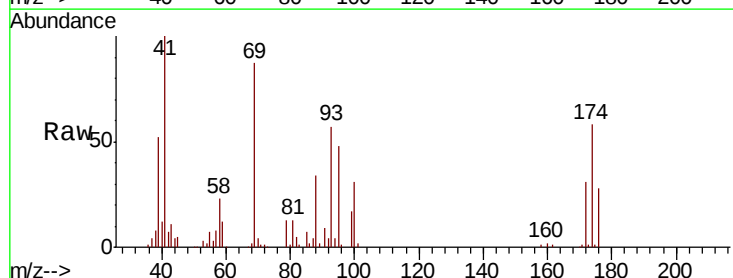
Tgt Ion: 41 Resp: 88503

Ion Ratio Lower Upper

41 100

69 91.2 74.2 111.4

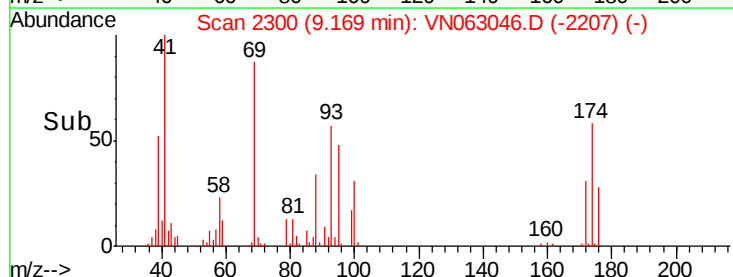
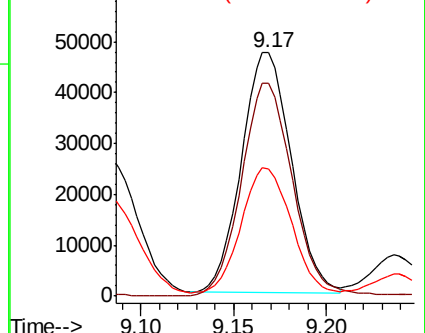
39 54.2 42.5 63.7

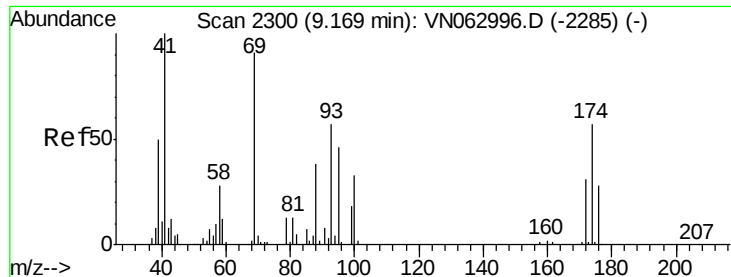


Abundance Ion 41.00 (40.70 to 41.70): VN063046.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063046.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063046.D (-2207) (-)

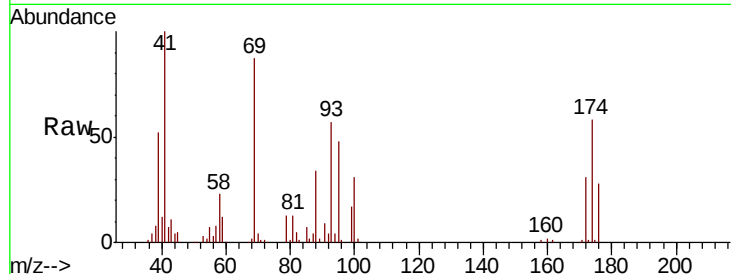




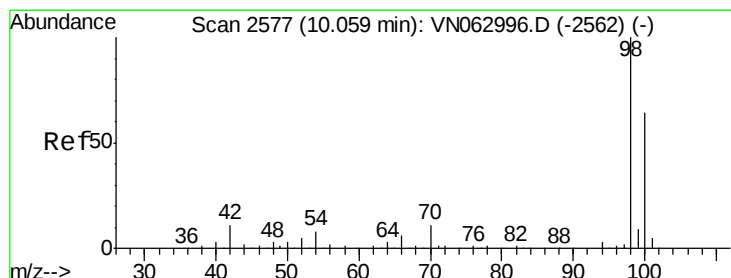
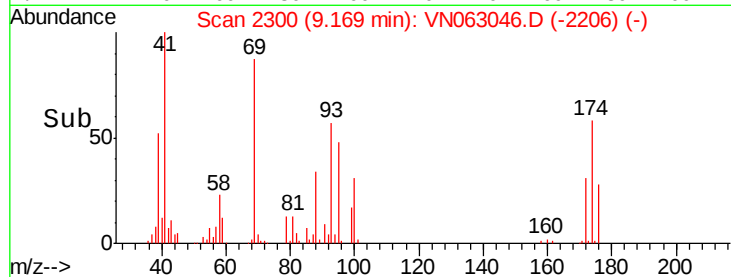
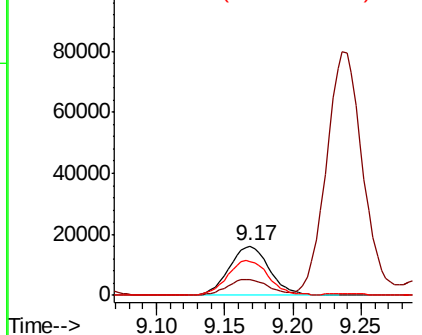
#49
 1,4-Dioxane
 Concen: 909.865 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 33207
 Ion Ratio Lower Upper
 88 100
 43 33.2 25.2 37.8
 58 71.6 56.7 85.1

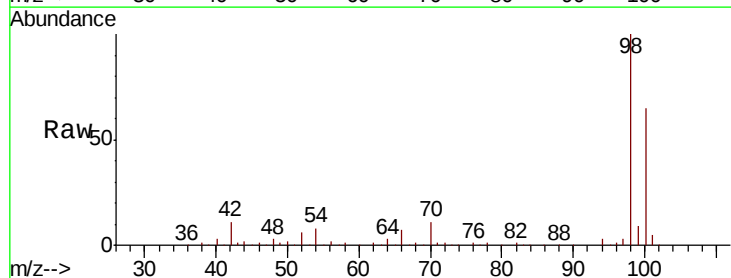


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

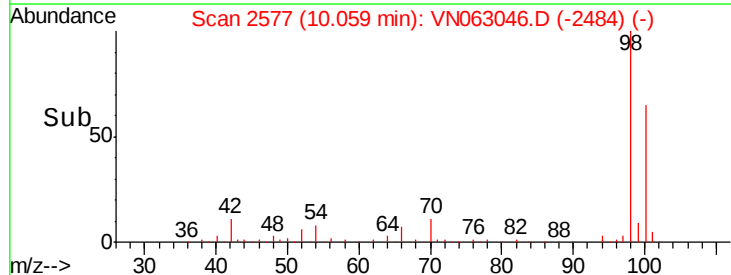
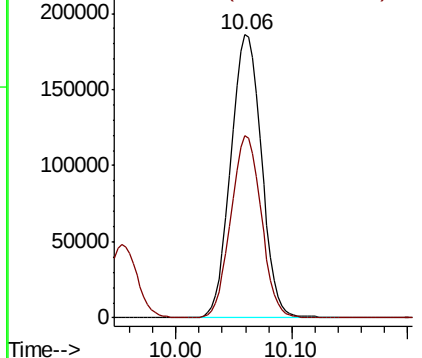


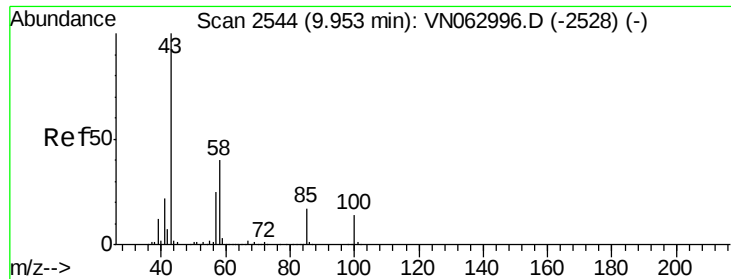
#50
 Toluene-d8
 Concen: 53.077 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 98 Resp: 340911
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.2 76.8



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: 271.615 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

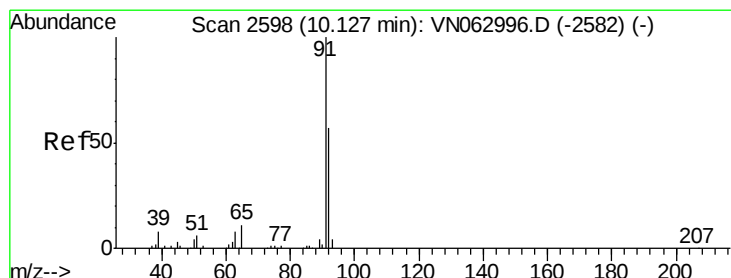
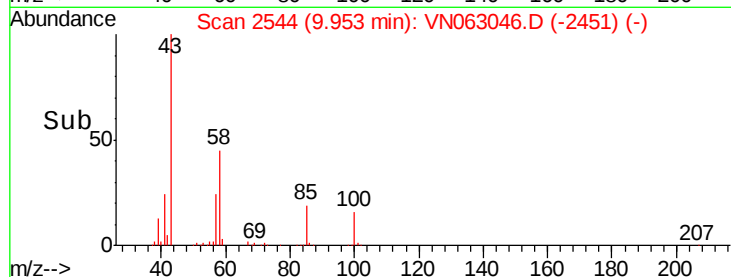
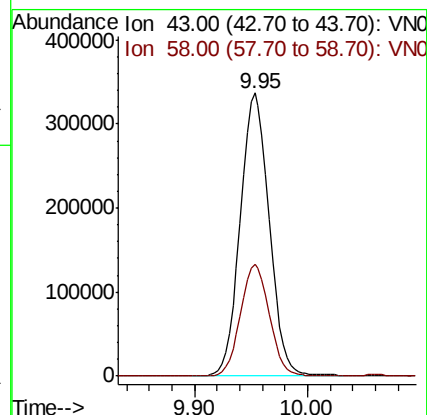
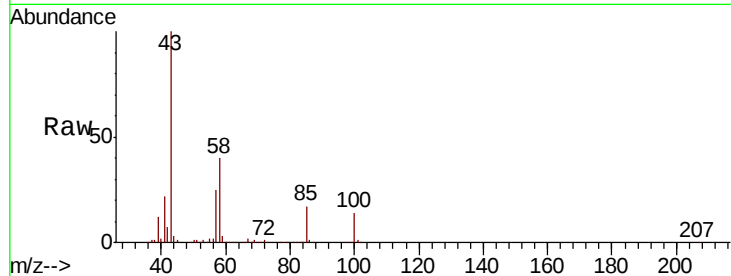
VSTDCCC050

Tot Ion: 43 Resp: 602733

Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.2



#52

Toluene

Concen: 52.751 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063046.D

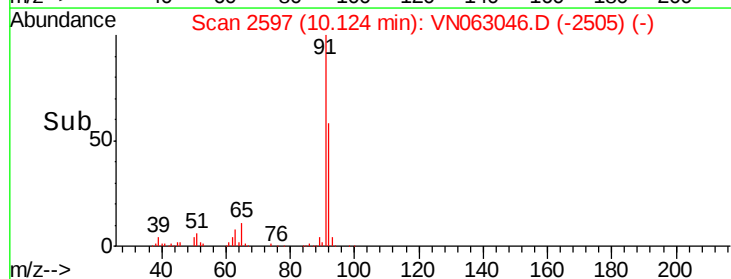
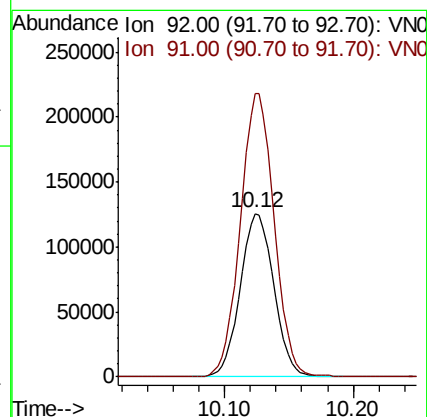
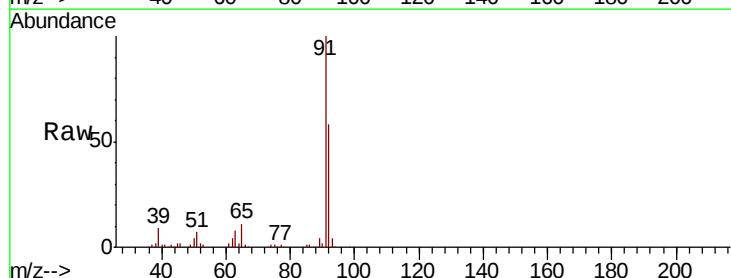
Acq: 20 Aug 2020 19:37

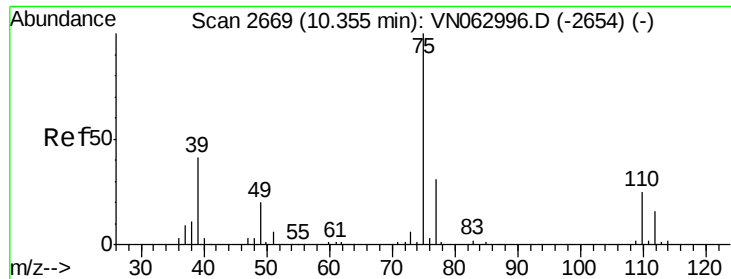
Tgt Ion: 92 Resp: 228251

Ion Ratio Lower Upper

92 100

91 174.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.441 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

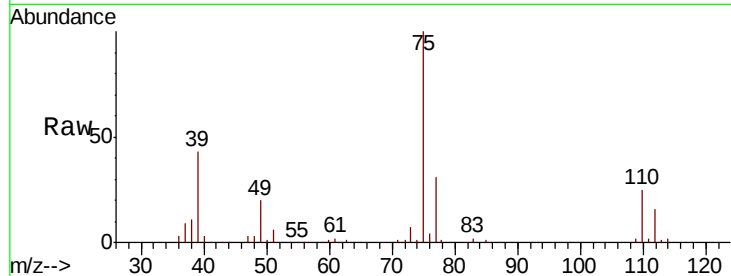
VSTDCCC050

Tot Ion: 75 Resp: 142269

Ion Ratio Lower Upper

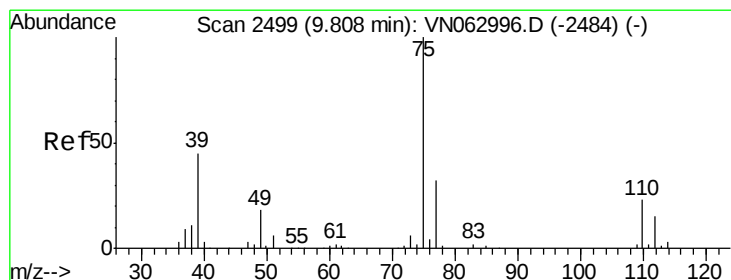
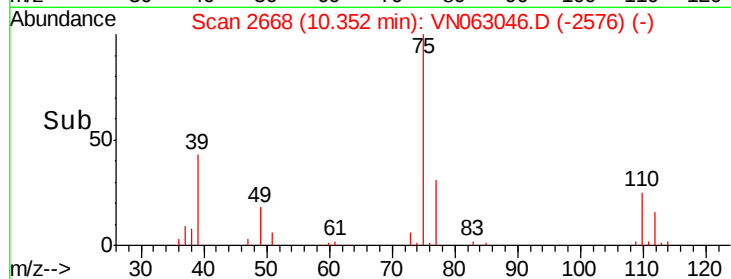
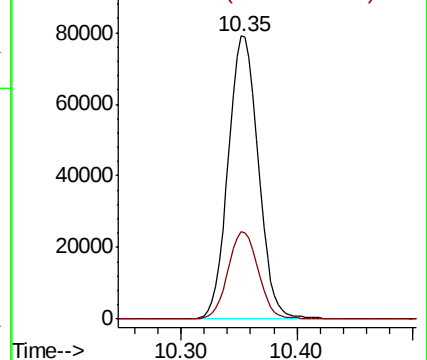
75 100

