

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061967.D
 Acq On : 19 Jun 2020 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 07:40:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	172734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136991	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	113657	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	7.55	113	93082	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	10.06	98	366698	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	128454	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	112866	50.216	ug/l	98
3) Chloromethane	2.03	50	121569	50.704	ug/l	98
4) Vinyl Chloride	2.16	62	155235	54.310	ug/l	99
5) Bromomethane	2.52	94	88579	40.356	ug/l	97
6) Chloroethane	2.66	64	94844	49.029	ug/l	100
7) Trichlorofluoromethane	2.98	101	176618	51.731	ug/l	97
8) Diethyl Ether	3.37	74	63939	55.706	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	90356	51.586	ug/l	98
10) Methyl Iodide	3.91	142	108168	51.044	ug/l	99
11) Tert butyl alcohol	4.74	59	79753	248.783	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	93463	53.254	ug/l	97
13) Acrolein	3.57	56	57244	298.771	ug/l	100
14) Allyl chloride	4.27	41	128583	55.202	ug/l	98
15) Acrylonitrile	4.93	53	228309	287.424	ug/l	98
16) Acetone	3.77	43	172999	252.817	ug/l	100
17) Carbon Disulfide	4.00	76	253879	49.438	ug/l	99
18) Methyl Acetate	4.27	43	113755	57.741	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	322669	55.218	ug/l	100
20) Methylene Chloride	4.50	84	108445	48.643	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	104096	51.638	ug/l	99
22) Diisopropyl ether	5.90	45	292143	54.839	ug/l	99
23) Vinyl Acetate	5.84	43	1203352	287.198	ug/l	98
24) 1,1-Dichloroethane	5.79	63	183999	52.762	ug/l	99
25) 2-Butanone	6.79	43	287702	288.170	ug/l	100
26) 2,2-Dichloropropane	6.77	77	142966	48.727	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	123285	53.002	ug/l	99
28) Bromochloromethane	7.15	49	84128	54.180	ug/l	95
29) Tetrahydrofuran	7.17	42	187706	285.685	ug/l	98
30) Chloroform	7.33	83	188073	50.462	ug/l	98
31) Cyclohexane	7.61	56	153231	50.193	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	163704	51.575	ug/l	99
36) 1,1-Dichloropropene	7.75	75	141807	51.481	ug/l	98
37) Ethyl Acetate	6.88	43	124074	57.681	ug/l	99
38) Carbon Tetrachloride	7.73	117	136856	50.171	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	158934	53.584	ug/l	97
40) Benzene	8.00	78	430509	51.594	ug/l	98
41) Methacrylonitrile	7.13	41	54114	58.831	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	147574	51.869	ug/l	98
43) Isopropyl Acetate	8.13	43	211508	58.347	ug/l	98
44) Trichloroethene	8.80	130	109735	49.971	ug/l	99
45) 1,2-Dichloropropane	9.08	63	110321	53.799	ug/l	99
46) Dibromomethane	9.17	93	74542	51.622	ug/l	99
47) Bromodichloromethane	9.37	83	152558	51.595	ug/l	98
48) Methyl methacrylate	9.17	41	96957	58.815	ug/l	95
49) 1,4-Dioxane	9.17	88	35450	936.635	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	628896	293.581	ug/l	99
52) Toluene	10.12	92	281226	53.665	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	168754	53.762	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	182483	53.524	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	111649	54.150	ug/l	99
56) Ethyl methacrylate	10.40	69	160188	50.813	ug/l	96
57) 1,3-Dichloropropane	10.68	76	185596	53.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	317691	291.951	ug/l	98
59) 2-Hexanone	10.72	43	460474	268.042	ug/l	98
60) Dibromochloromethane	10.87	129	119911	52.120	ug/l	100
61) 1,2-Dibromoethane	10.98	107	113874	52.892	ug/l	99
64) Tetrachloroethene	10.60	164	88661	49.381	ug/l	97
65) Chlorobenzene	11.41	112	297818	50.103	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	107266	51.742	ug/l	99
67) Ethyl Benzene	11.48	91	524849	52.663	ug/l	100
68) m/p-Xylenes	11.59	106	408774	106.370	ug/l	100
69) o-Xylene	11.92	106	195647	53.357	ug/l	98
70) Styrene	11.94	104	333432	54.309	ug/l	99
71) Bromoform	12.10	173	80844	53.483	ug/l #	99
73) Isopropylbenzene	12.22	105	514289	52.830	ug/l	100
74) N-amyl acetate	12.04	43	194080	54.743	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	167177	52.821	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	207636	77.203	ug/l #	100
77) Bromobenzene	12.50	156	123462	50.271	ug/l	96
78) n-propylbenzene	12.56	91	590930	53.200	ug/l	99
79) 2-Chlorotoluene	12.65	91	350720	52.572	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	425107	52.784	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	54883	55.657	ug/l	99
82) 4-Chlorotoluene	12.75	91	360167	52.248	ug/l	98
83) tert-Butylbenzene	12.97	119	355119	52.011	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	428274	53.870	ug/l	100
85) sec-Butylbenzene	13.15	105	483458	54.098	ug/l	98
86) p-Isopropyltoluene	13.26	119	432217	54.276	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	224151	50.042	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	227147	49.541	ug/l	99
89) n-Butylbenzene	13.59	91	363394	54.641	ug/l	99
90) Hexachloroethane	13.85	117	78304	53.717	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	222604	51.621	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29425	57.268	ug/l	96

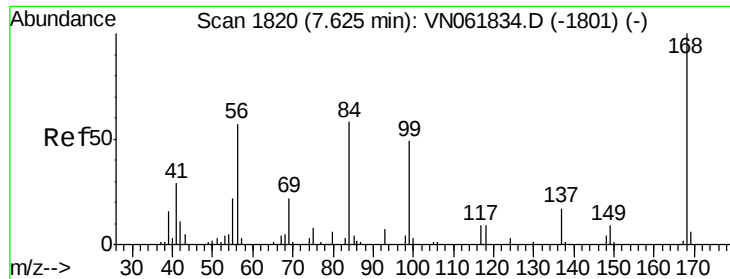
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	110903	54.502	ug/l	98
94) Hexachlorobutadiene	14.98	225	43327	54.062	ug/l	97
95) Naphthalene	15.10	128	335501	49.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	109232	54.203	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: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

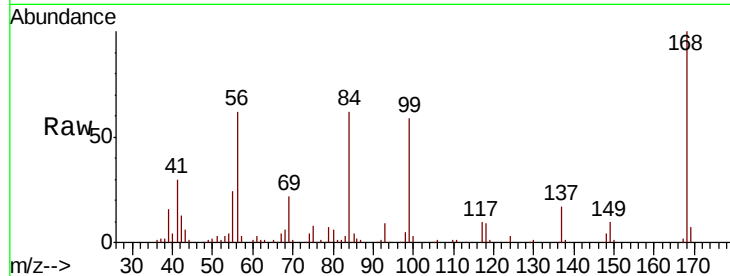
VSTDCCC050EC

Tot Ion:168 Resp: 172734

Ion Ratio Lower Upper

168 100

99 58.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

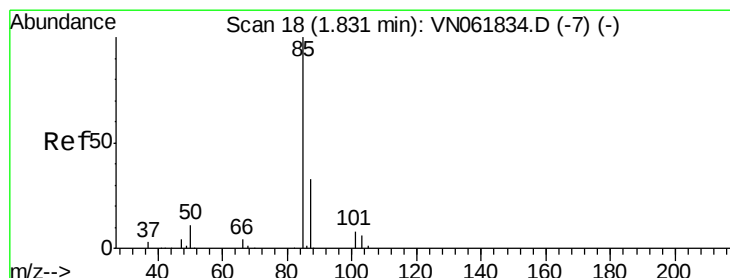
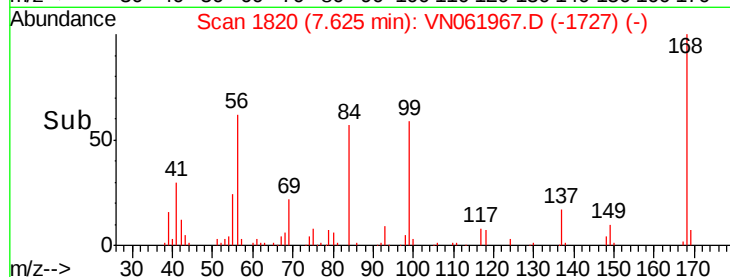
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 50.216 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061967.D

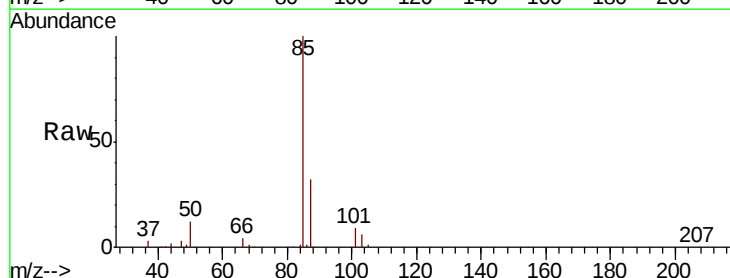
Acq: 19 Jun 2020 21:12

Tgt Ion: 85 Resp: 112866

Ion Ratio Lower Upper

85 100

87 31.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

40000

20000

0

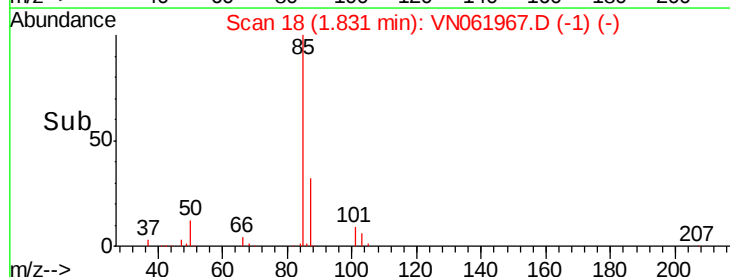
Time-->

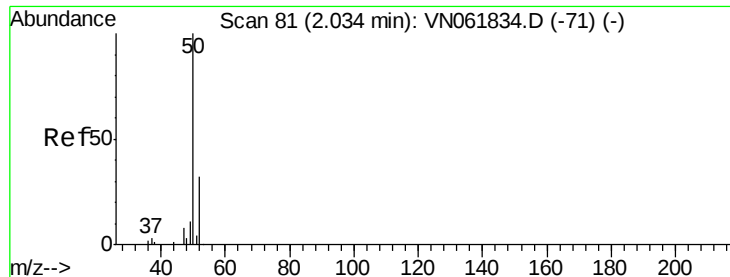
1.75

1.80

1.85

1.90





#3

Chloromethane

Concen: 50.704 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

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ClientSampleId :

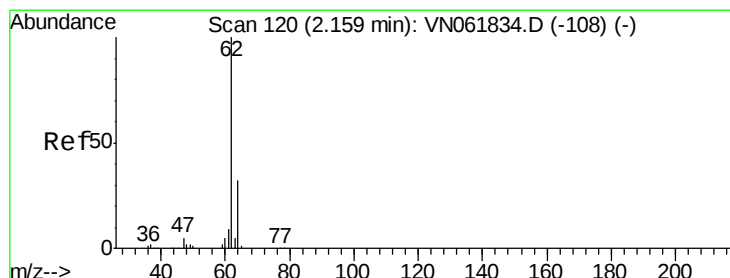
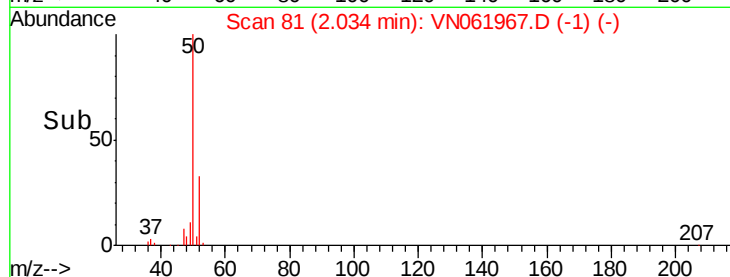
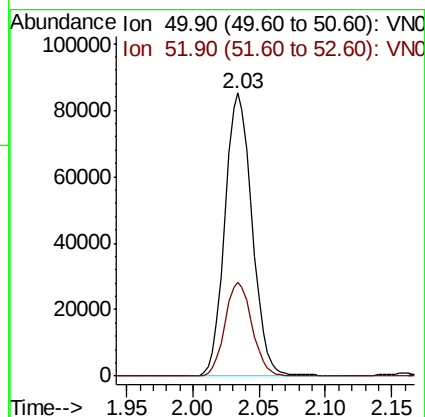
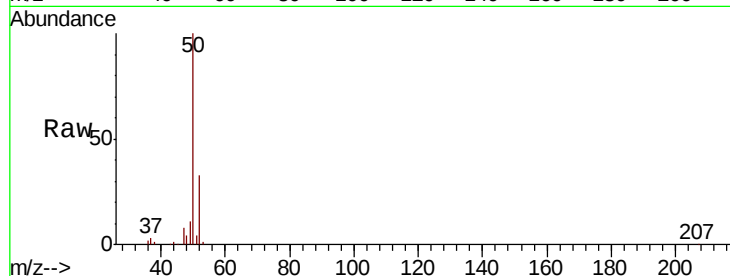
VSTDCCC050EC

Tot Ion: 50 Resp: 121569

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



#4

Vinyl Chloride

Concen: 54.310 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061967.D

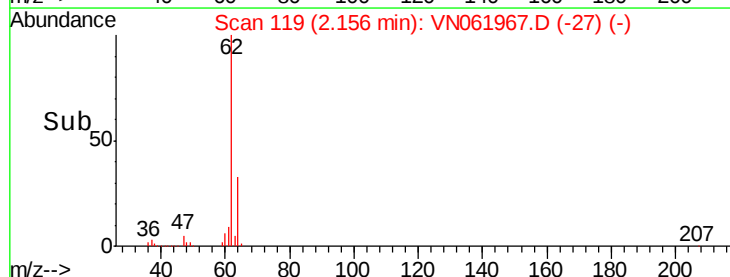
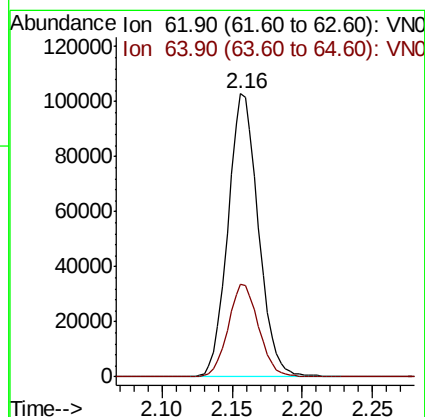
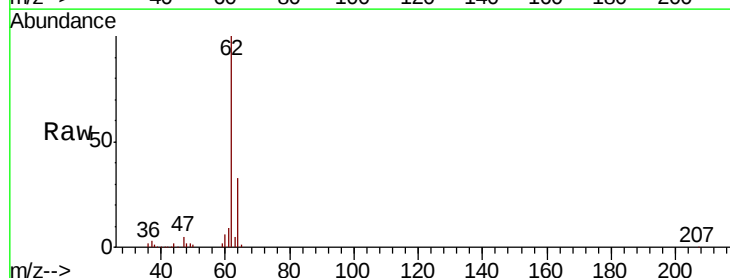
Acq: 19 Jun 2020 21:12

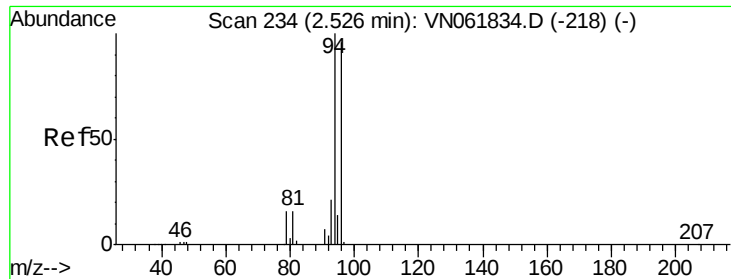
Tgt Ion: 62 Resp: 155235

Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3





#5

Bromomethane

Concen: 40.356 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

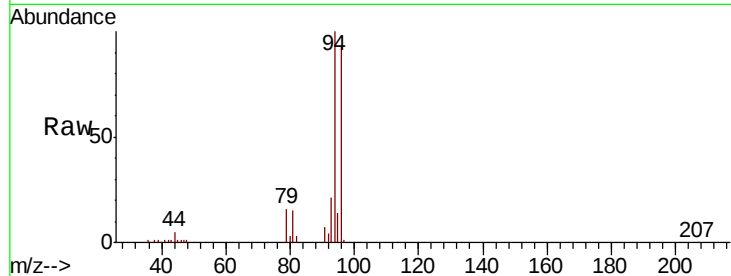
VSTDCCC050EC

Tot Ion: 94 Resp: 88579

Ion Ratio Lower Upper

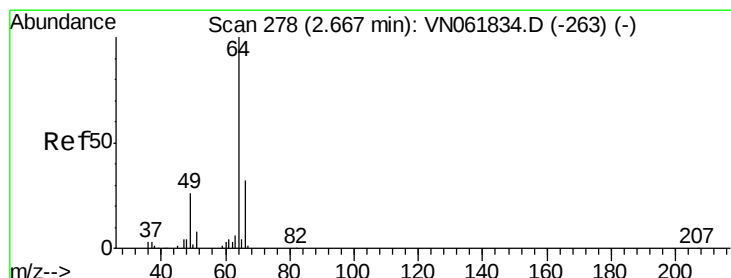
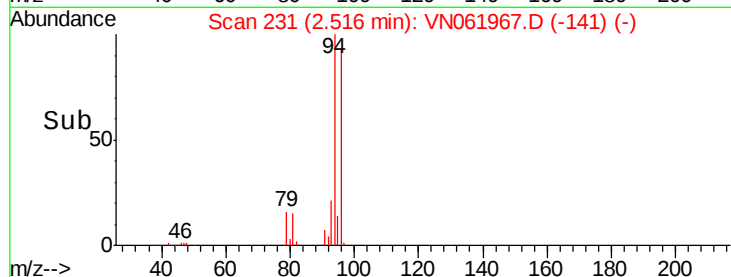
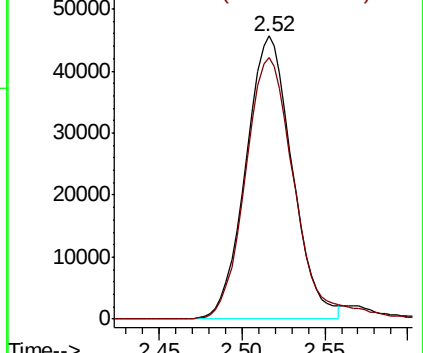
94 100

96 92.6 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.029 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061967.D

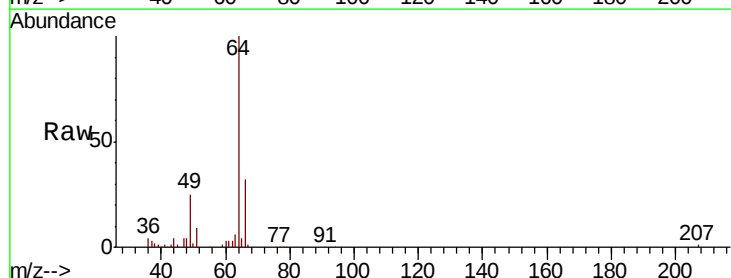
Acq: 19 Jun 2020 21:12

Tgt Ion: 64 Resp: 94844

Ion Ratio Lower Upper

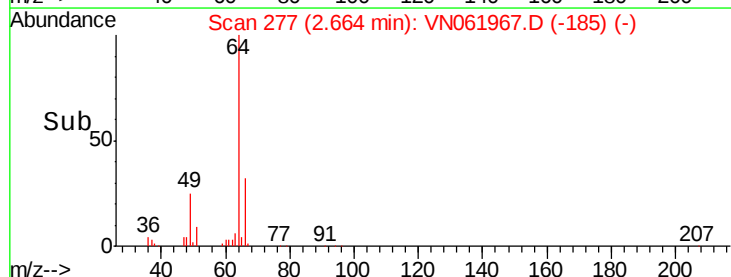
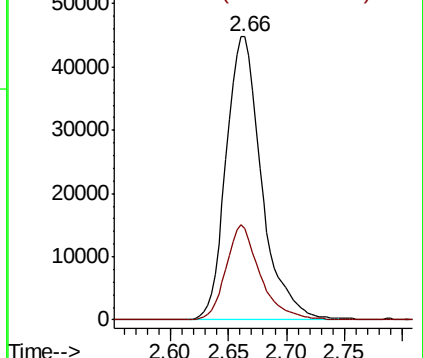
64 100

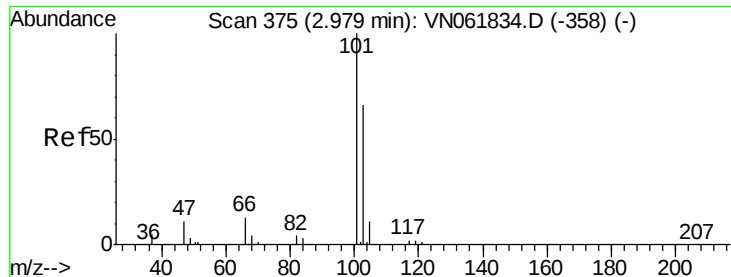
66 32.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



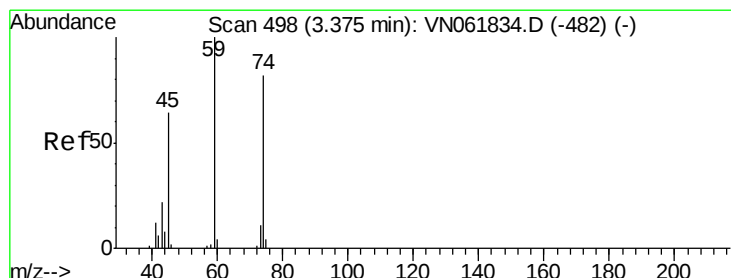
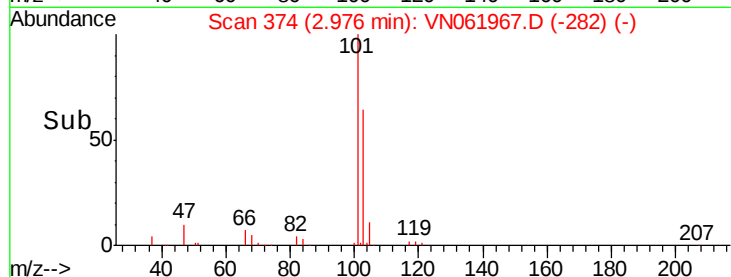
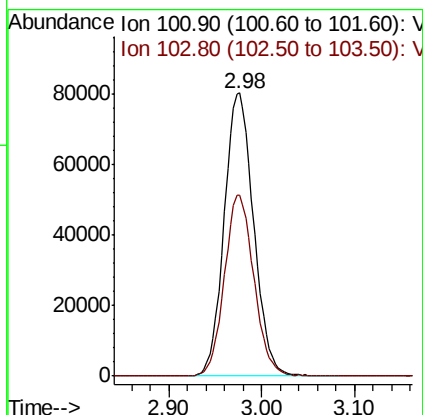
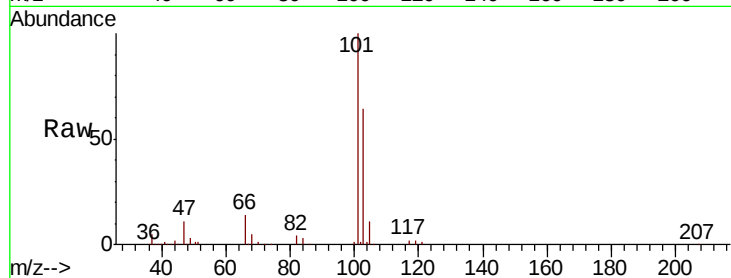