77 30.7 24.6 37.0



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: 52.565 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

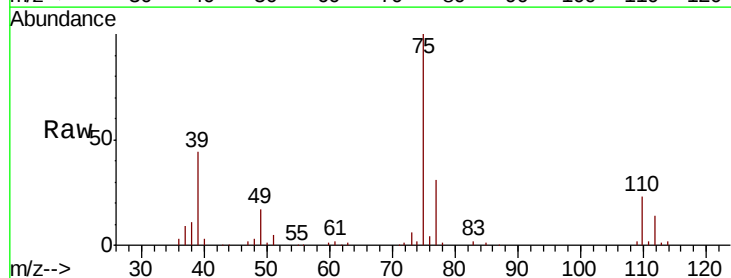
Tgt Ion: 75 Resp: 156436

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

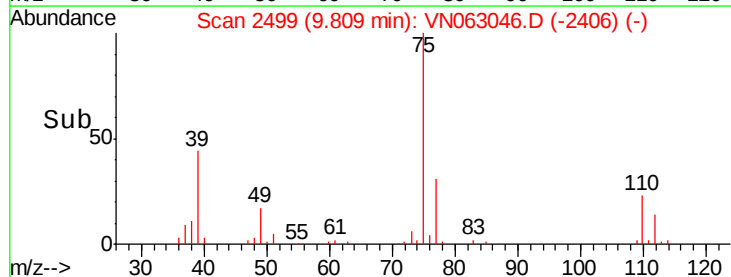
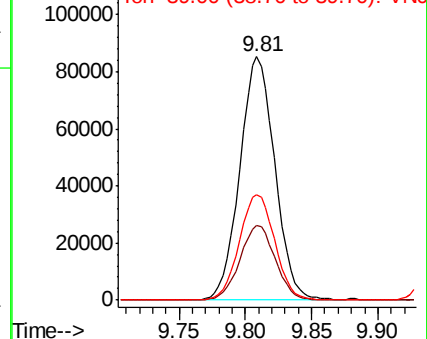
39 43.5 35.7 53.5

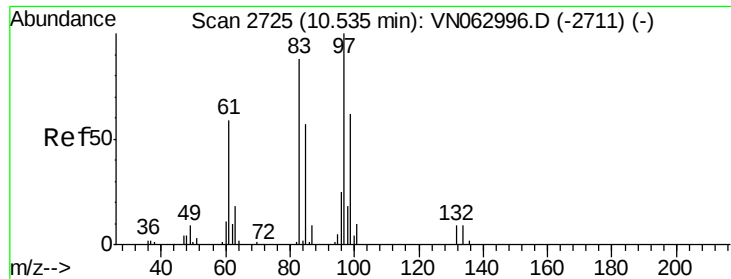


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

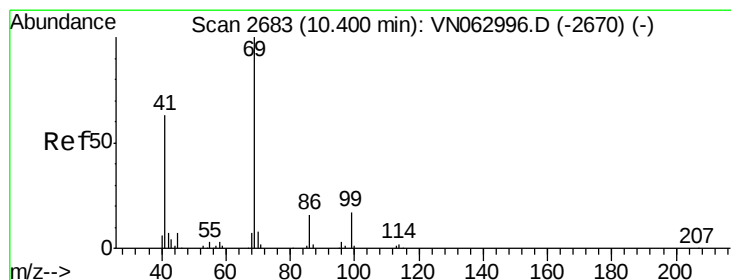
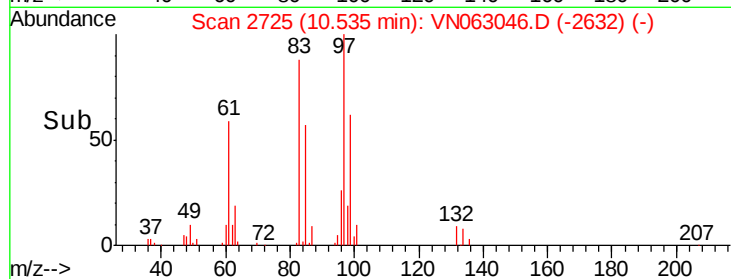
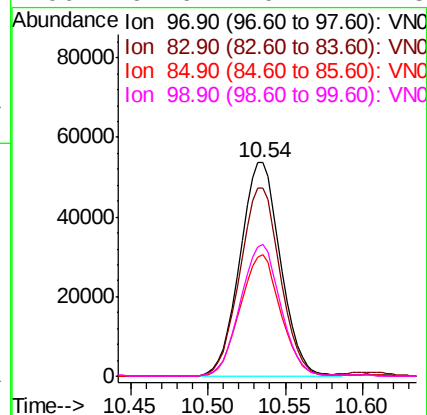
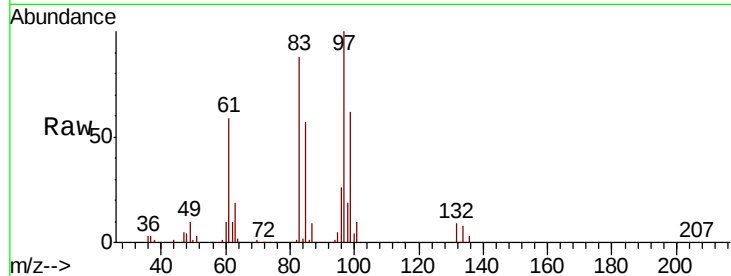




#55
 1,1,2-Trichloroethane
 Concen: 53.037 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

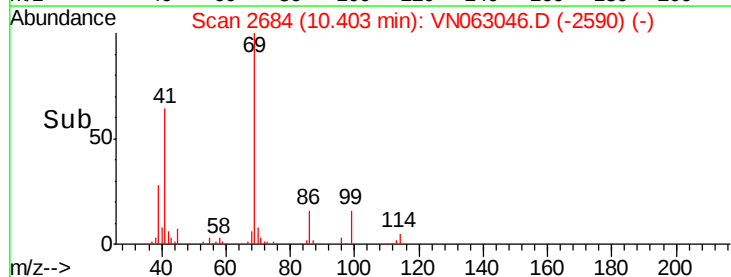
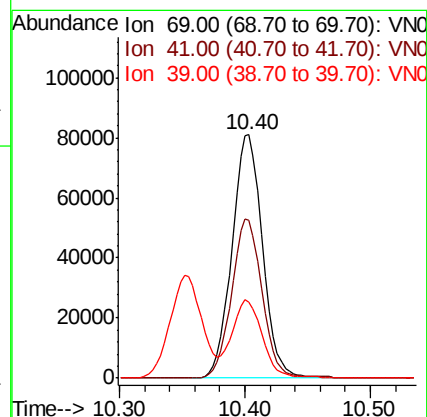
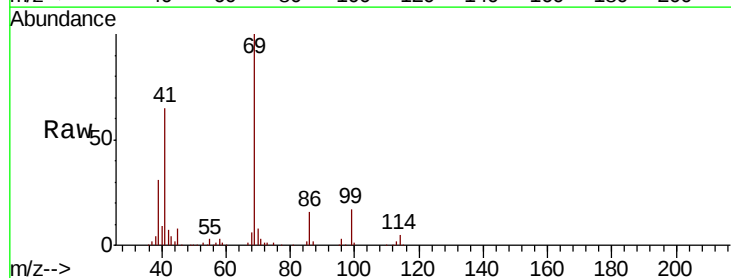
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

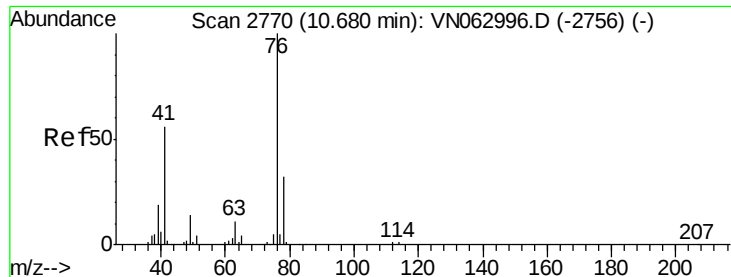
Tot Ion	97	Resp	98125
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.5	105.7
85	56.7	45.8	68.6
99	61.6	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 48.132 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	69	Resp	137345
Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.2	75.2
39	32.1	24.2	36.4





#57

1,3-Dichloropropane

Concen: 52.490 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

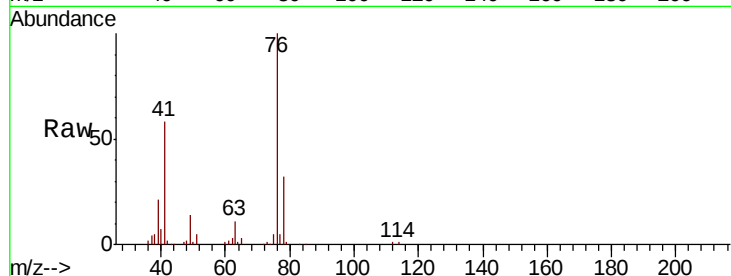
VSTDCCC050

Tot Ion: 76 Resp: 161263

Ion Ratio Lower Upper

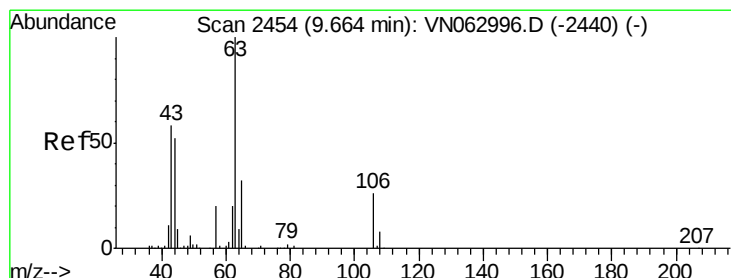
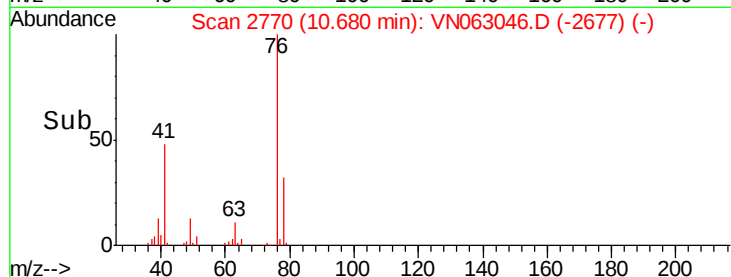
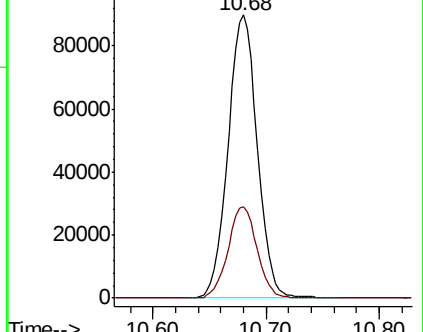
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN062996.D (-2756) (-)

Ion 77.90 (77.60 to 78.60): VN062996.D (-2756) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 242.605 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063046.D

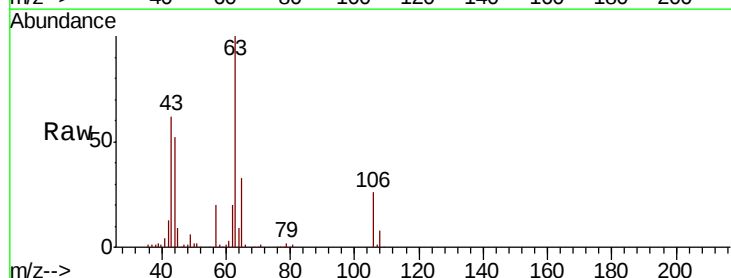
Acq: 20 Aug 2020 19:37

Tgt Ion: 63 Resp: 168275

Ion Ratio Lower Upper

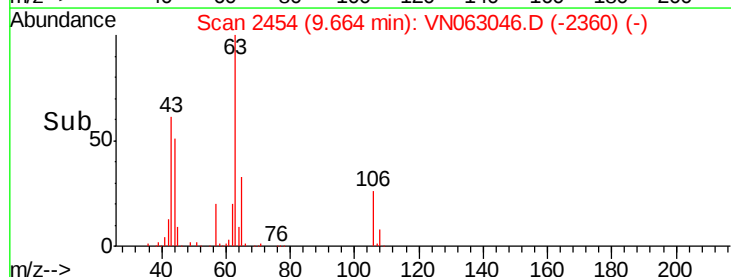
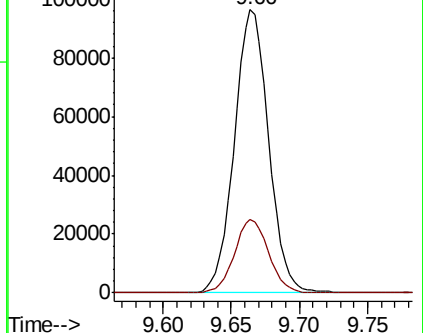
63 100

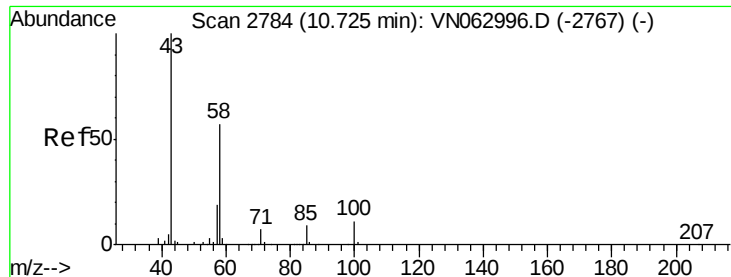
106 25.8 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2440) (-)

Ion 105.90 (105.60 to 106.60): VN062996.D (-2440) (-)

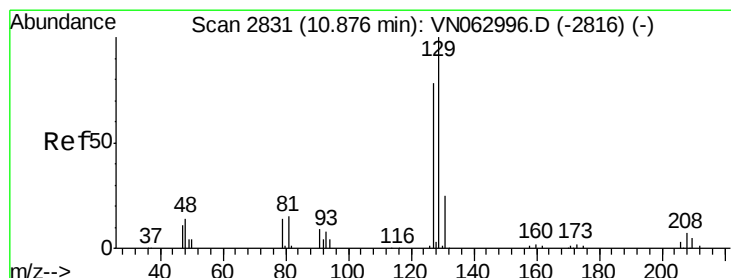
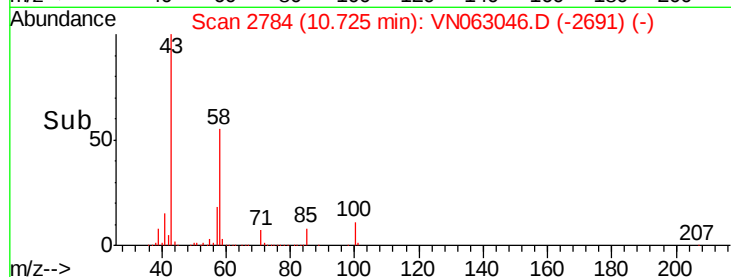
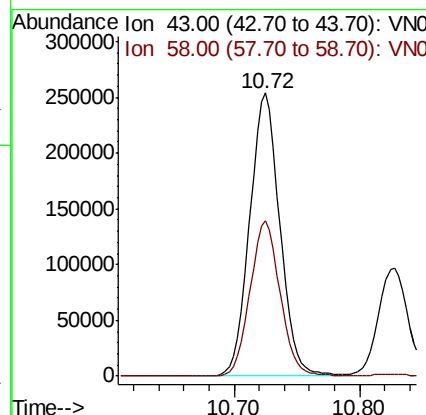
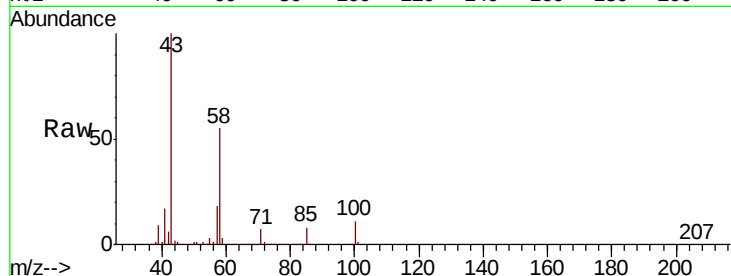




#59
2-Hexanone
Concen: 274.989 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

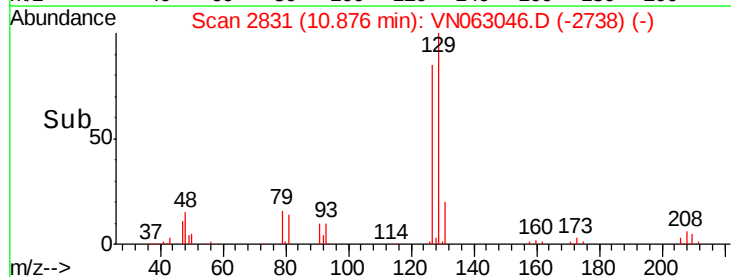
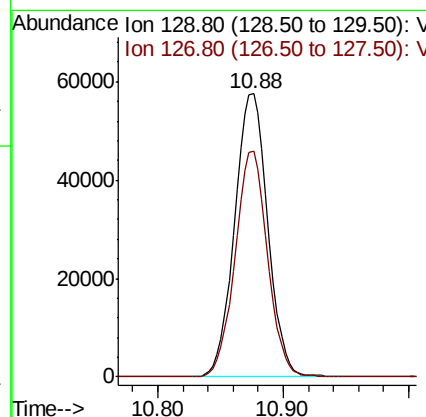
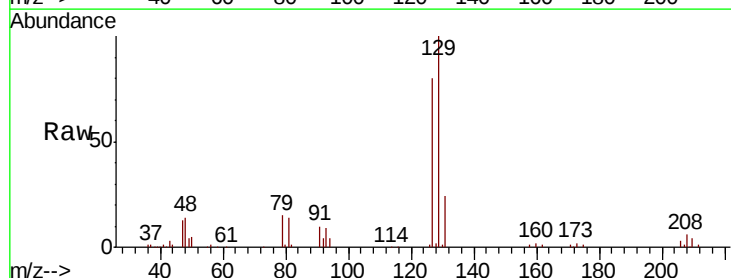
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

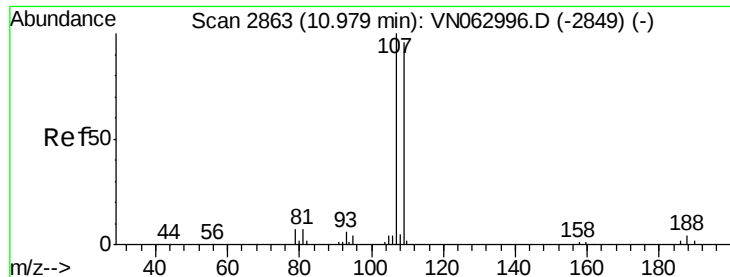
Tot Ion: 43 Resp: 425644
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.3



#60
Dibromochloromethane
Concen: 51.636 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 129 Resp: 105725
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2

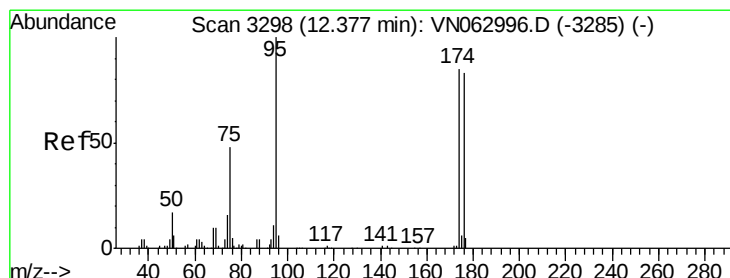
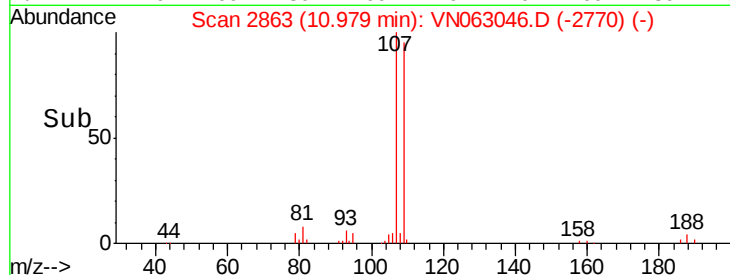
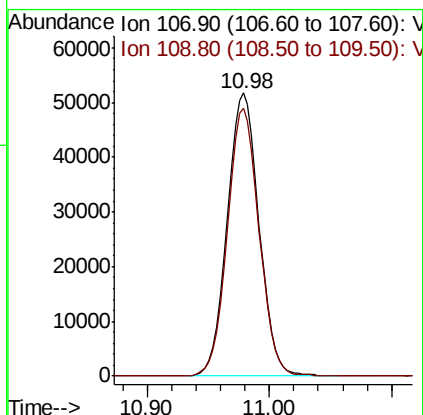
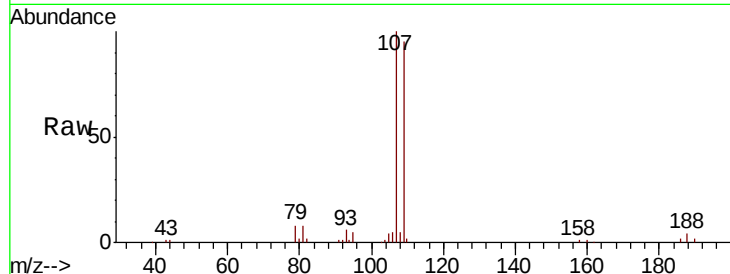




#61
 1,2-Dibromoethane
 Concen: 52.803 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

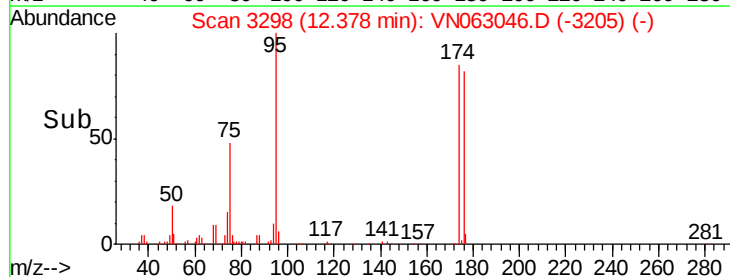
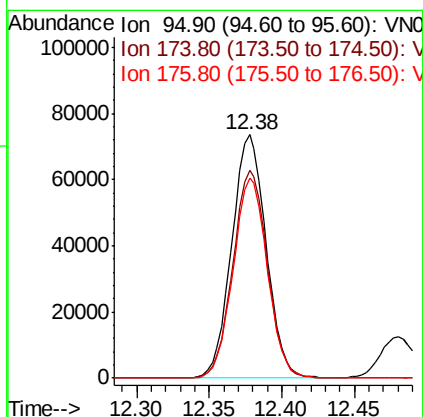
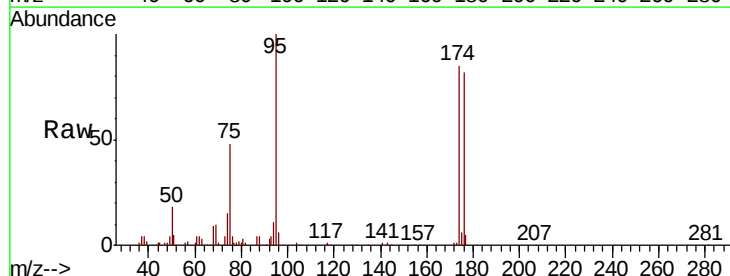
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

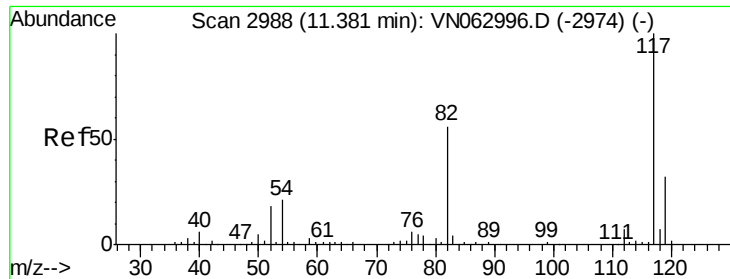
Tot Ion:107 Resp: 93870
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.457 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 95 Resp: 121164
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 170.8
 176 81.9 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

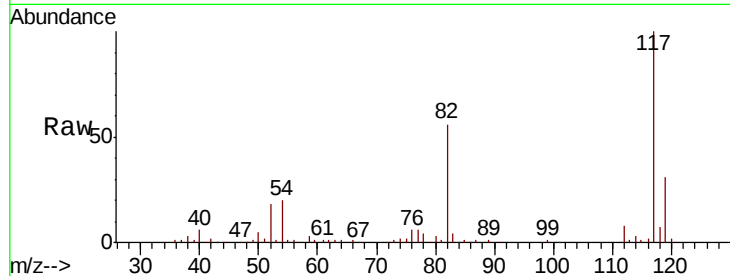
Tot Ion:117 Resp: 247042

Ion Ratio Lower Upper

117 100

82 56.3 44.5 66.7

119 31.1 25.5 38.3

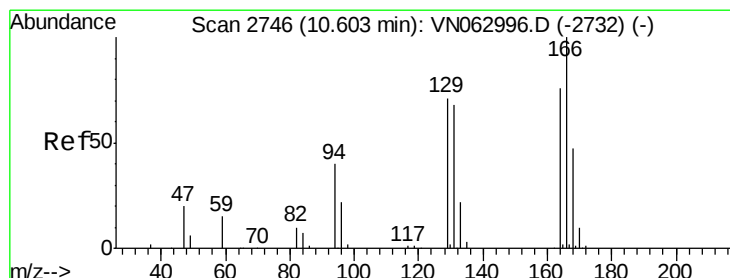
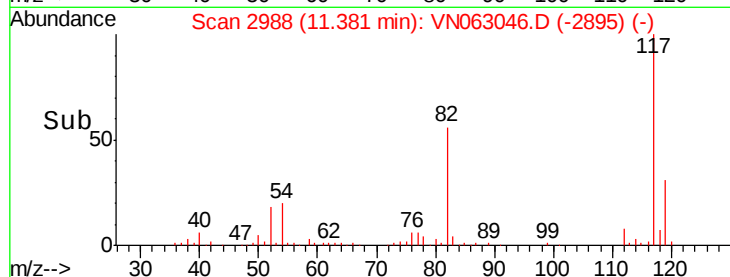
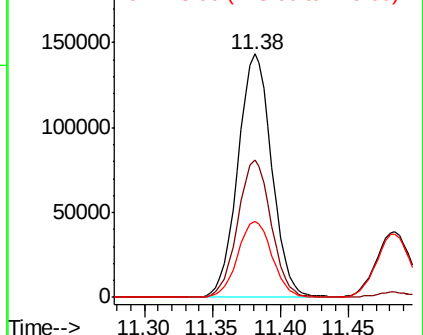


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.186 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion:164 Resp: 81498

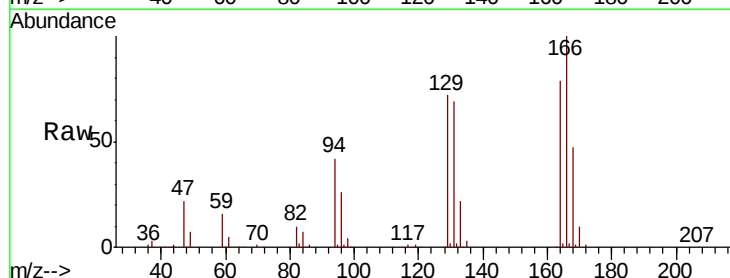
Ion Ratio Lower Upper

164 100

166 126.8 105.0 157.6

129 90.8 74.7 112.1

131 87.0 71.0 106.4



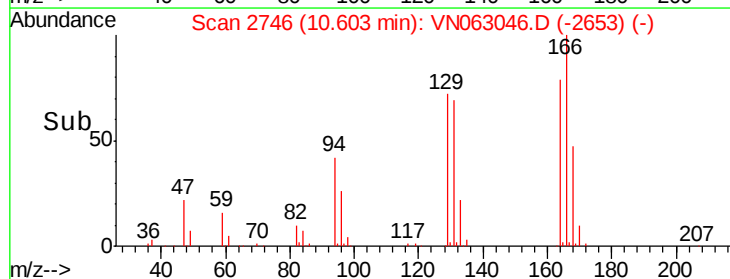
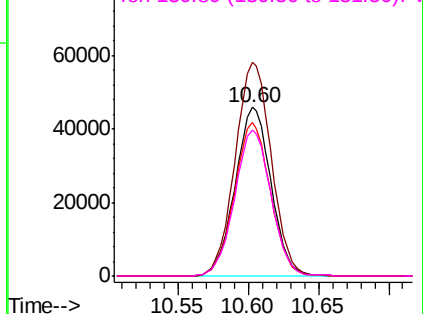
Abundance

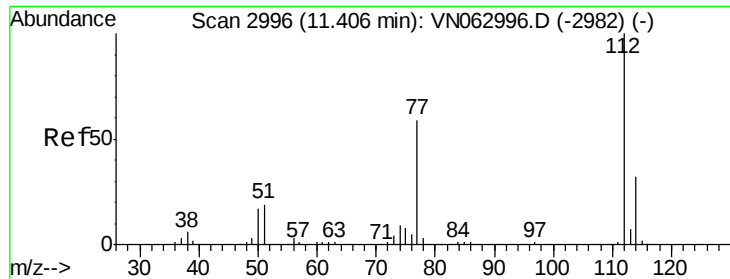
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.967 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

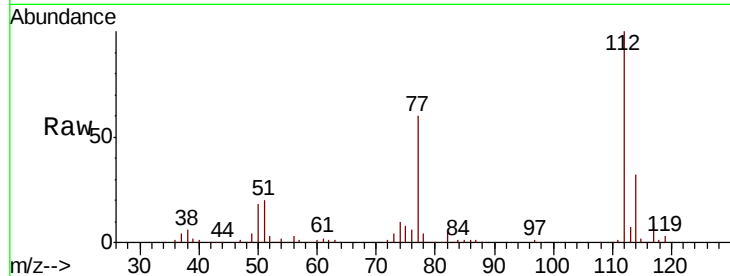
VSTDCCC050

Tot Ion:112 Resp: 247912

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

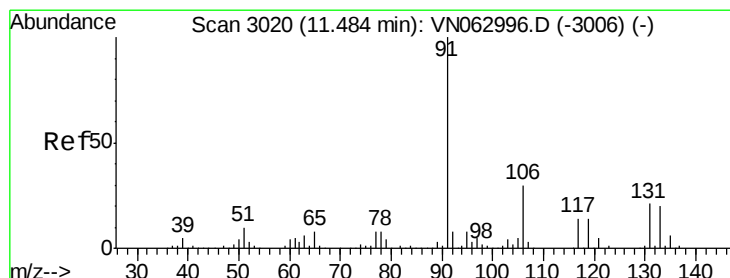
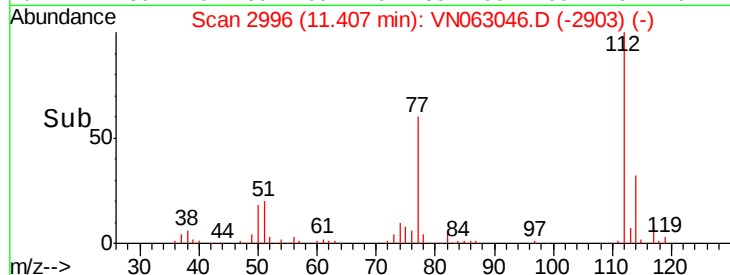
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 50.568 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