#7

Trichlorofluoromethane
Concen: 51.731 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061967.D
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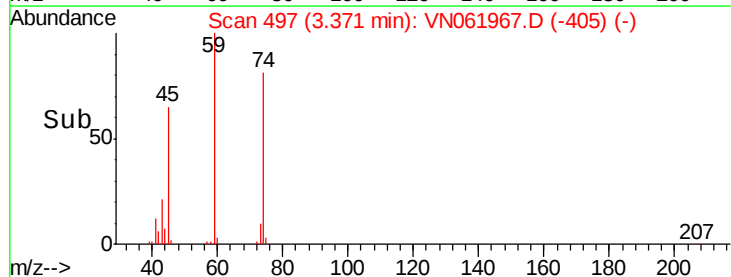
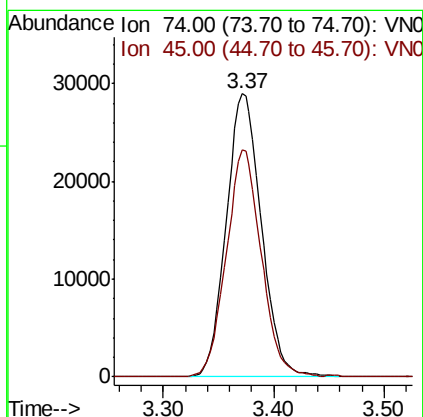
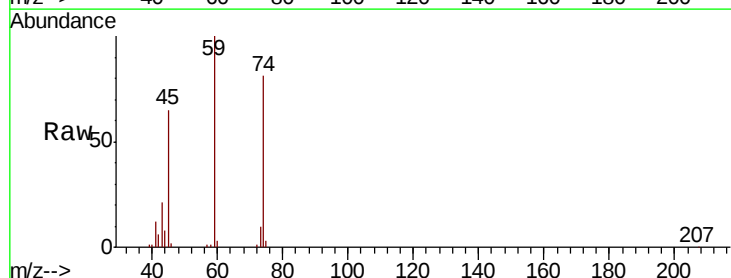
Tot Ion:101 Resp: 176618
Ion Ratio Lower Upper
101 100
103 64.0 52.8 79.2

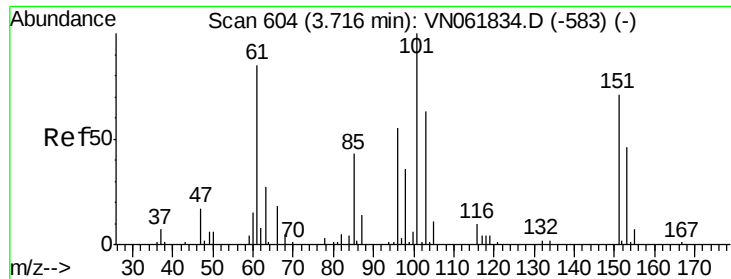


#8

Diethyl Ether
Concen: 55.706 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 74 Resp: 63939
Ion Ratio Lower Upper
74 100
45 79.9 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.586 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

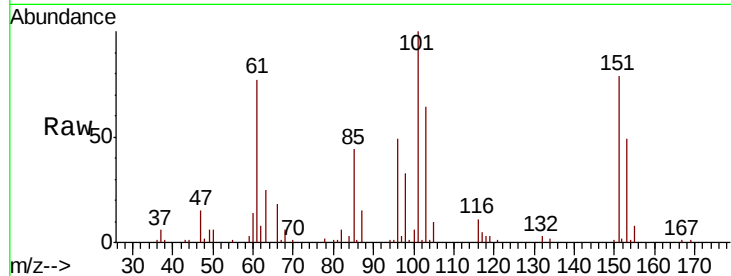
Tot Ion:101 Resp: 90356

Ion Ratio Lower Upper

101 100

85 43.3 35.0 52.6

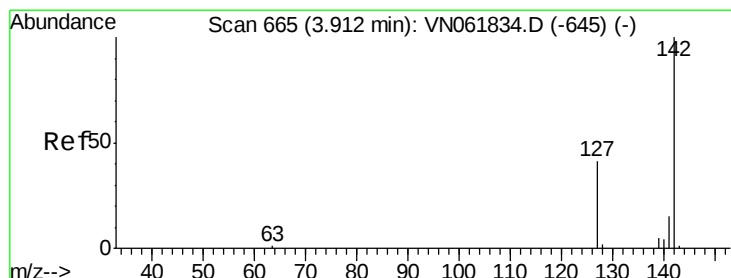
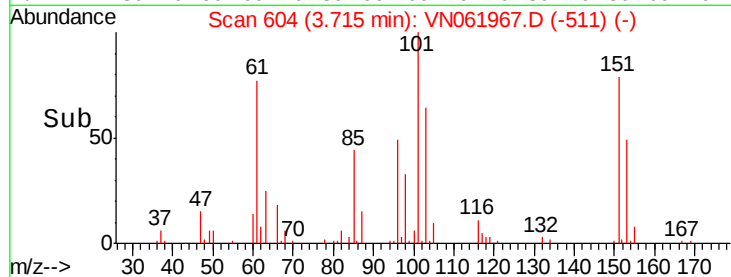
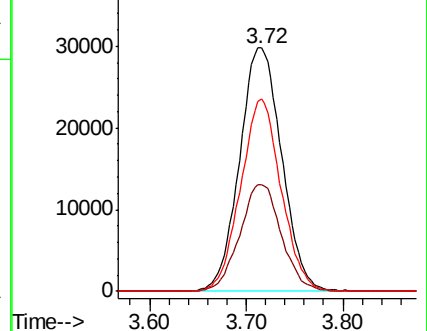
151 75.8 59.2 88.8



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: 51.044 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

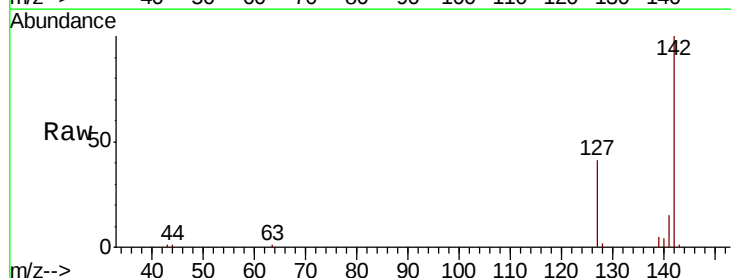
Tgt Ion:142 Resp: 108168

Ion Ratio Lower Upper

142 100

127 40.8 33.4 50.0

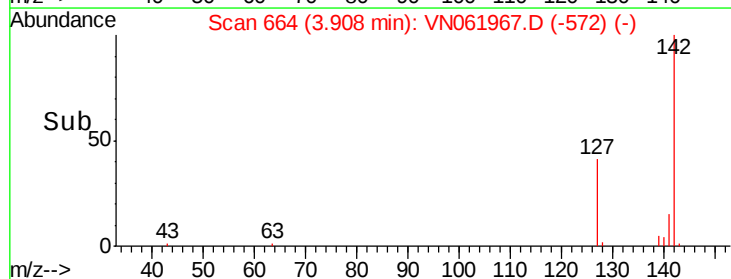
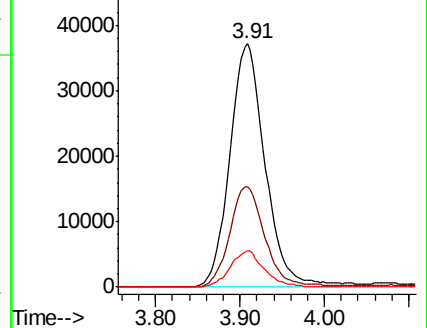
141 14.2 11.3 16.9

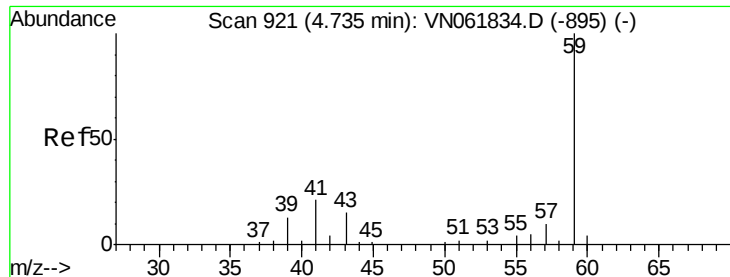


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

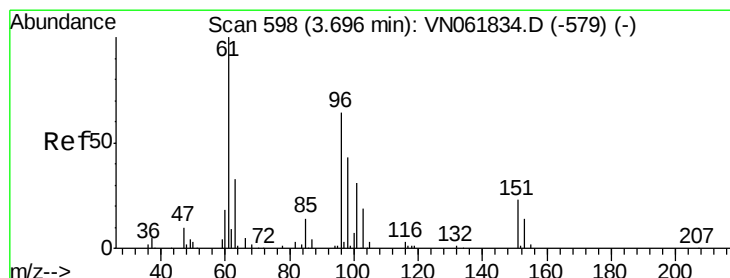
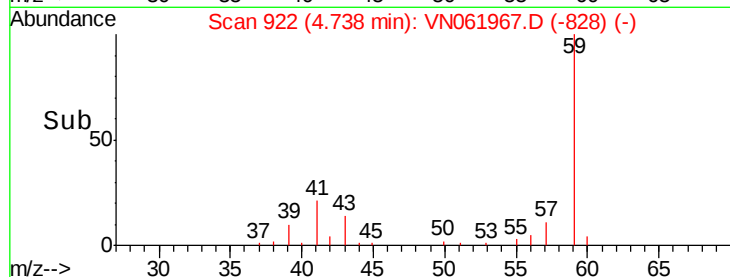
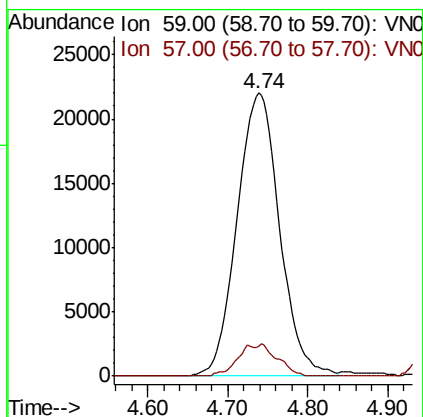
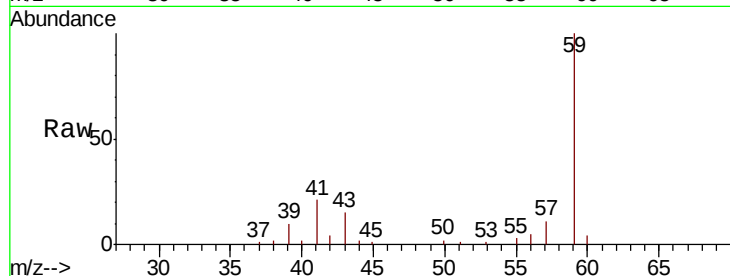




#11
Tert butyl alcohol
Concen: 248.783 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