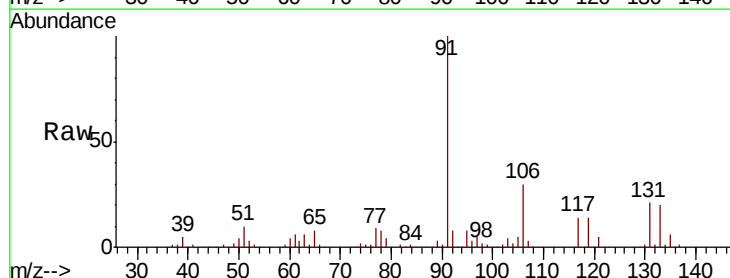
Tgt Ion:131 Resp: 97587

Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 67.0 33.1 99.3



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

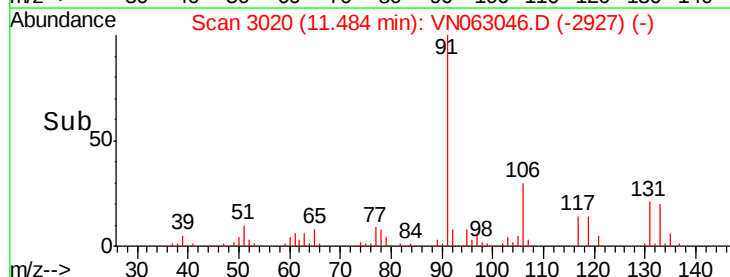
60000

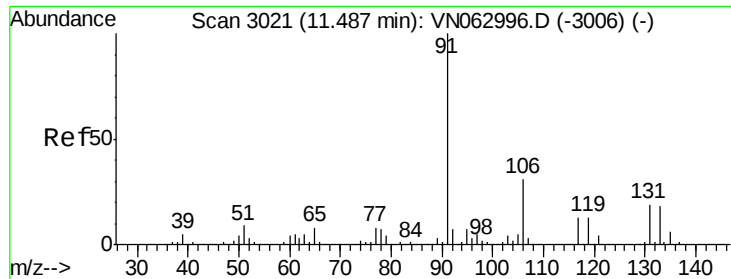
40000

20000

0

Time--> 11.40 11.45 11.50 11.55

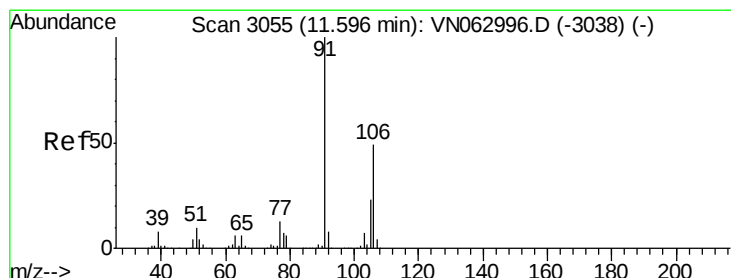
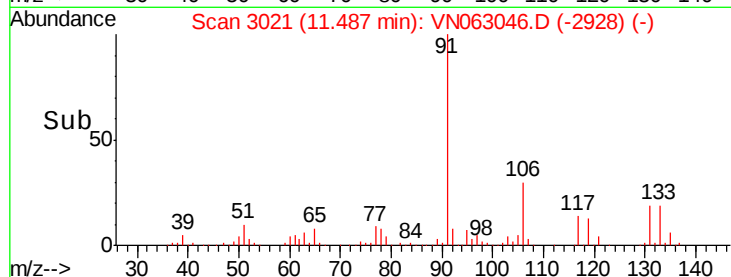
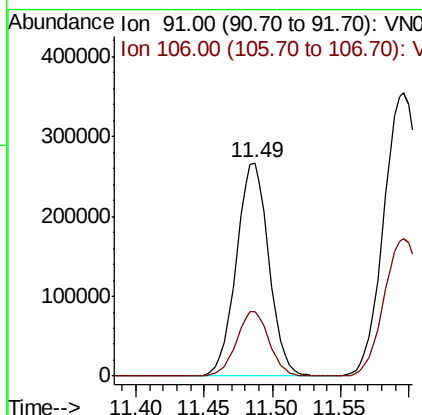
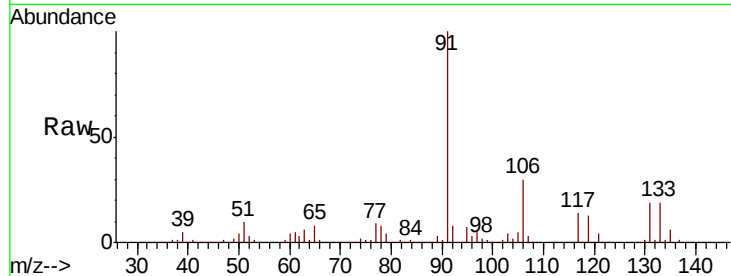




#67
Ethyl Benzene
Concen: 52.657 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

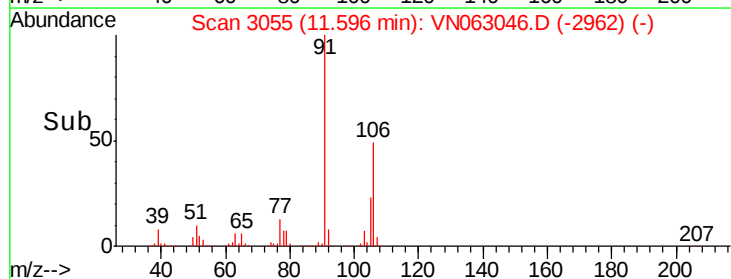
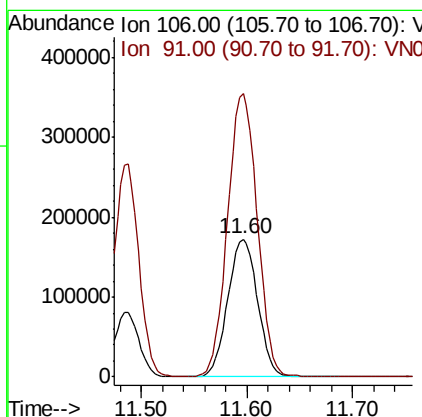
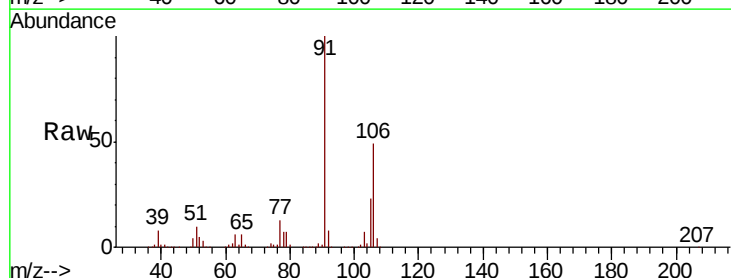
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

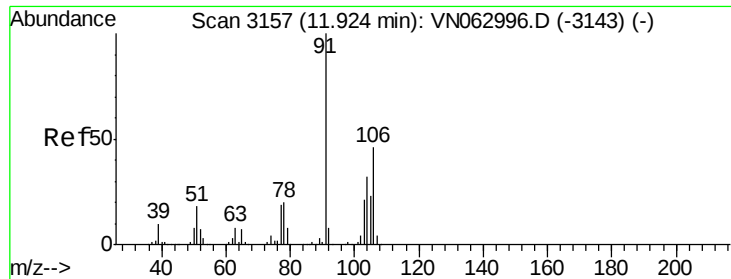
Tot Ion: 91 Resp: 441453
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0



#68
m/p-Xylenes
Concen: 108.041 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 106 Resp: 336643
Ion Ratio Lower Upper
106 100
91 205.0 163.0 244.4

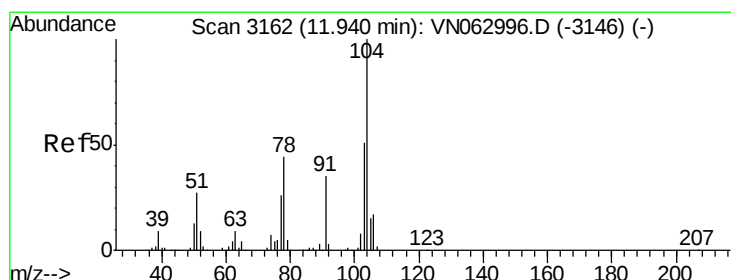
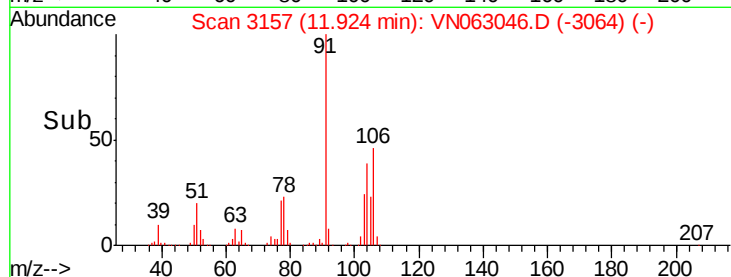
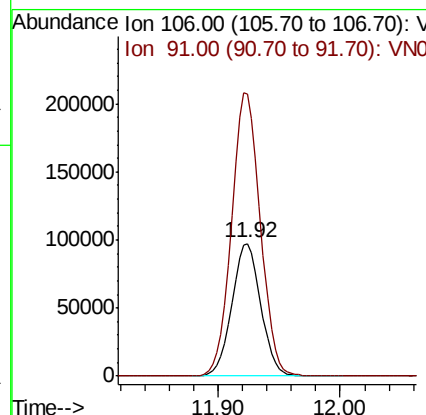
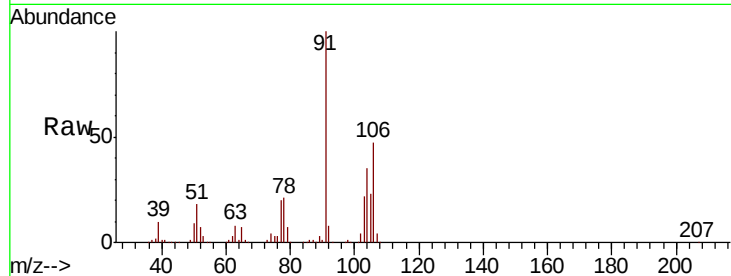




#69
o-Xylene
Concen: 53.757 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

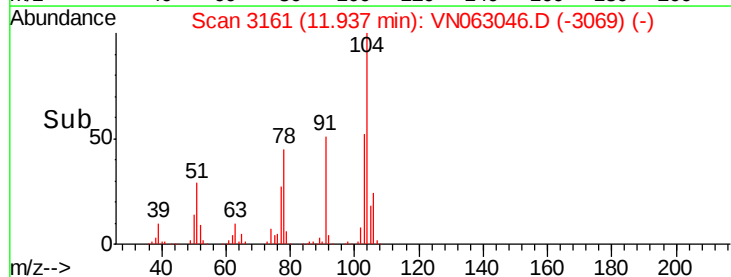
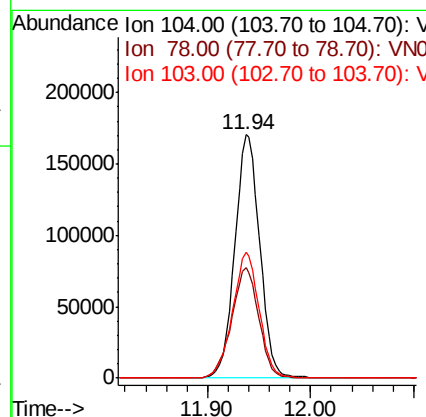
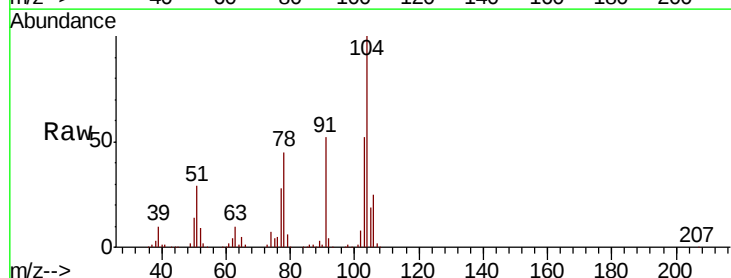
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

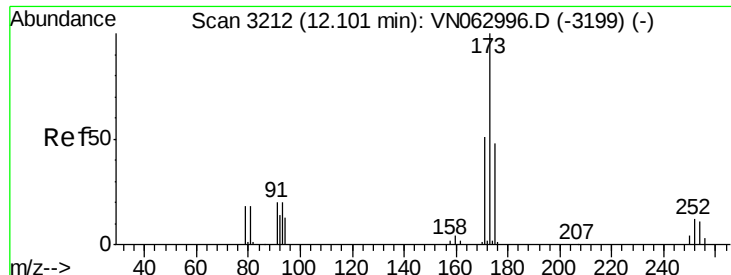
Tot Ion:106 Resp: 160847
Ion Ratio Lower Upper
106 100
91 213.4 107.3 321.9



#70
Styrene
Concen: 48.641 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion:104 Resp: 288493
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 55.1 44.3 66.5





#71

Bromoform

Concen: 51.582 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

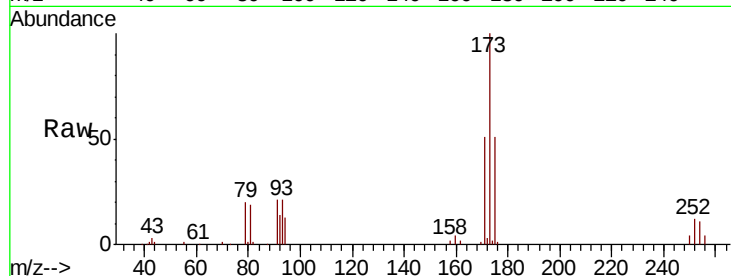
Tot Ion:173 Resp: 79233

Ion Ratio Lower Upper

173 100

175 50.2 24.3 72.8

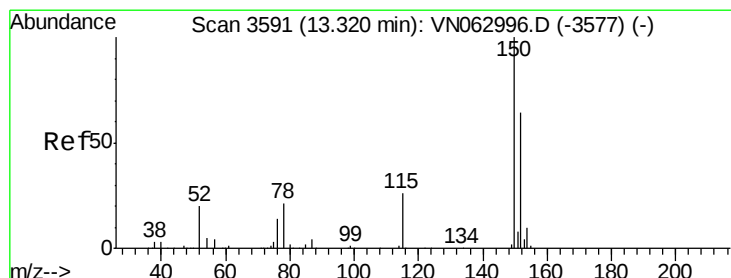
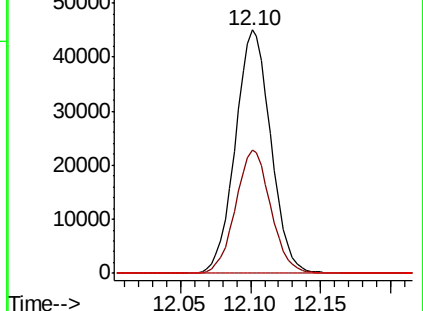
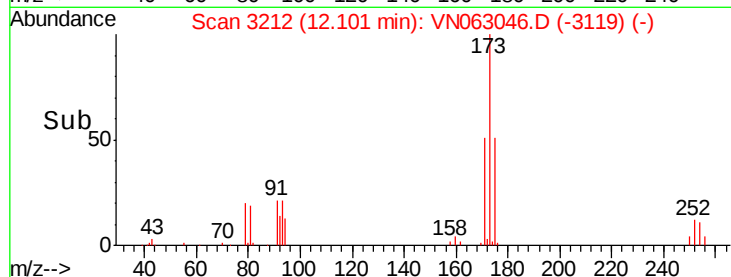
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

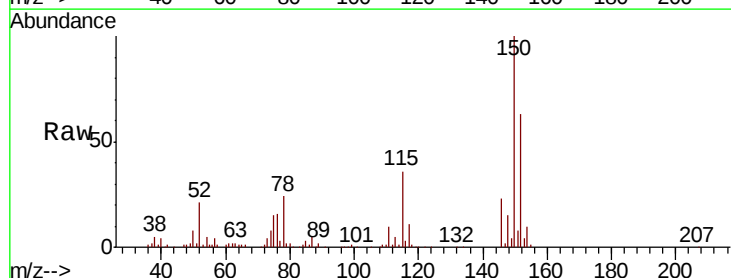
Tgt Ion:152 Resp: 122029

Ion Ratio Lower Upper

152 100

115 57.6 28.7 86.3

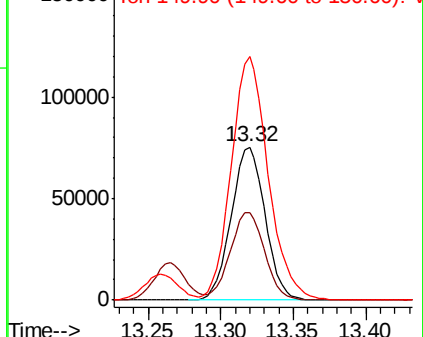
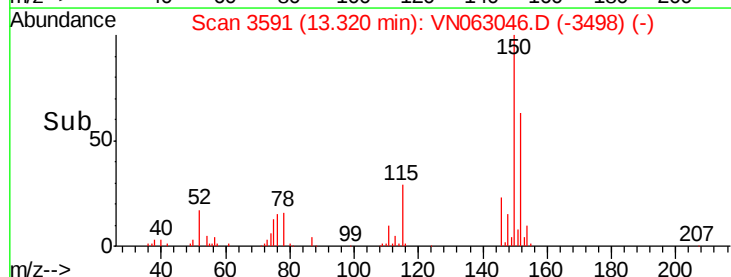
150 174.0 0.0 348.8

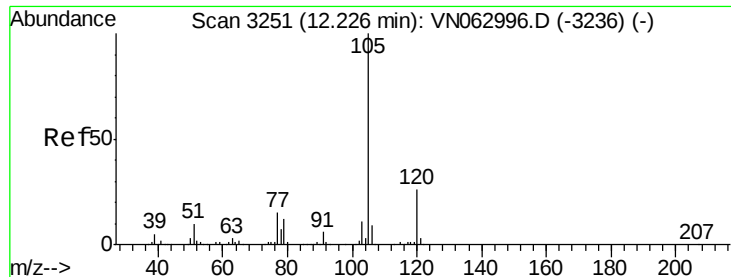


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.118 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

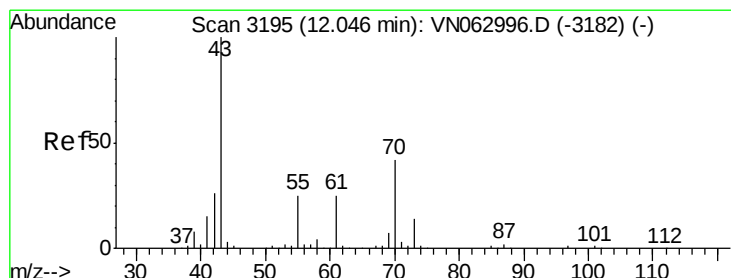
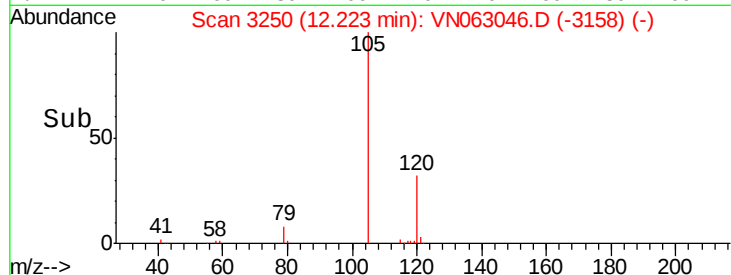
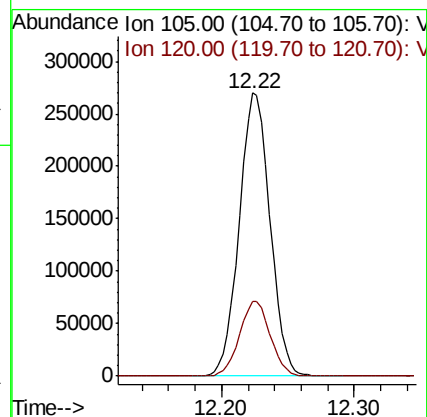
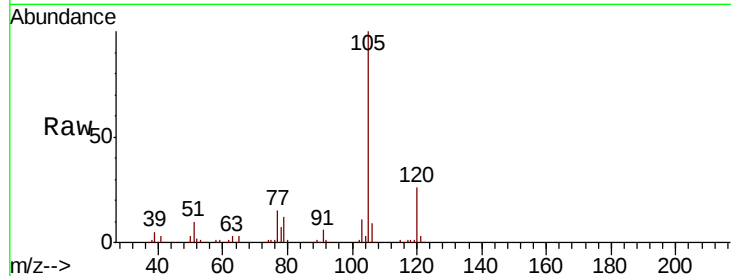
VSTDCCC050

Tot Ion:105 Resp: 435525

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 54.245 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Tgt Ion: 43 Resp: 162350

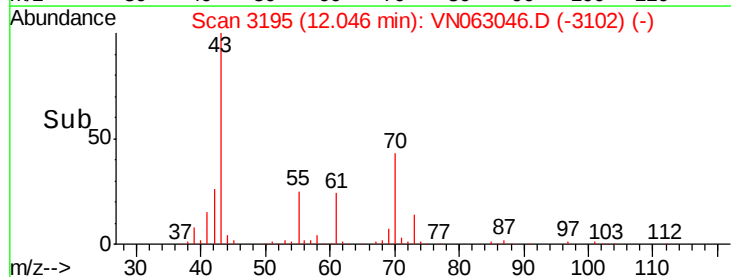
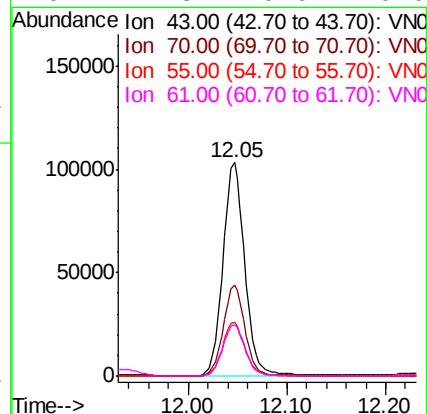
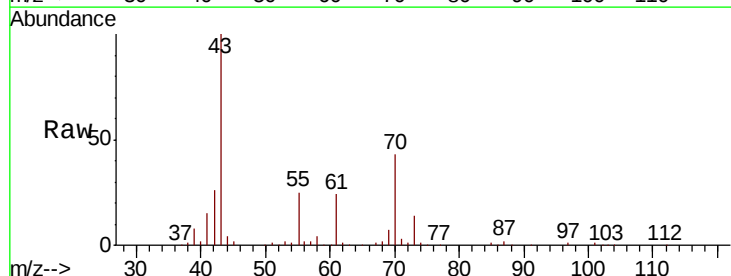
Ion Ratio Lower Upper

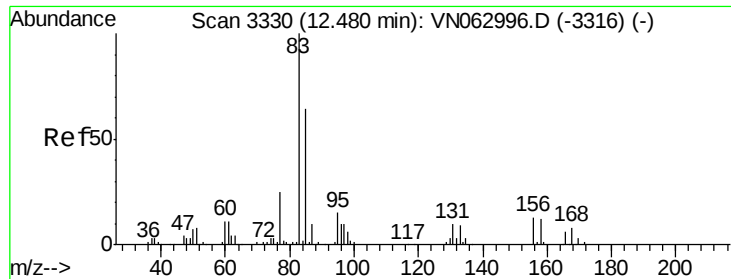
43 100

70 42.0 33.4 50.0

55 25.8 20.2 30.2

61 24.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.299 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

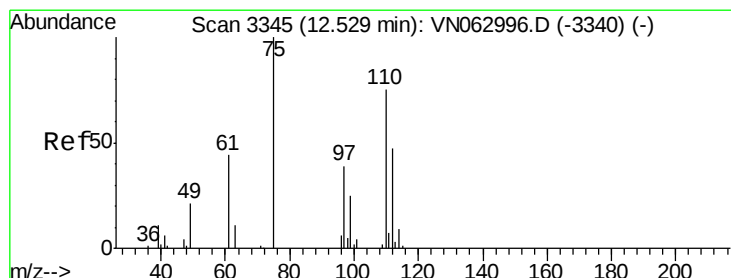
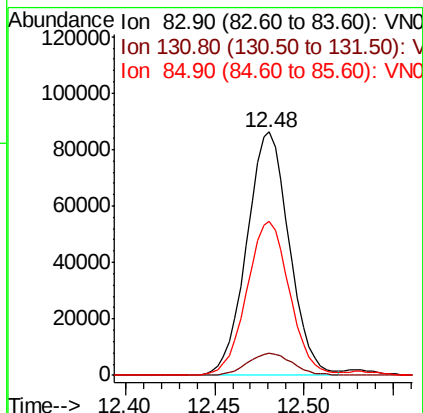
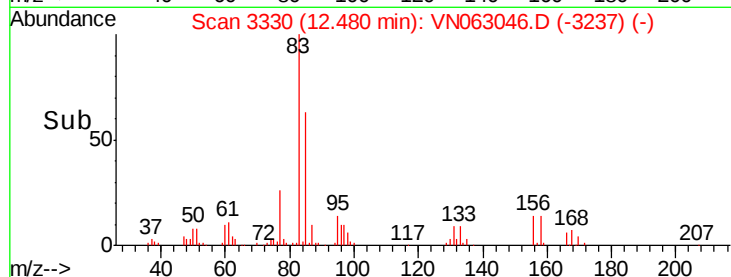
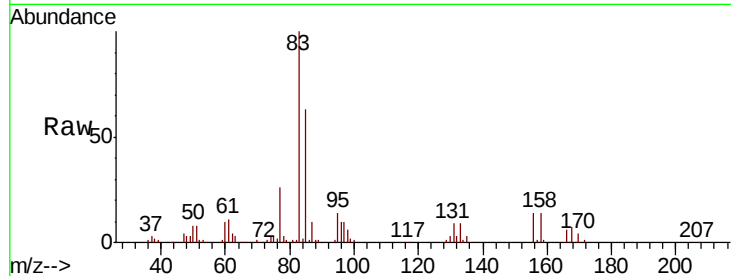
Tot Ion: 83 Resp: 143425

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 63.6 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 73.762 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063046.D

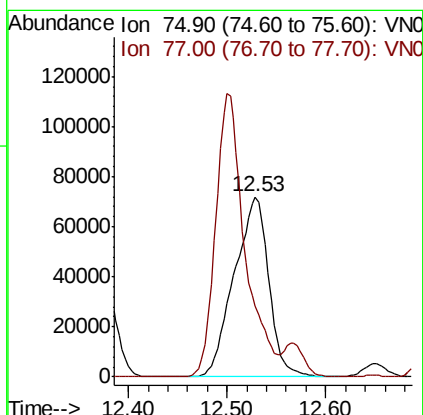
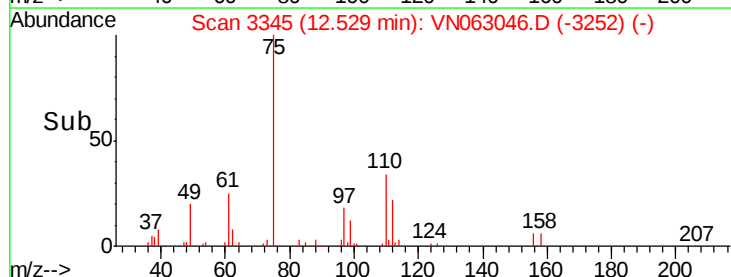
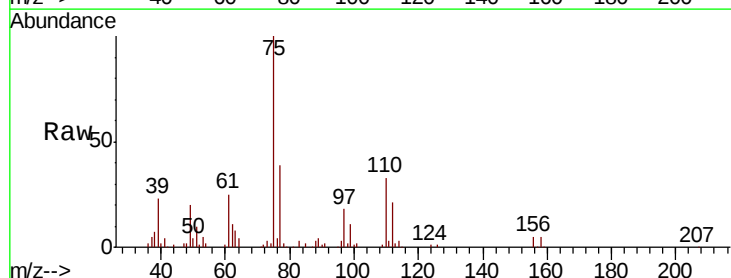
Acq: 20 Aug 2020 19:37

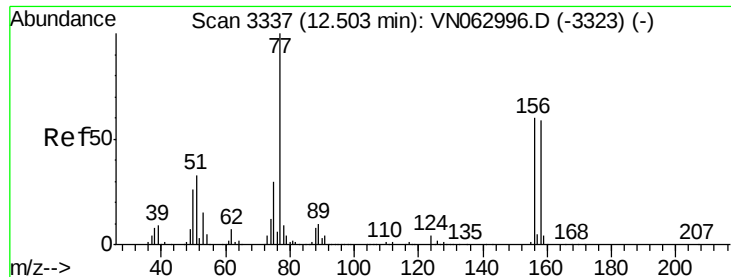
Tgt Ion: 75 Resp: 174960

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.804 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

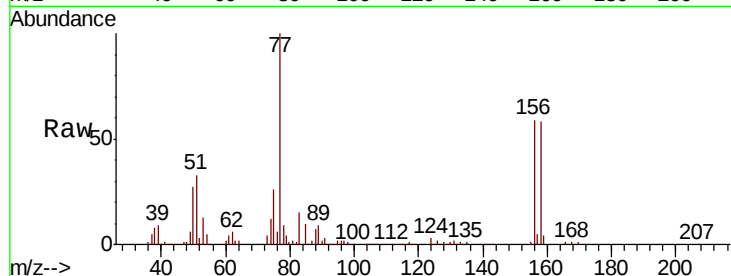
Tot Ion:156 Resp: 114465

Ion Ratio Lower Upper

156 100

77 204.7 101.0 302.9

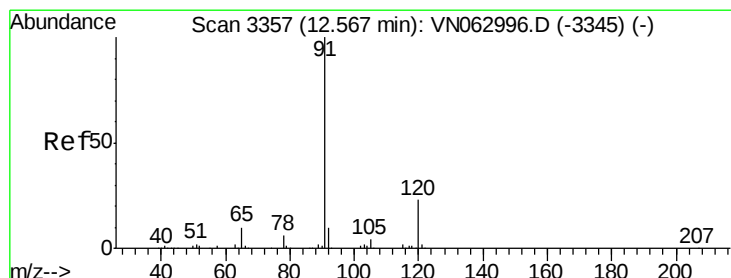
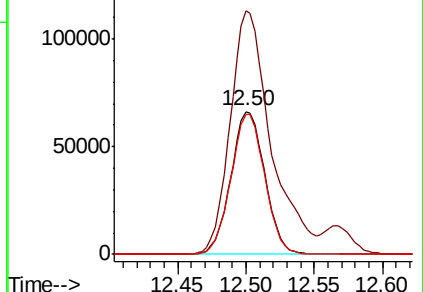
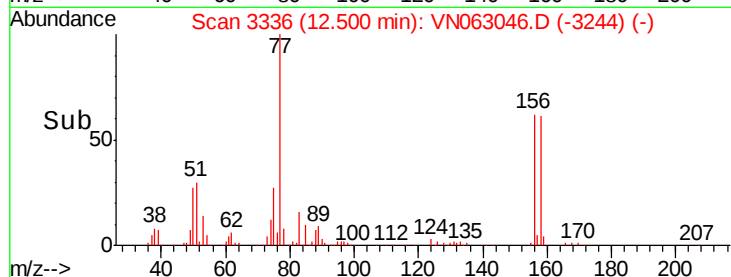
158 97.8 49.4 148.0



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: 53.888 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063046.D