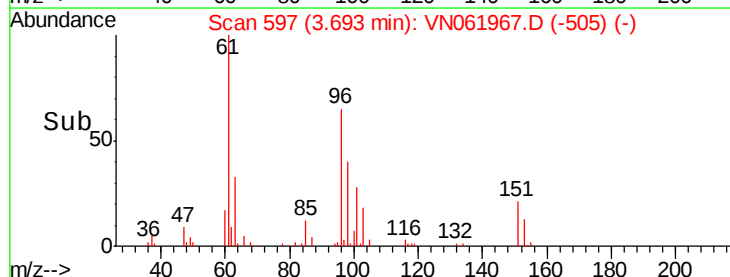
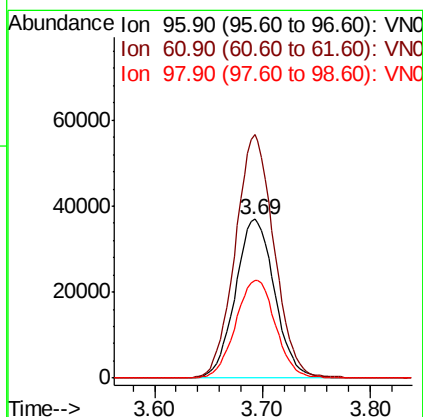
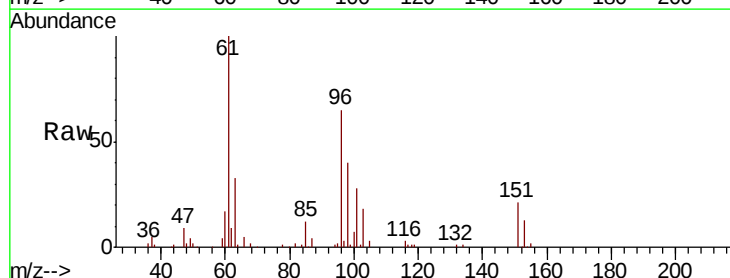
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

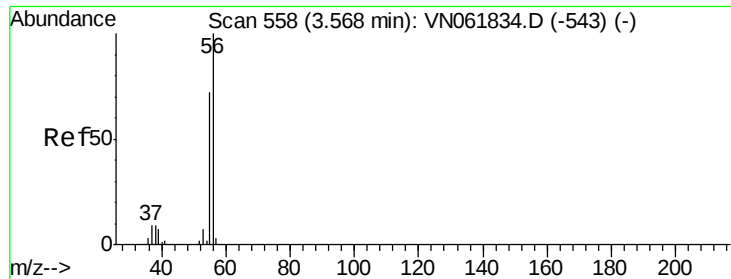
Tot Ion: 59 Resp: 79753
Ion Ratio Lower Upper
59 100
57 4.9 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 53.254 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 96 Resp: 93463
Ion Ratio Lower Upper
96 100
61 153.2 124.3 186.5
98 61.5 53.1 79.7





#13

Acrolein

Concen: 298.771 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

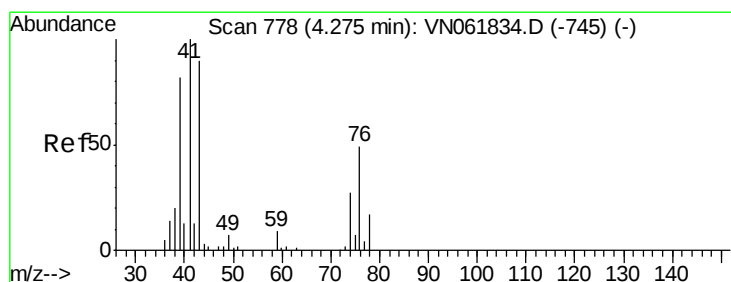
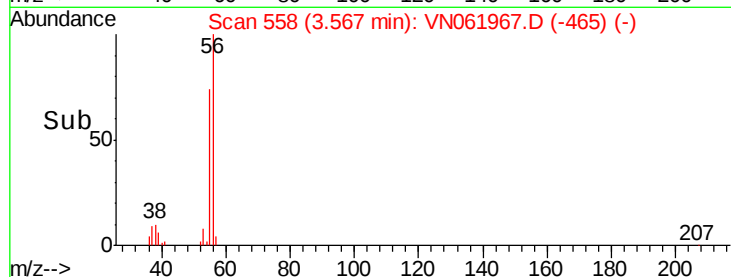
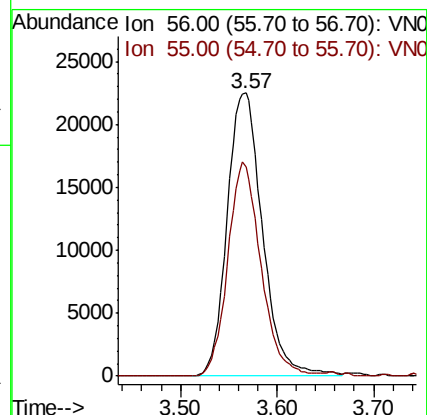
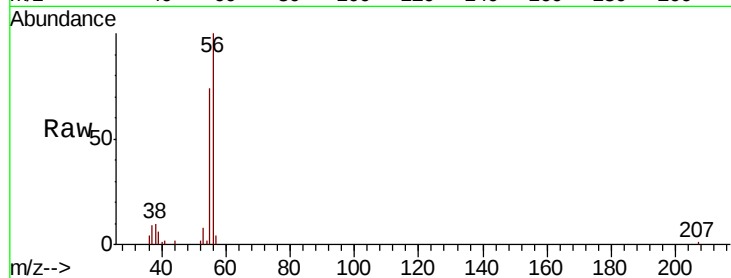
VSTDCCC050EC

Tot Ion: 56 Resp: 57244

Ion Ratio Lower Upper

56 100

55 70.5 56.2 84.4



#14

Allyl chloride

Concen: 55.202 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

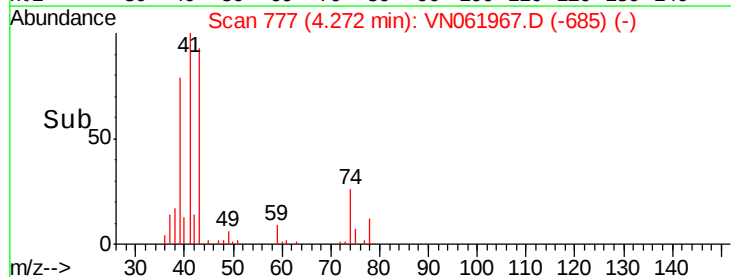
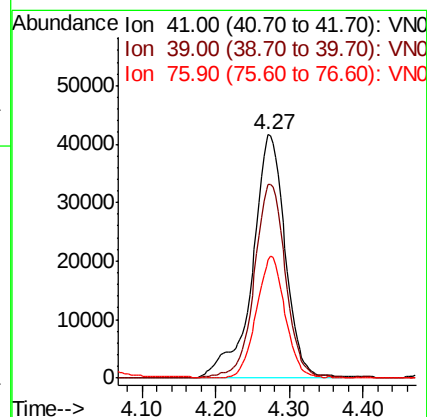
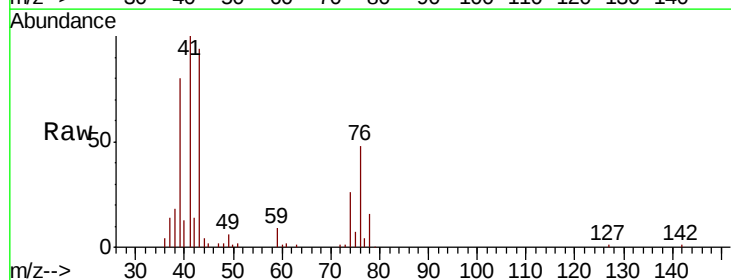
Tgt Ion: 41 Resp: 128583

Ion Ratio Lower Upper

41 100

39 76.2 60.2 90.2

76 43.9 36.3 54.5





#15

Acrylonitrile

Concen: 287.424 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

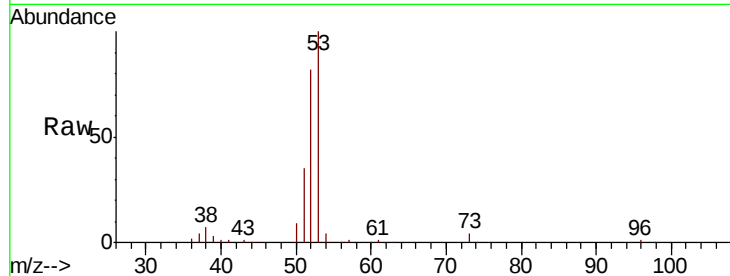
Tot Ion: 53 Resp: 228309

Ion Ratio Lower Upper

53 100

52 84.0 65.2 97.8

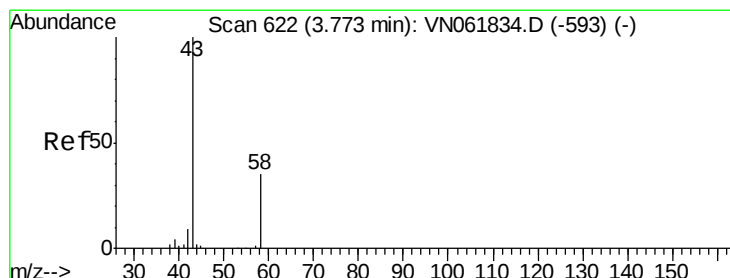
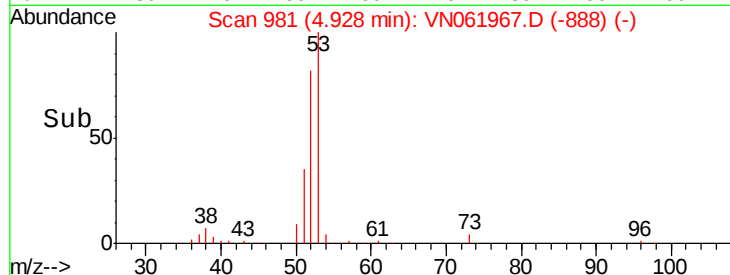
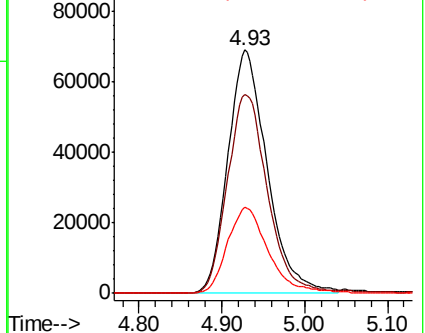
51 36.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 252.817 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061967.D

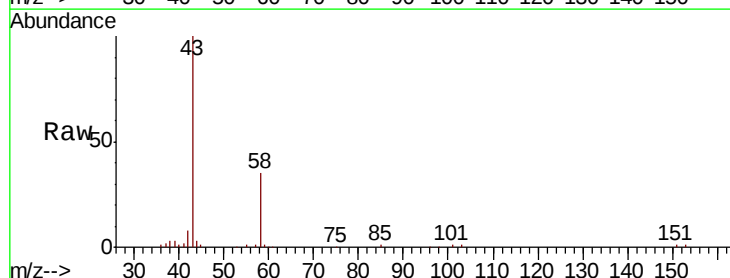
Acq: 19 Jun 2020 21:12

Tgt Ion: 43 Resp: 172999

Ion Ratio Lower Upper

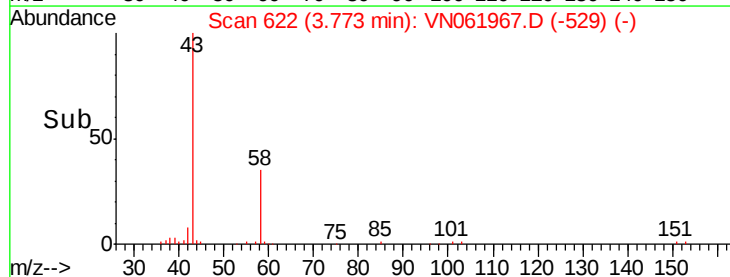
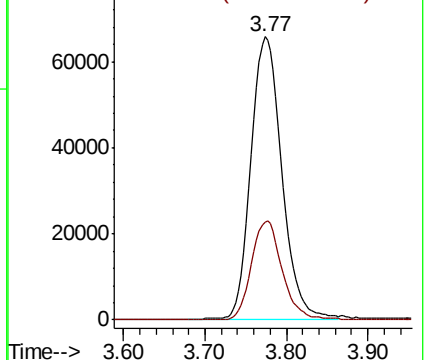
43 100

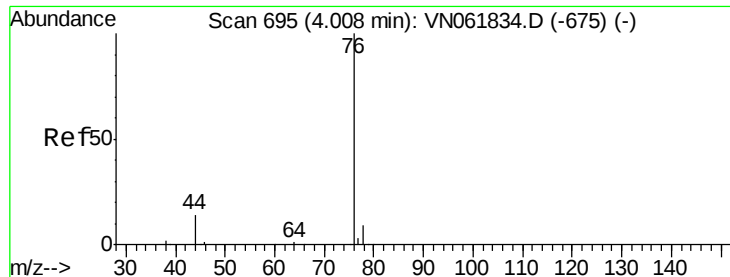
58 34.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

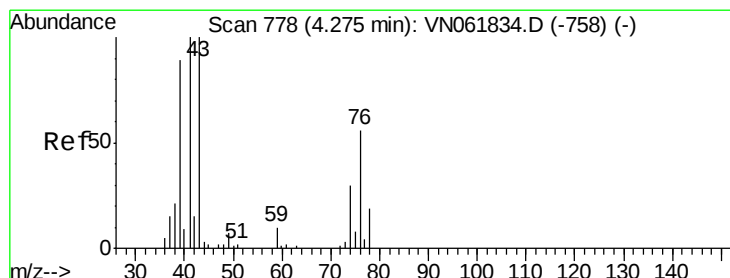
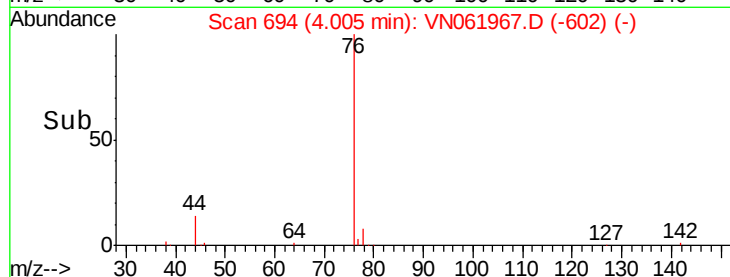
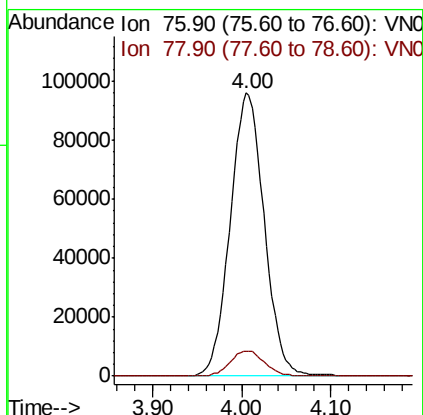
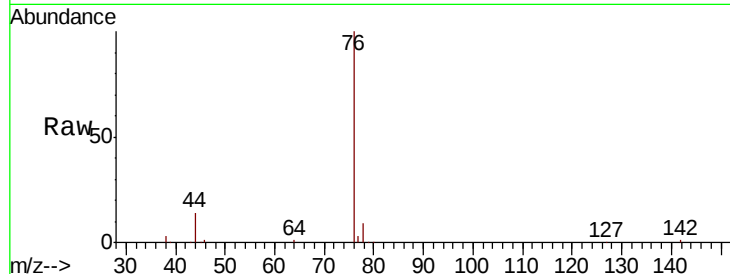




#17
Carbon Disulfide
Concen: 49.438 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

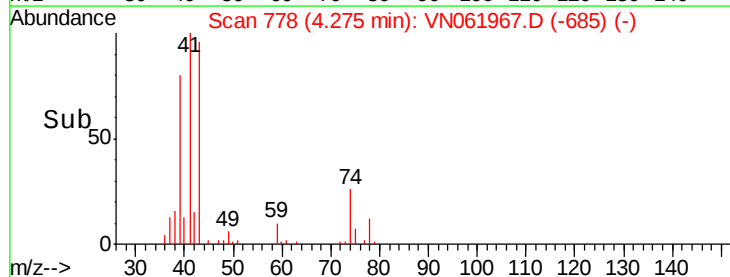
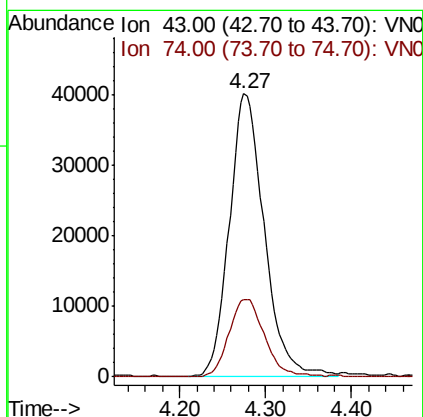
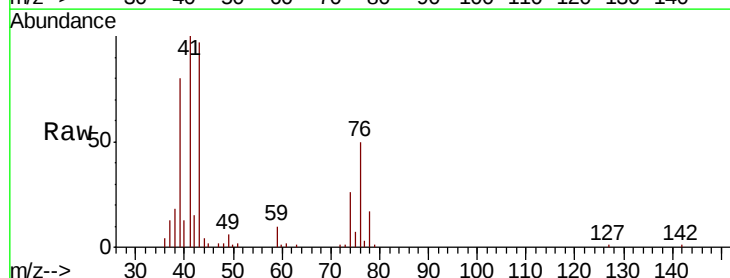
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

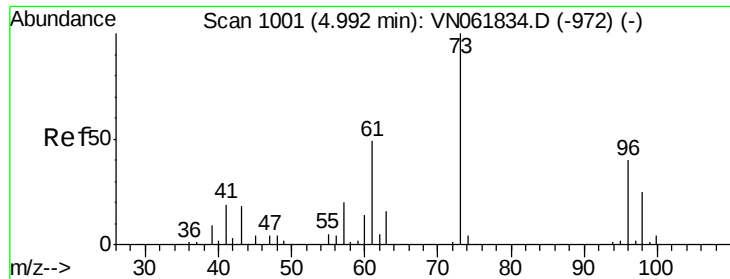
Tot Ion: 76 Resp: 253879
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 57.741 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 43 Resp: 113755
Ion Ratio Lower Upper
43 100
74 27.8 23.0 34.4

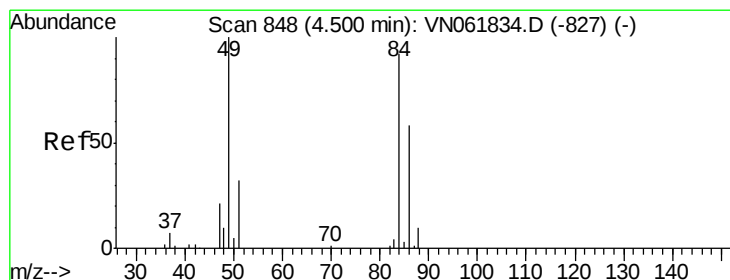
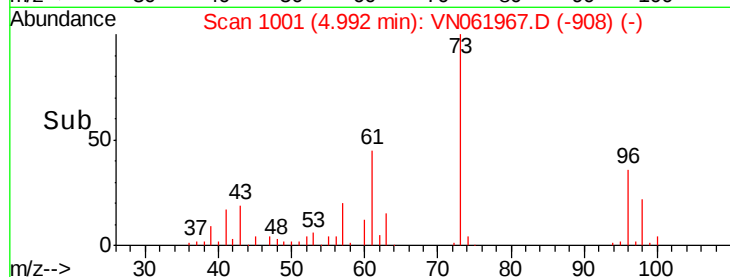
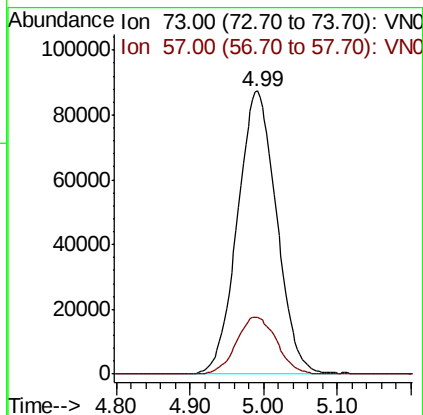
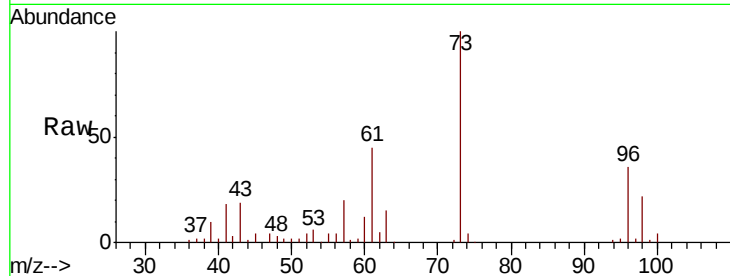




#19
Methvl tert-butvl Ether
Concen: 55.218 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

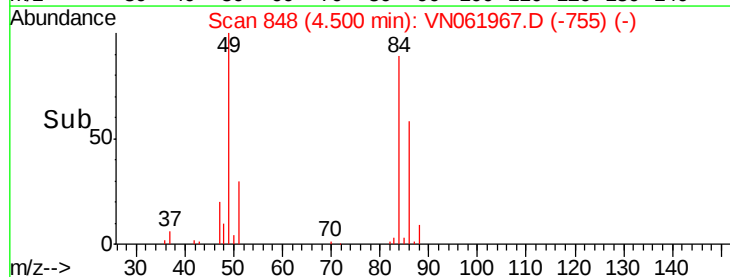
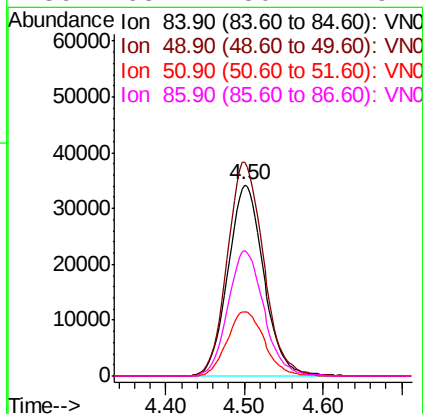
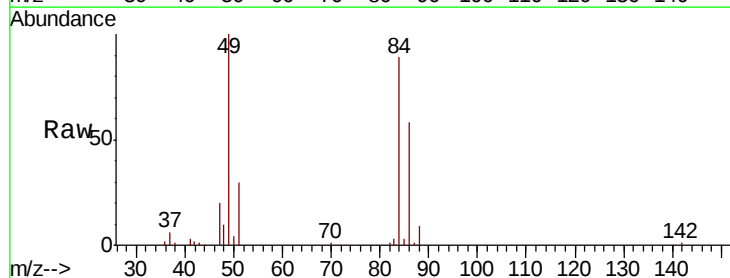
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

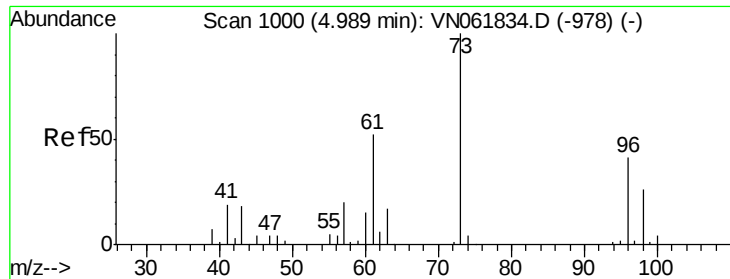
Tot Ion: 73 Resp: 322669
Ion Ratio Lower Upper
73 100
57 20.2 16.2 24.4