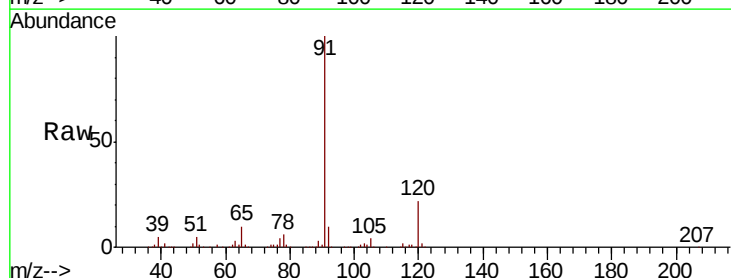
Acq: 20 Aug 2020 19:37

Tgt Ion: 91 Resp: 513283

Ion Ratio Lower Upper

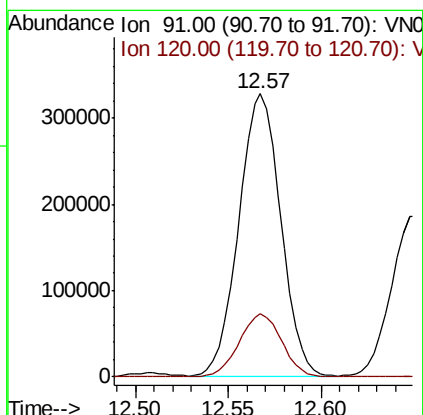
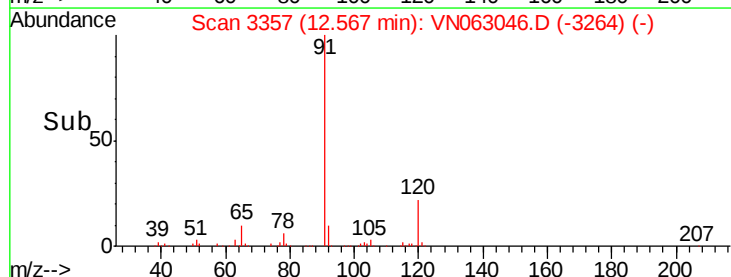
91 100

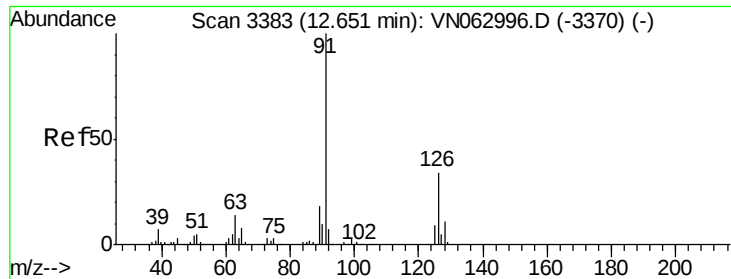
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

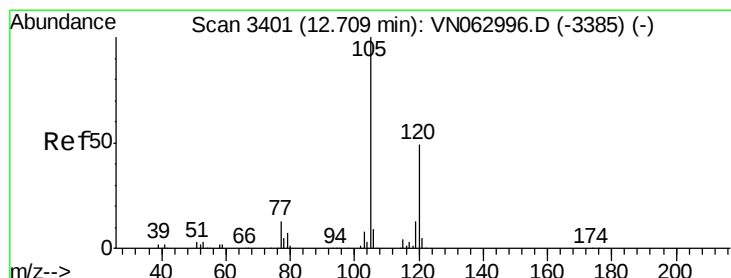
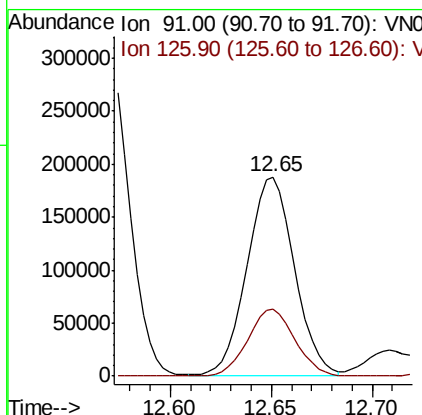
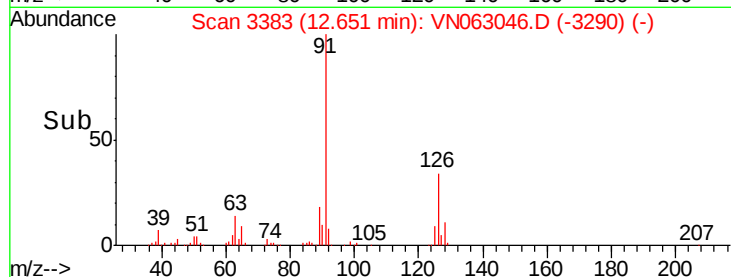
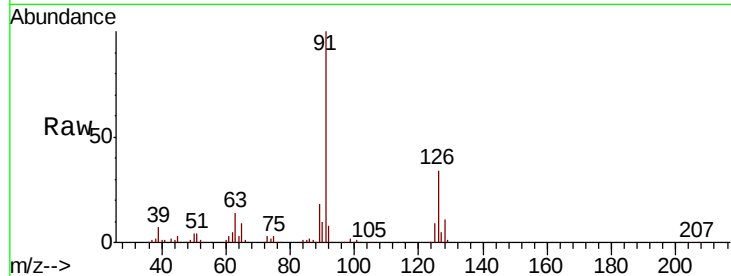




#79
 2-Chlorotoluene
 Concen: 51.096 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

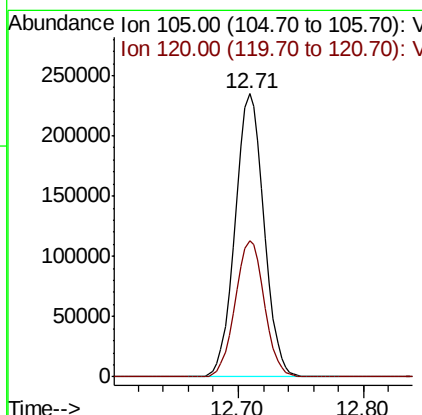
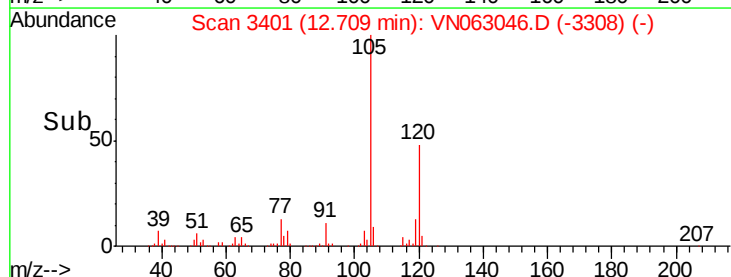
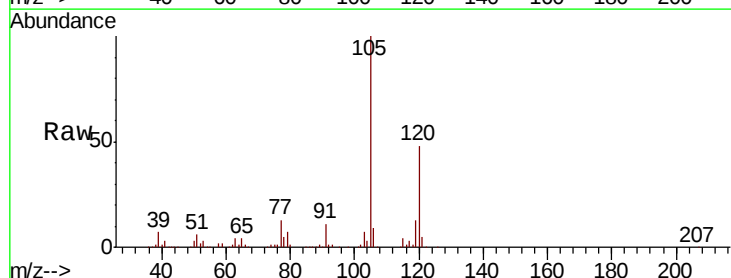
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

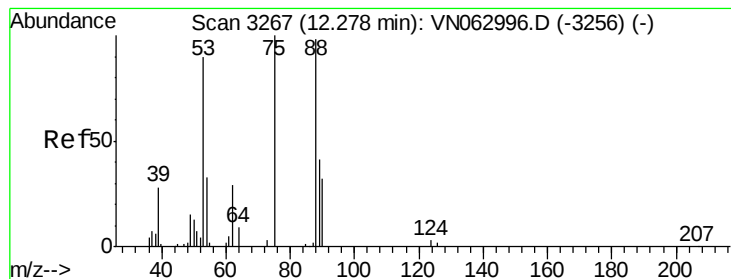
Tot Ion: 91 Resp: 306121
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 54.300 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion: 105 Resp: 375100
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.366 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

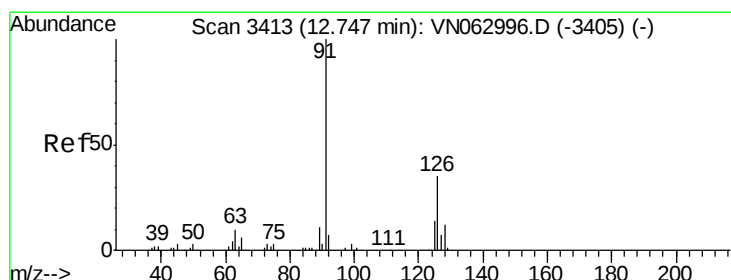
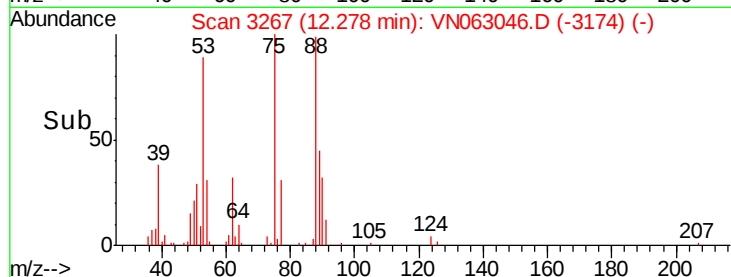
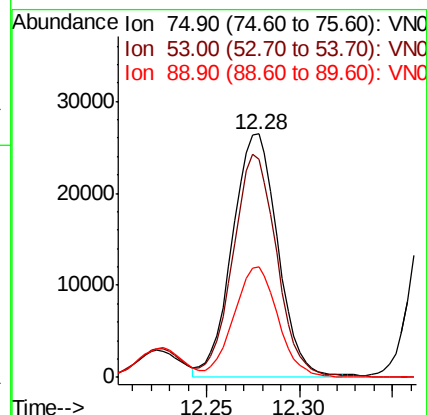
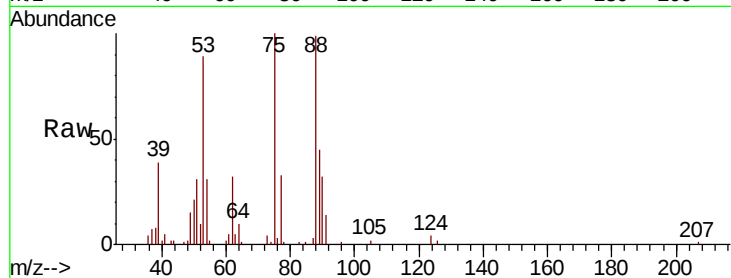
Tot Ion: 75 Resp: 45226

Ion Ratio Lower Upper

75 100

53 88.4 69.2 103.8

89 44.1 34.2 51.4



#82

4-Chlorotoluene

Concen: 52.672 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN063046.D

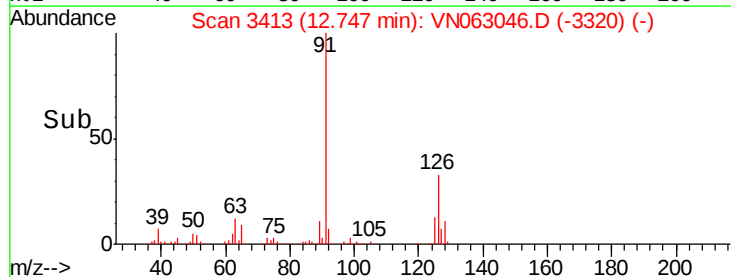
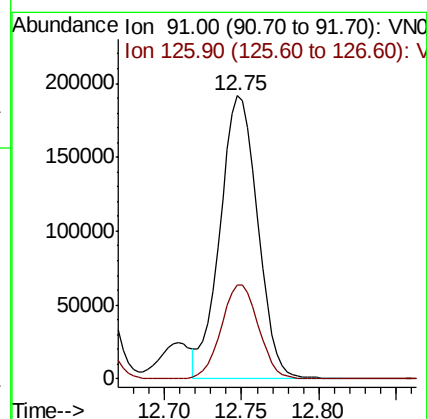
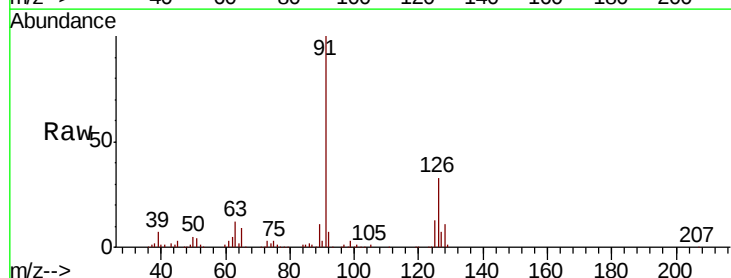
Acq: 20 Aug 2020 19:37

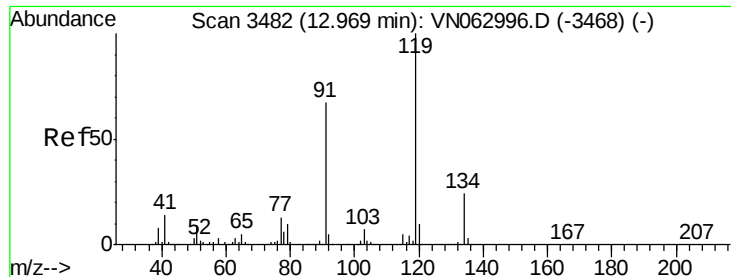
Tgt Ion: 91 Resp: 321328

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5

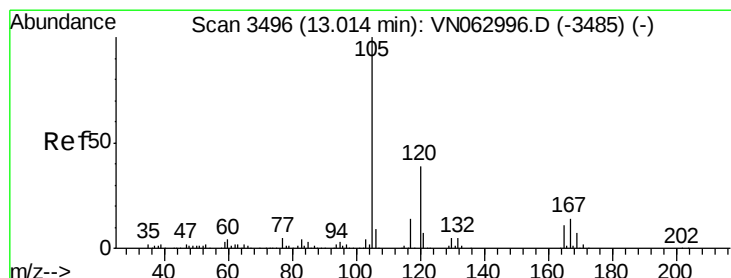
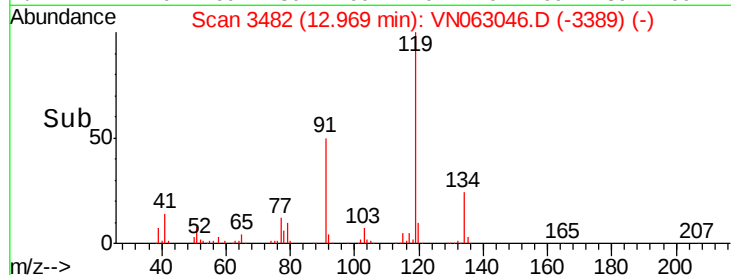
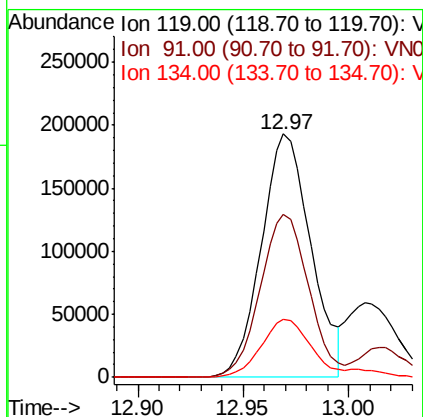
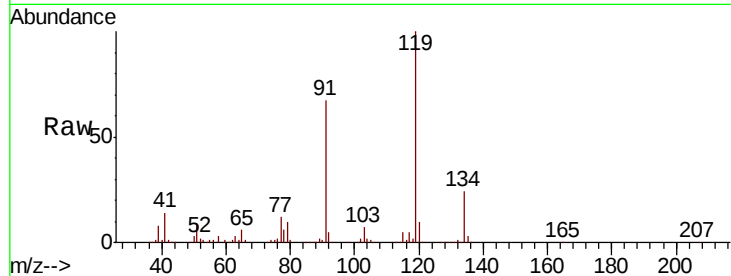




#83
tert-Butylbenzene
Concen: 53.059 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