#20
Methylene Chloride
Concen: 48.643 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 84 Resp: 108445
Ion Ratio Lower Upper
84 100
49 111.9 87.0 130.4
51 33.7 27.8 41.6
86 65.4 50.2 75.2

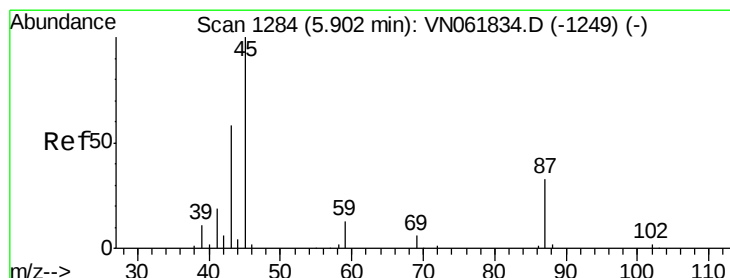
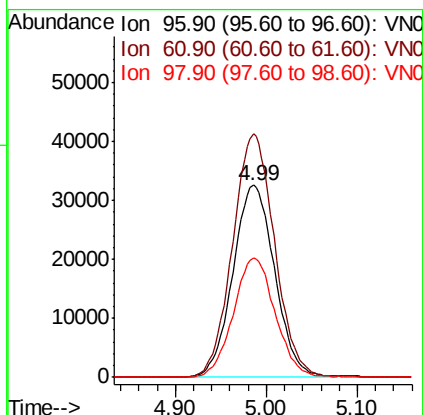
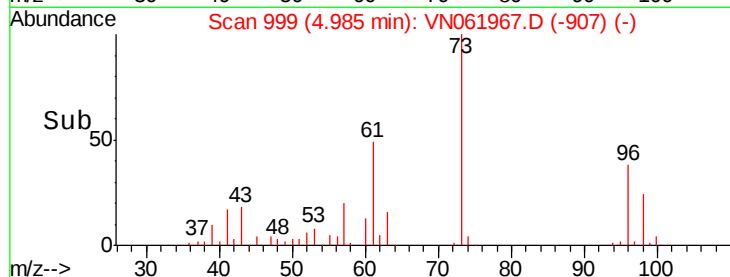
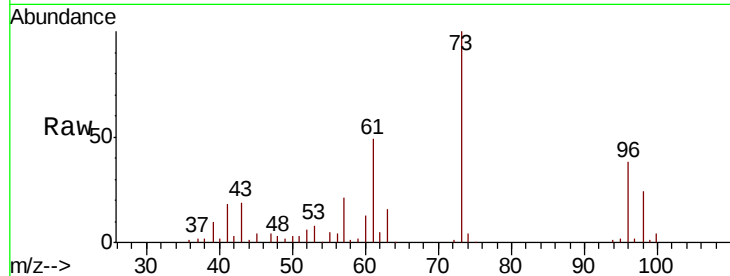




#21
trans-1,2-Dichloroethene
Concen: 51.638 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

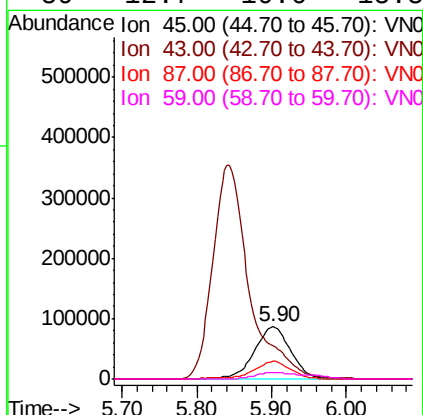
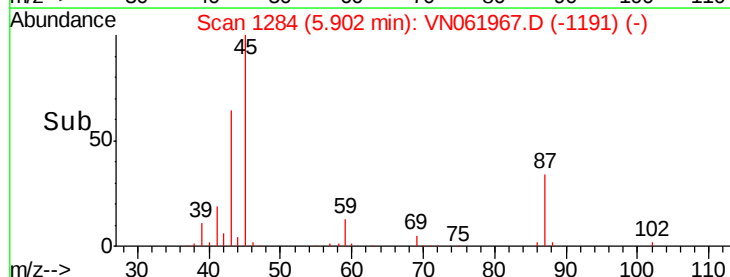
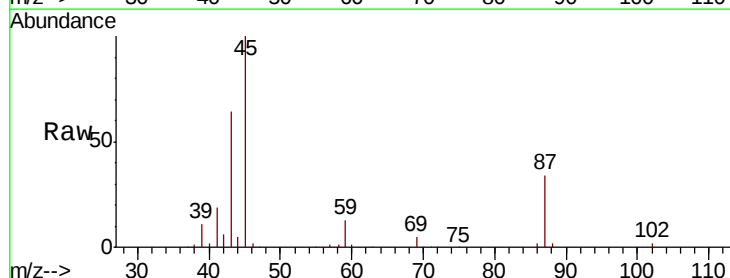
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

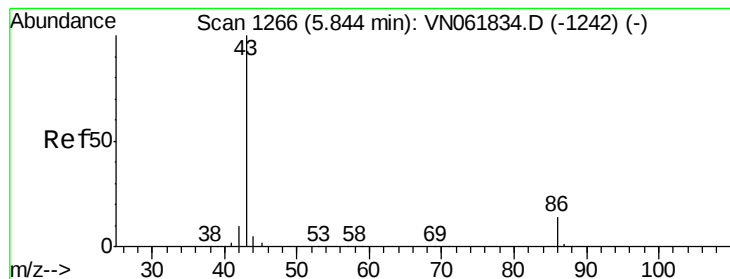
Tot Ion: 96 Resp: 104096
Ion Ratio Lower Upper
96 100
61 126.8 102.2 153.4
98 62.1 51.2 76.8



#22
Diisopropyl ether
Concen: 54.839 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 45 Resp: 292143
Ion Ratio Lower Upper
45 100
43 61.7 49.4 74.2
87 33.6 27.4 41.0
59 12.7 10.6 15.8





#23

Vinyl Acetate

Concen: 287.198 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

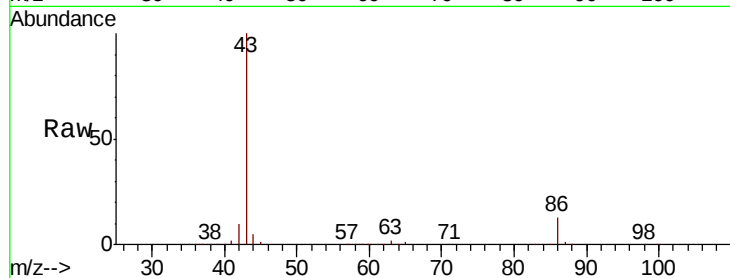
VSTDCCC050EC

Tot Ion: 43 Resp: 1203352

Ion Ratio Lower Upper

43 100

86 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1242) (-)

Ion 86.00 (85.70 to 86.70): VN061834.D (-1242) (-)

5.84

400000

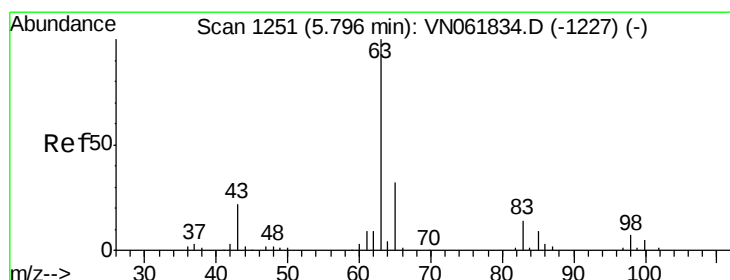
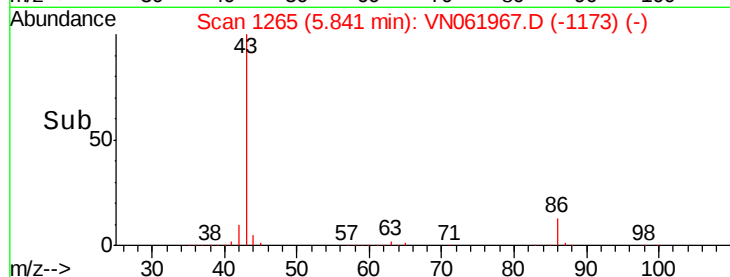
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.762 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

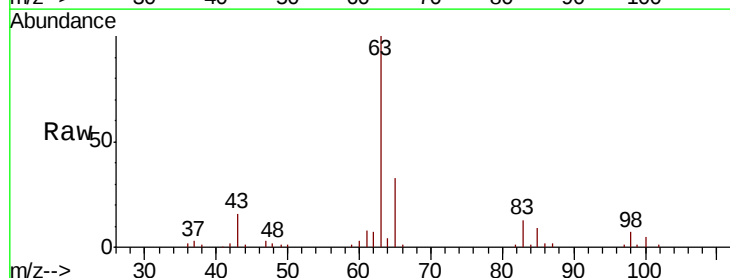
Tgt Ion: 63 Resp: 183999

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 5.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN061834.D (-1227) (-)

5.79

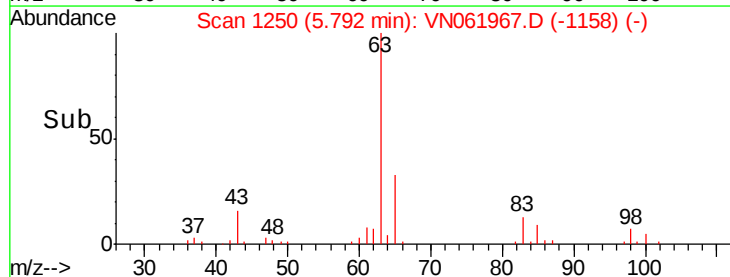
60000

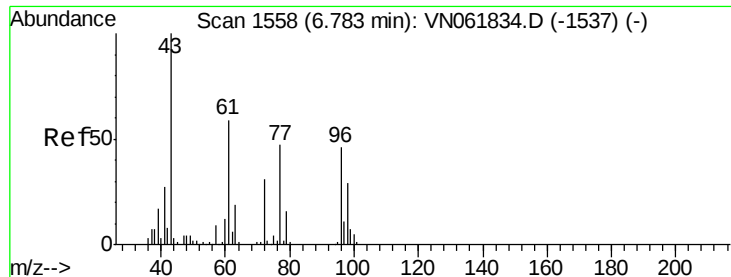
40000

20000

0

Time-->

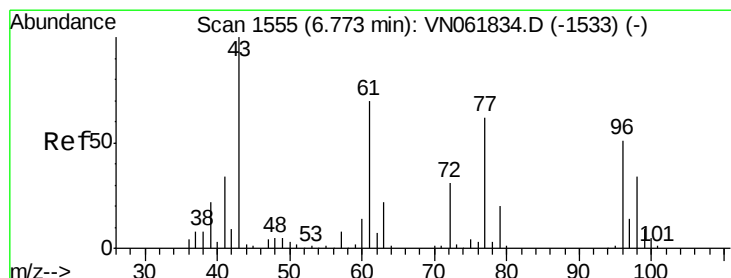
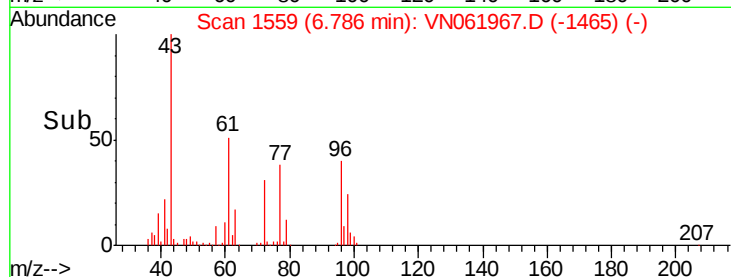
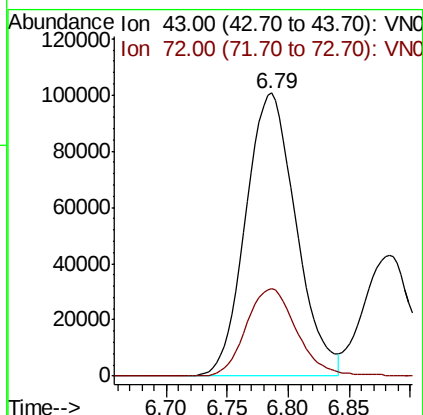
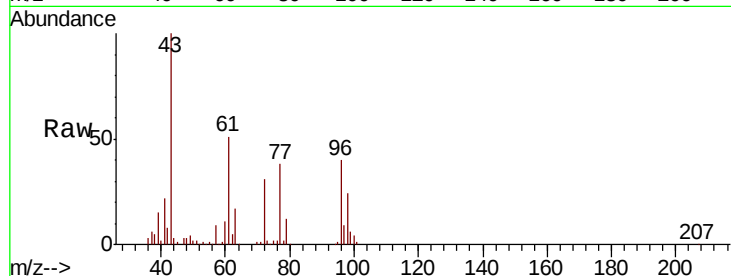