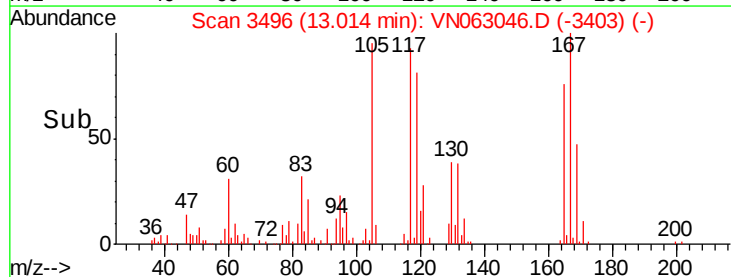
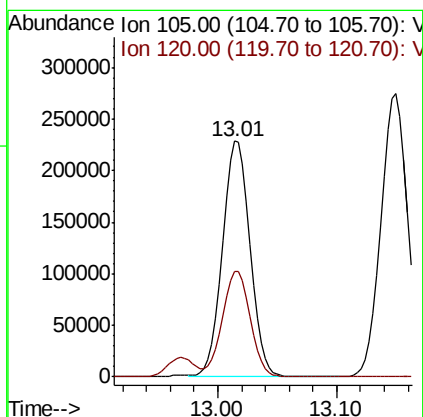
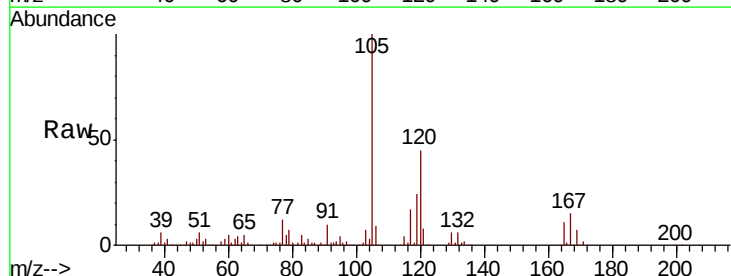
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

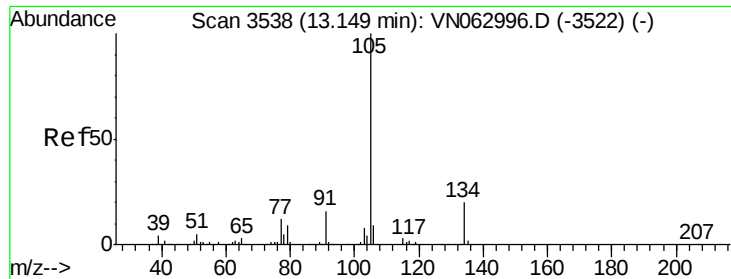
Tot Ion:119 Resp: 316351
Ion Ratio Lower Upper
119 100
91 65.6 32.5 97.4
134 23.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 54.497 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion:105 Resp: 366757
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5





#85

sec-Butylbenzene

Concen: 53.191 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

Instrument :

MSVOA_N

ClientSampleId :

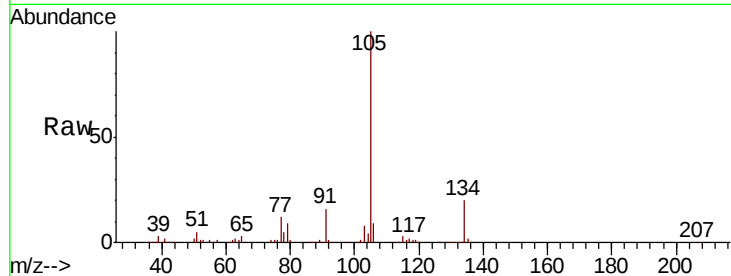
VSTDCCC050

Tot Ion:105 Resp: 428610

Ion Ratio Lower Upper

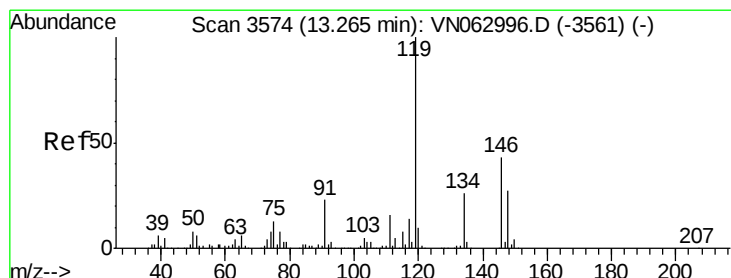
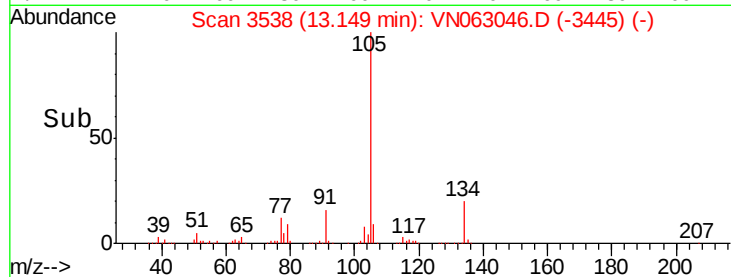
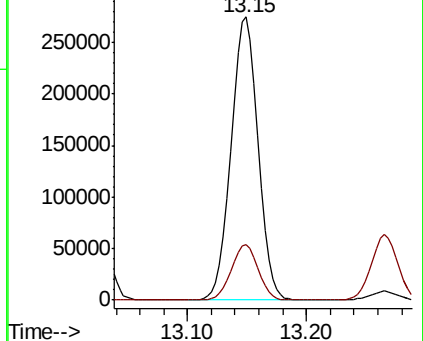
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.659 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063046.D

Acq: 20 Aug 2020 19:37

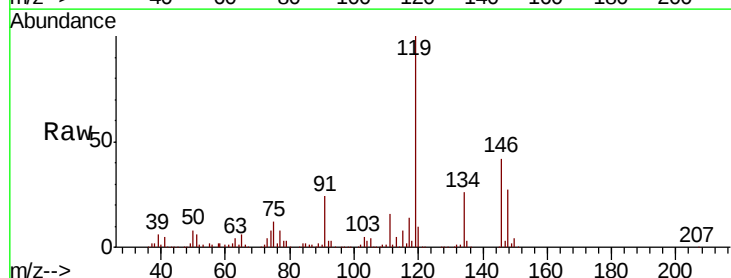
Tgt Ion:119 Resp: 369728

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

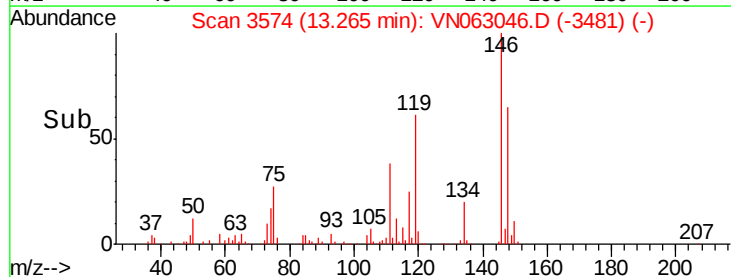
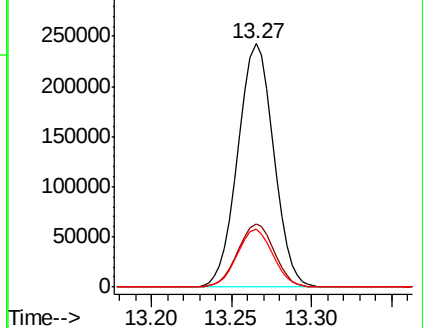
91 23.6 11.5 34.4

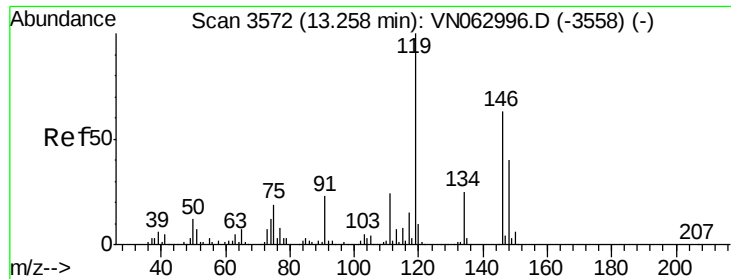


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

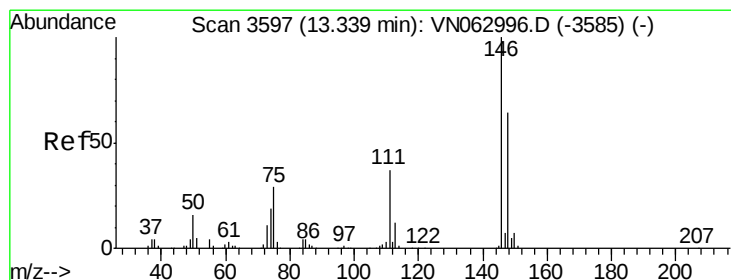
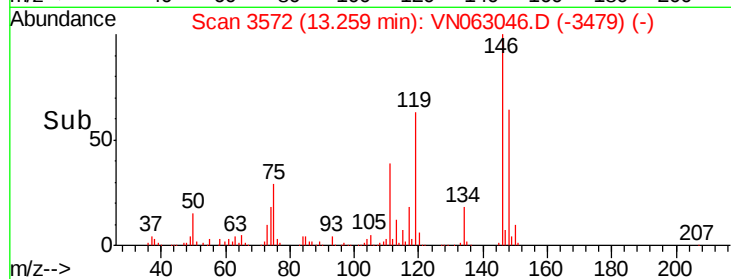
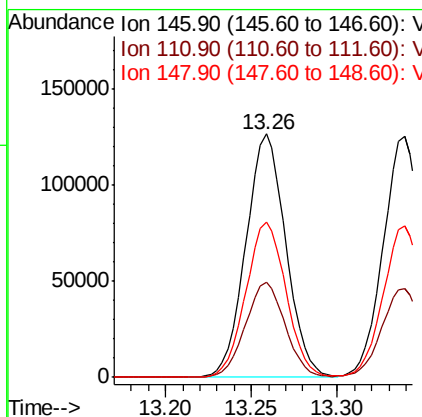
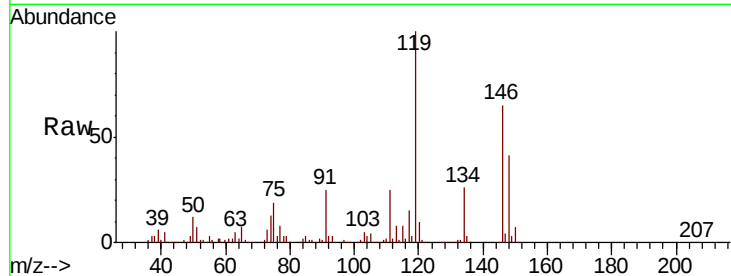




#87
 1,3-Dichlorobenzene
 Concen: 51.706 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

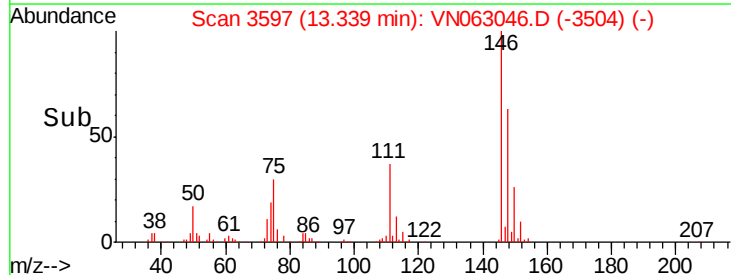
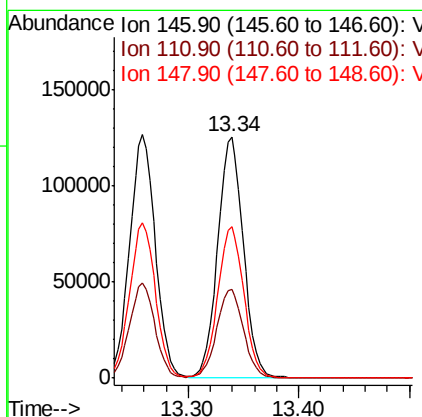
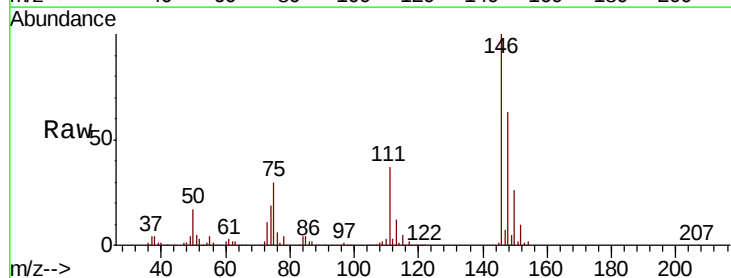
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

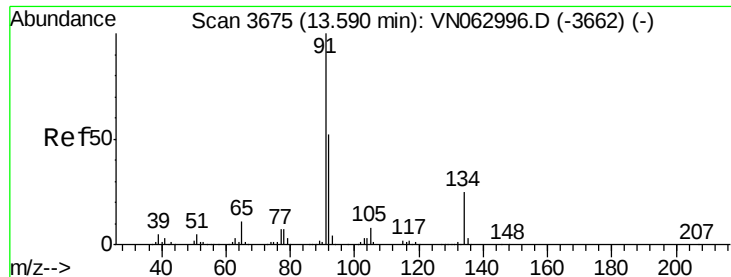
Tot Ion:146 Resp: 204231
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 64.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.406 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion:146 Resp: 202075
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.8 56.4
 148 63.6 32.4 97.0

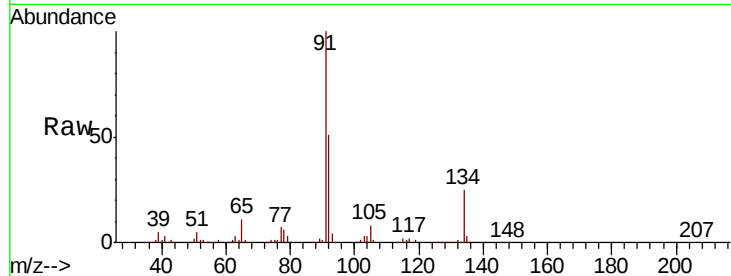




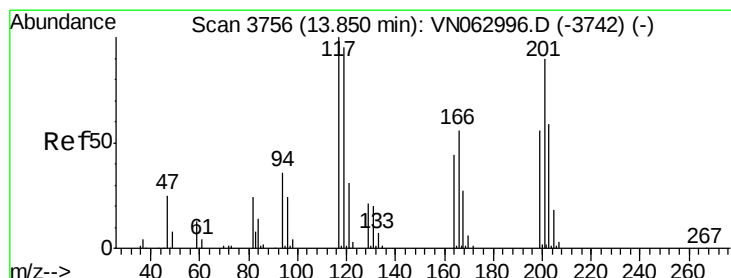
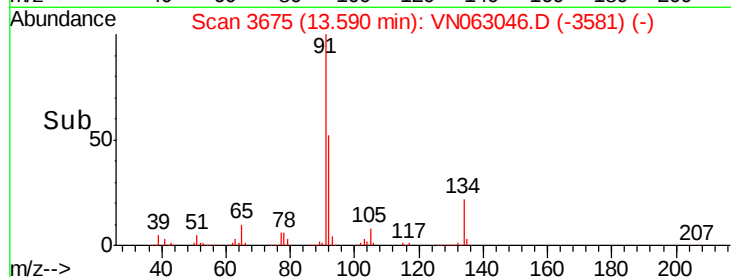
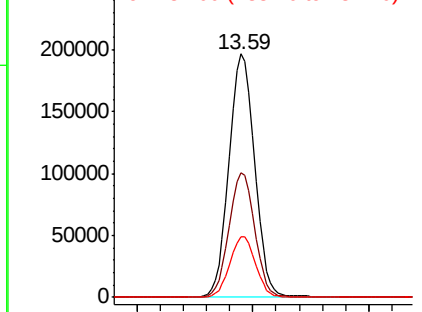
#89
n-Butylbenzene
Concen: 45.389 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 300245
Ion Ratio Lower Upper
91 100
92 51.2 25.9 77.6
134 24.9 12.4 37.0