#25
2-Butanone
Concen: 288.170 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

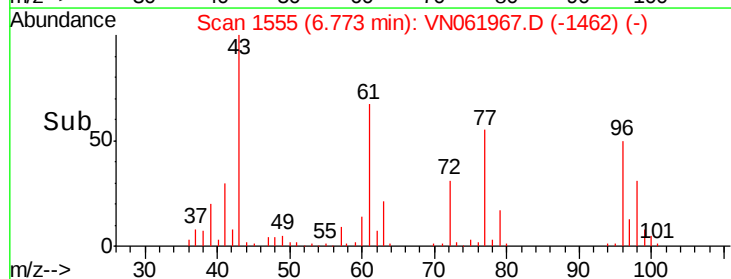
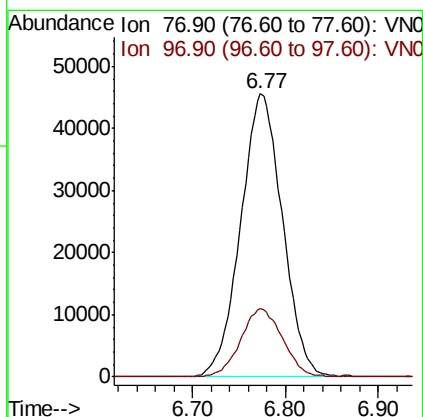
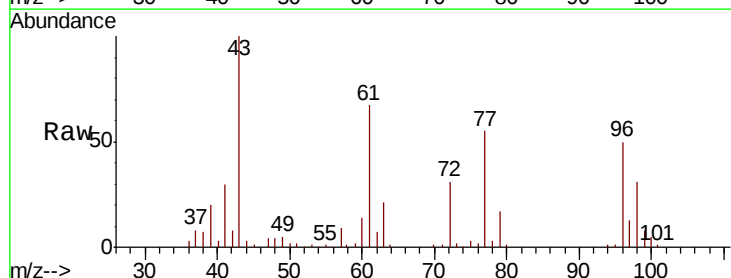
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

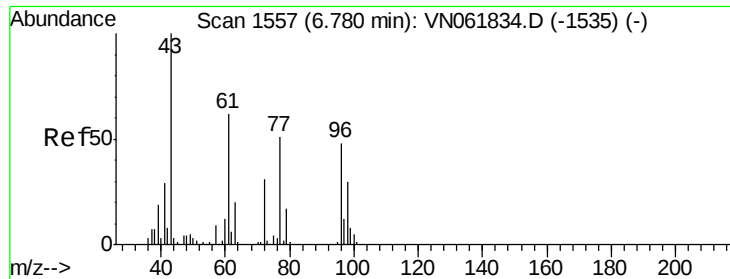
Tot Ion: 43 Resp: 287702
Ion Ratio Lower Upper
43 100
72 31.0 24.6 37.0



#26
2,2-Dichloropropane
Concen: 48.727 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 77 Resp: 142966
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.0

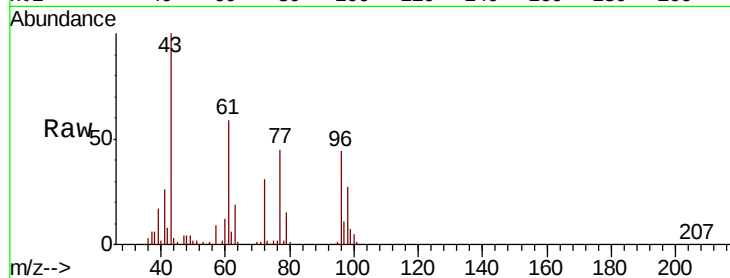




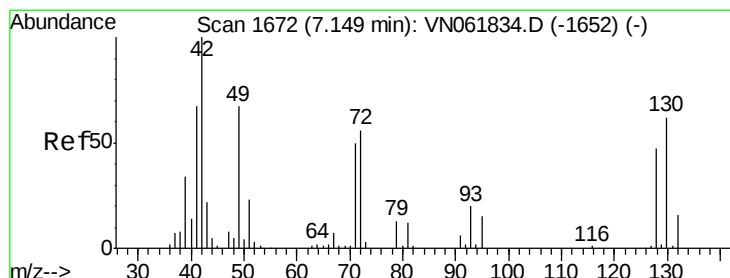
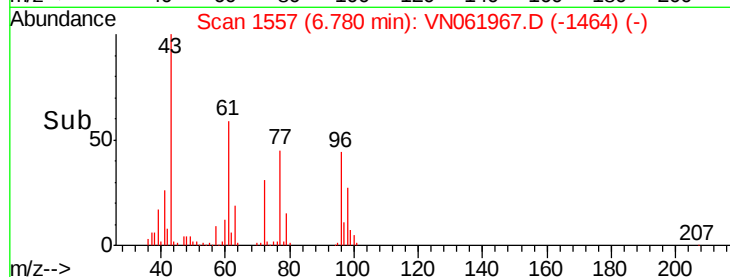
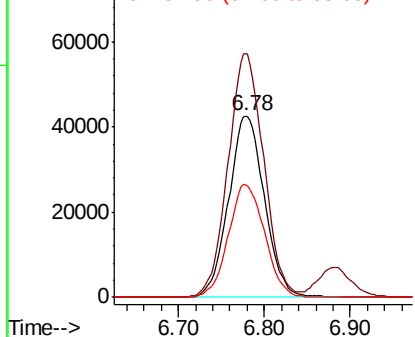
#27
 cis-1,2-Dichloroethene
 Concen: 53.002 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 123285
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 265.6
 98 63.0 0.0 128.2

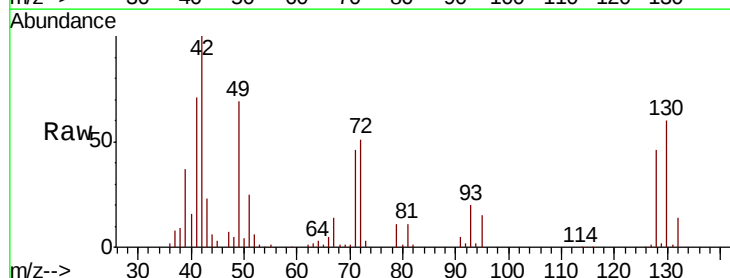


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

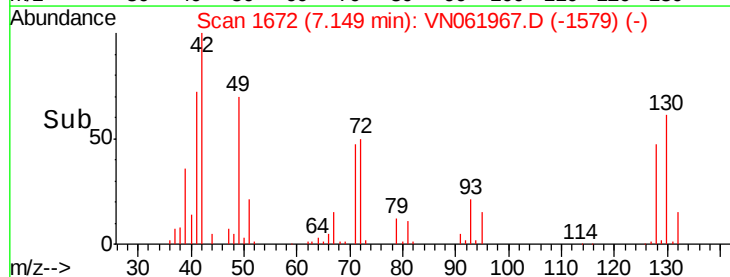
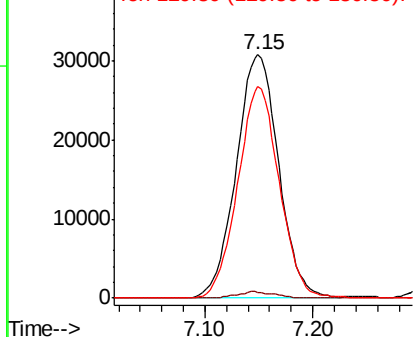


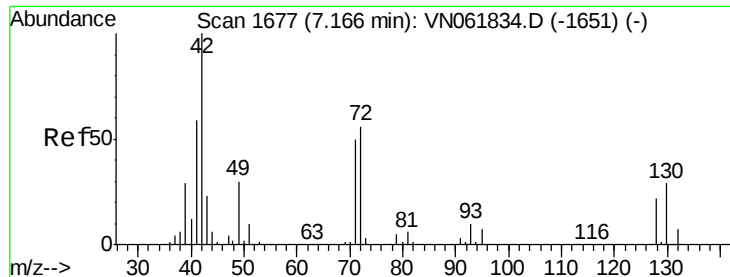
#28
 Bromochloromethane
 Concen: 54.180 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 49 Resp: 84128
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 85.1 72.2 108.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

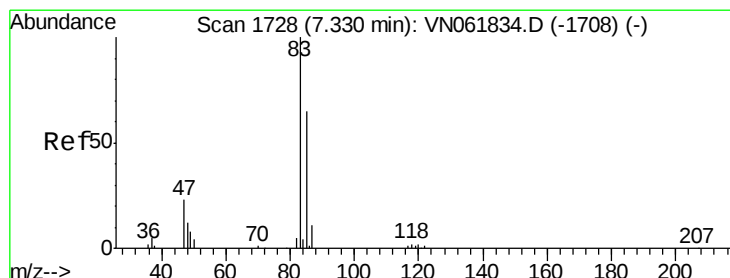
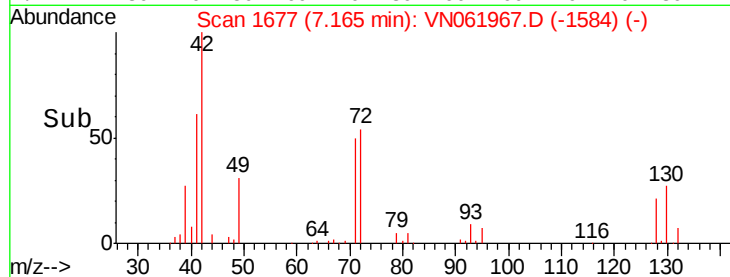
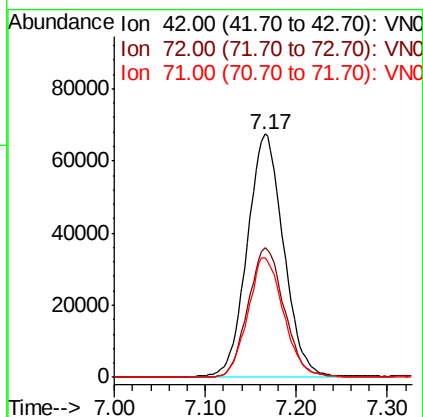
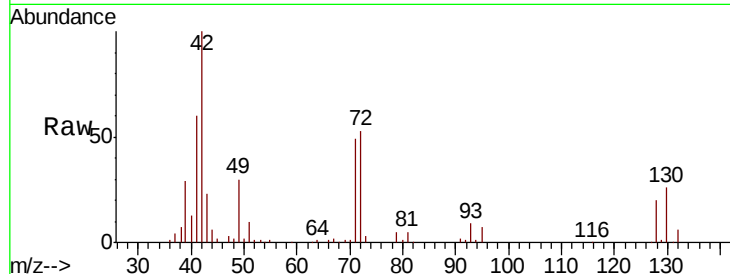