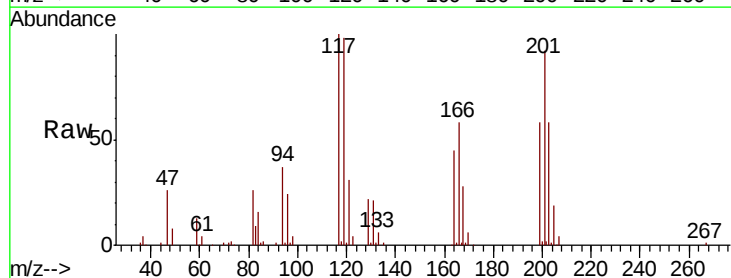


Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)
Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)
Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)

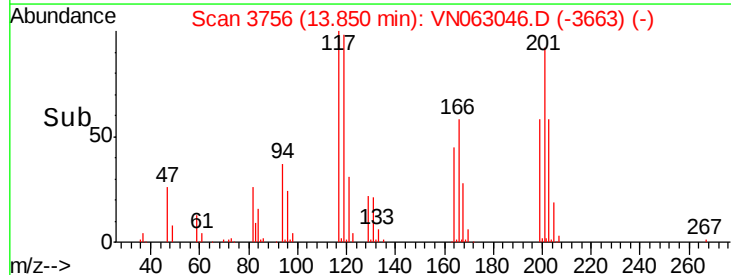
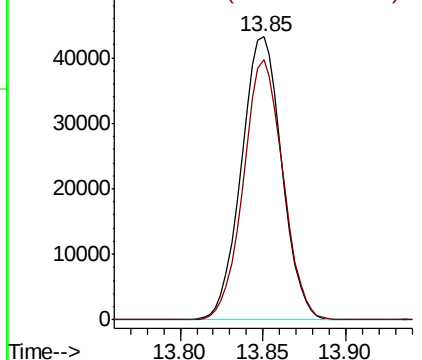


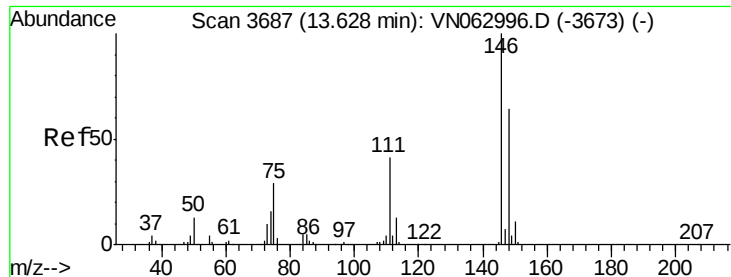
#90
Hexachloroethane
Concen: 49.244 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion: 117 Resp: 73488
Ion Ratio Lower Upper
117 100
201 89.8 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)

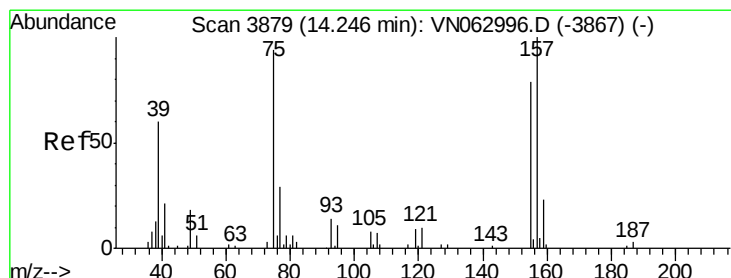
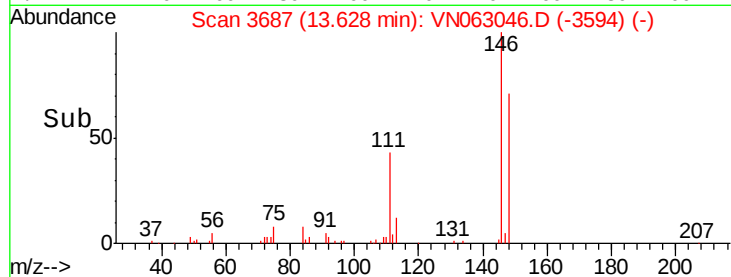
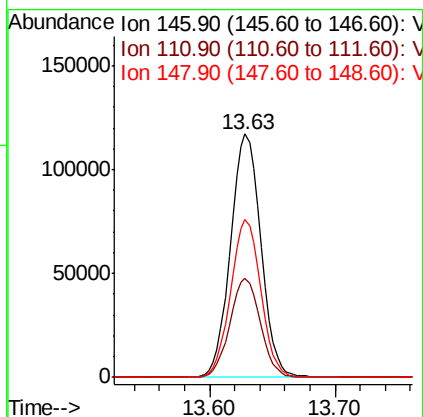
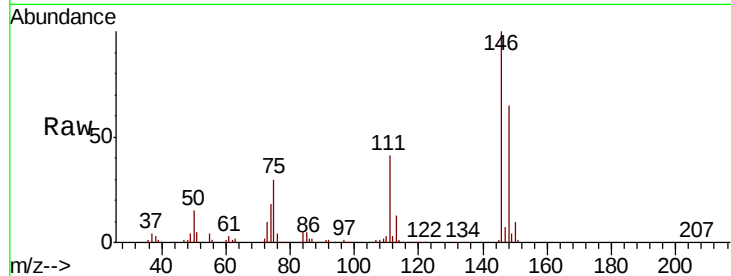




#91
 1,2-Dichlorobenzene
 Concen: 51.709 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

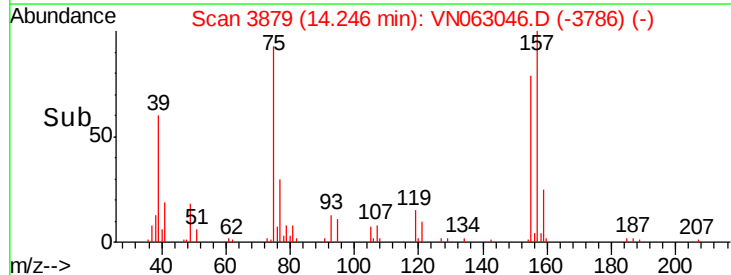
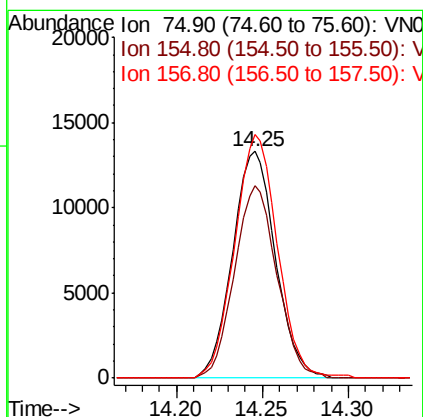
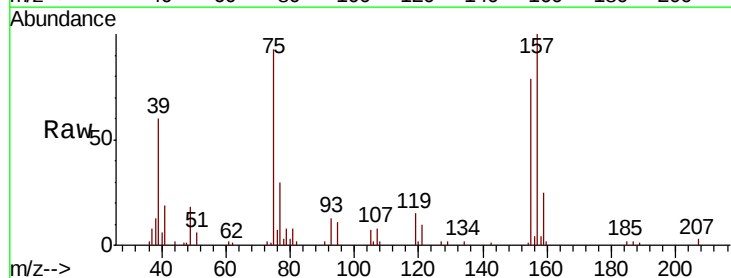
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

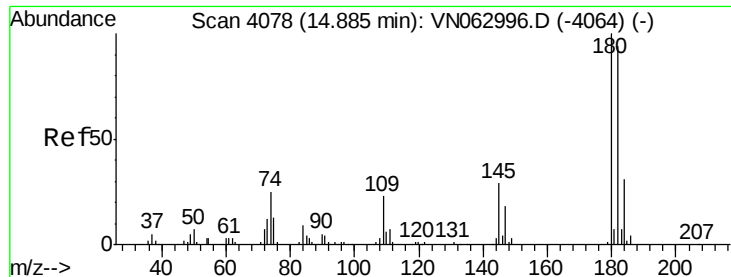
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.5
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.902 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.4	127.1
157	106.5	55.2	165.6

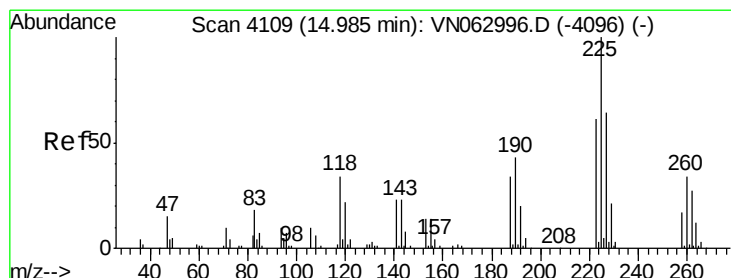
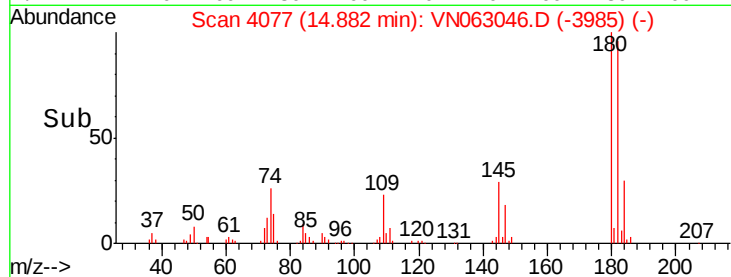
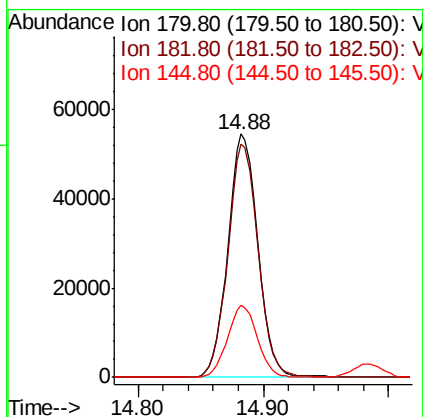
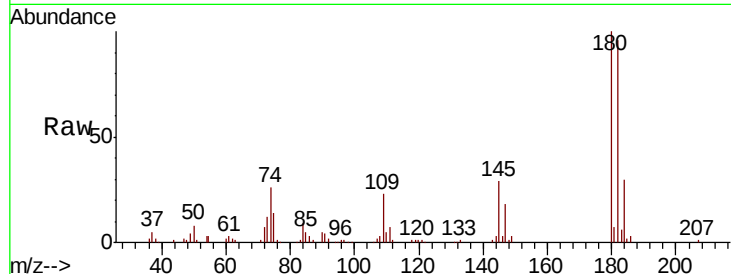




#93
 1,2,4-Trichlorobenzene
 Concen: 43.408 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

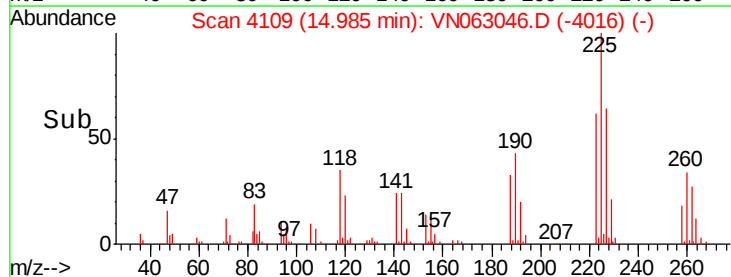
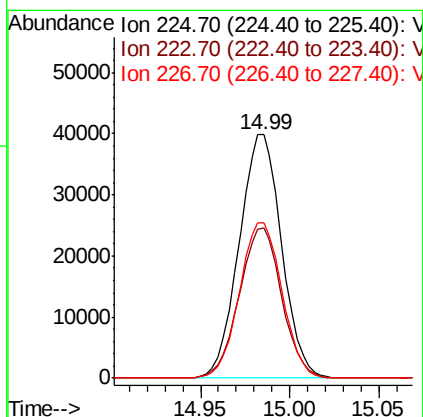
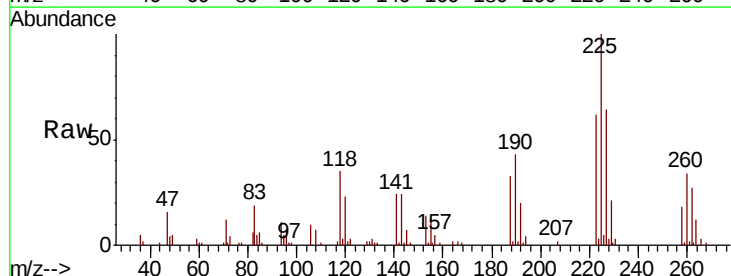
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

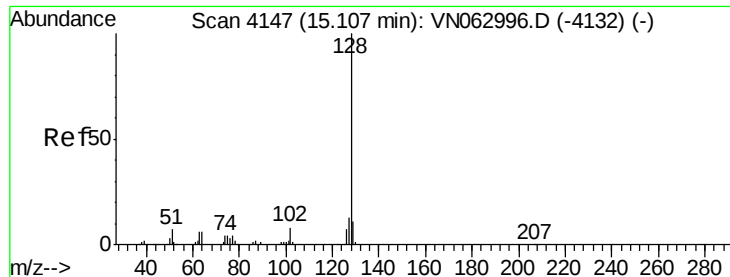
Tot Ion:180 Resp: 90409
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.0 141.2
 145 29.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.693 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063046.D
 Acq: 20 Aug 2020 19:37

Tgt Ion:225 Resp: 65830
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.5
 227 64.1 31.9 95.9

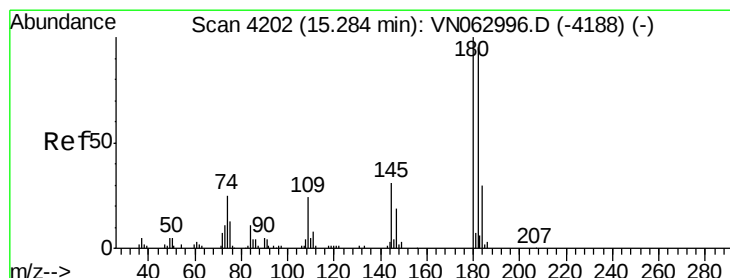
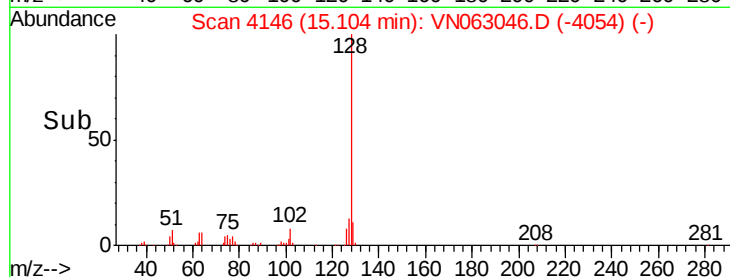
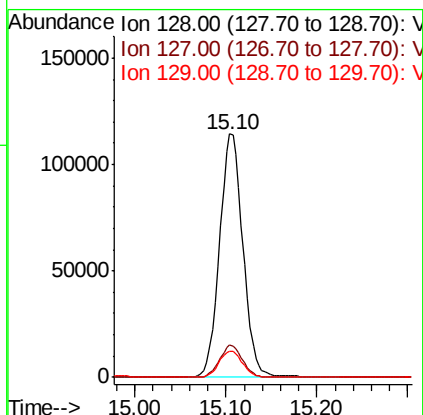
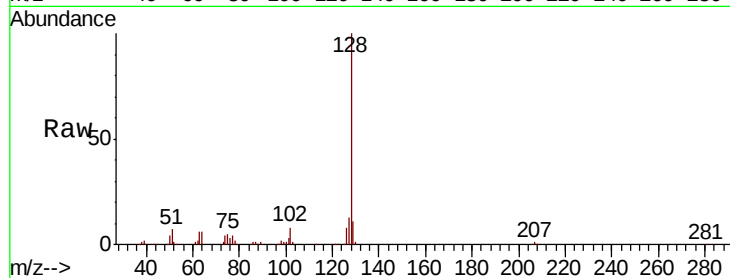




#95
Naphthalene
Concen: 42.855 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 204231
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 44.543 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063046.D
Acq: 20 Aug 2020 19:37

Tgt Ion:180 Resp: 91373
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 30.4 15.6 46.7