#29
Tetrahydrofuran
Concen: 285.685 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

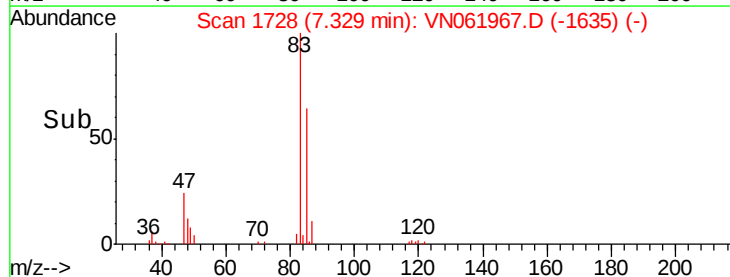
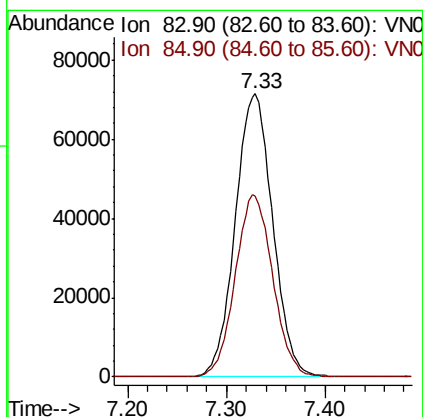
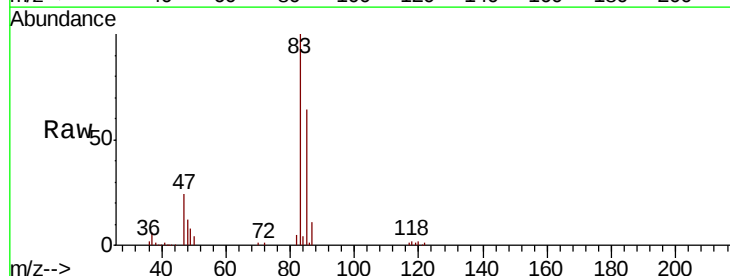
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

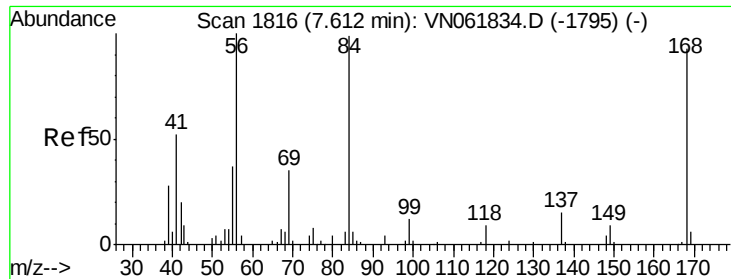
Tot Ion: 42 Resp: 187706
Ion Ratio Lower Upper
42 100
72 53.0 44.0 66.0
71 48.5 40.0 60.0



#30
Chloroform
Concen: 50.462 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 83 Resp: 188073
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0

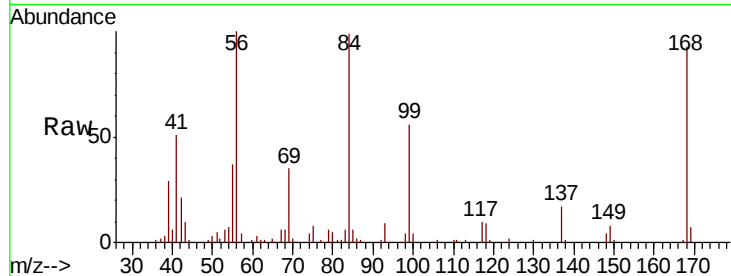




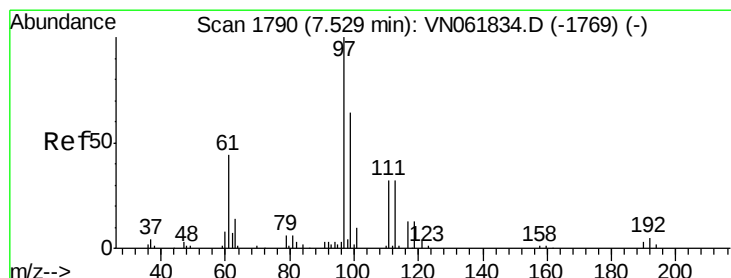
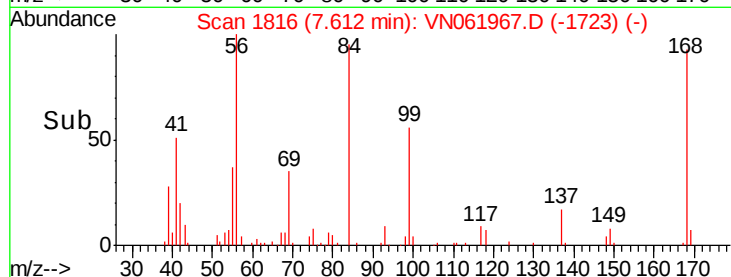
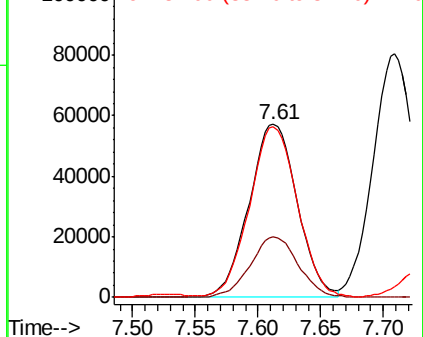
#31
Cyclohexane
Concen: 50.193 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 153231
Ion Ratio Lower Upper
56 100
69 34.7 27.7 41.5
84 97.7 79.1 118.7

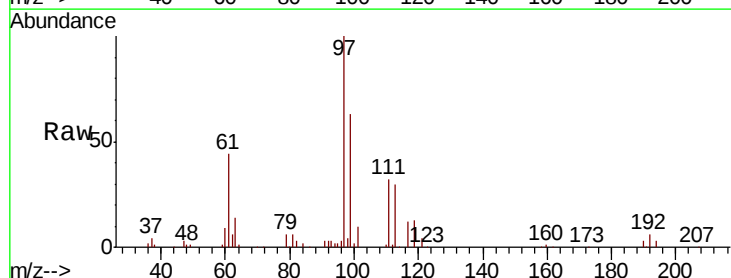


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

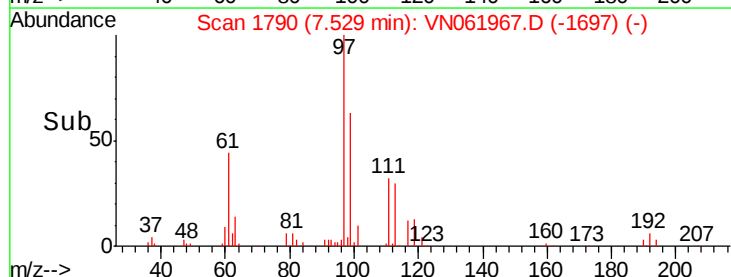
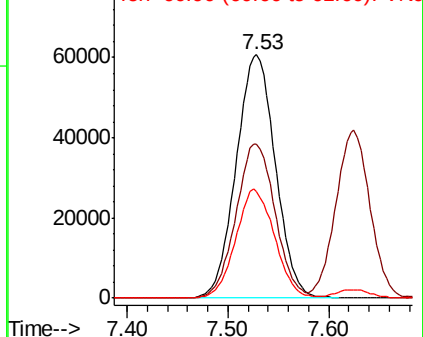


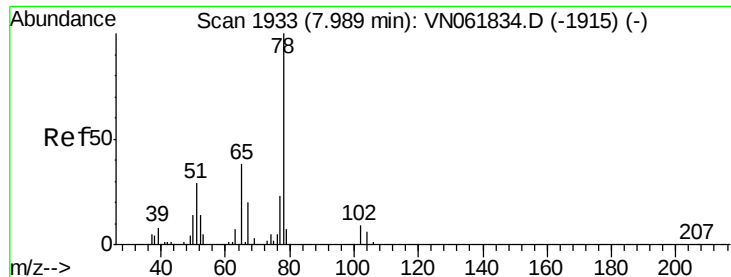
#32
1,1,1-Trichloroethane
Concen: 51.575 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 97 Resp: 163704
Ion Ratio Lower Upper
97 100
99 63.3 51.5 77.3
61 44.2 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.062 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

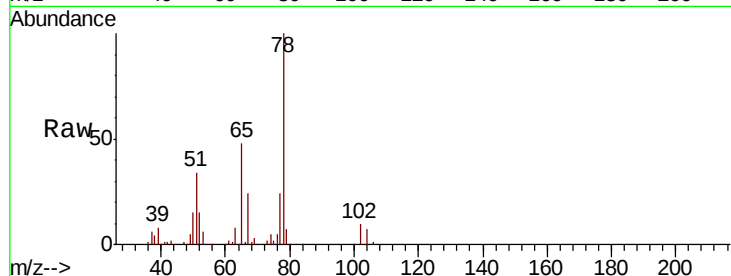
VSTDCCC050EC

Tot Ion: 65 Resp: 113657

Ion Ratio Lower Upper

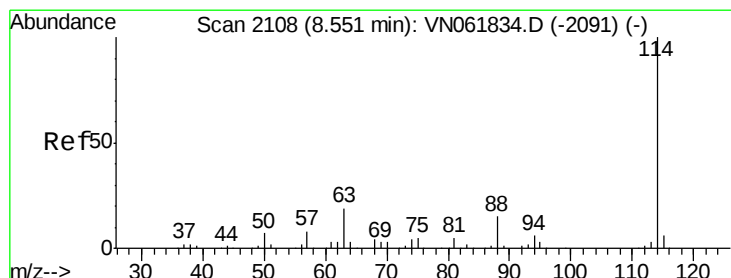
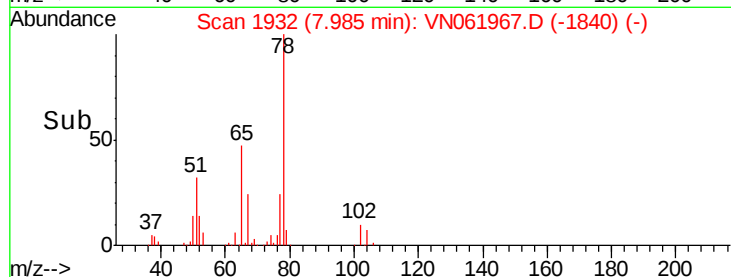
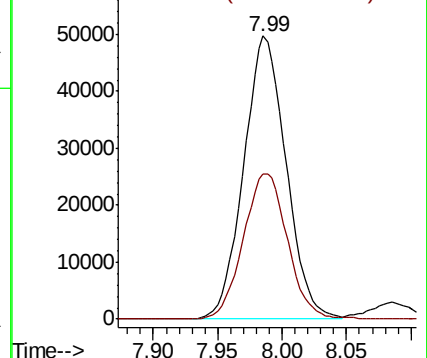
65 100

67 53.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

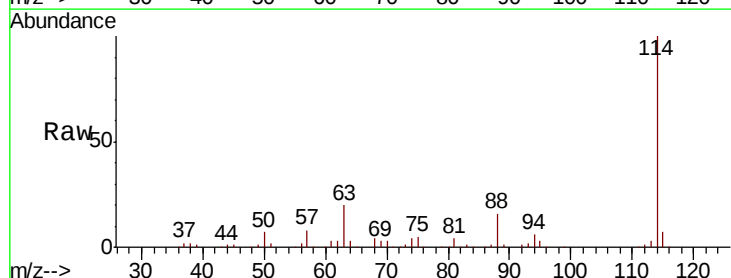
Tgt Ion: 114 Resp: 301999

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.6

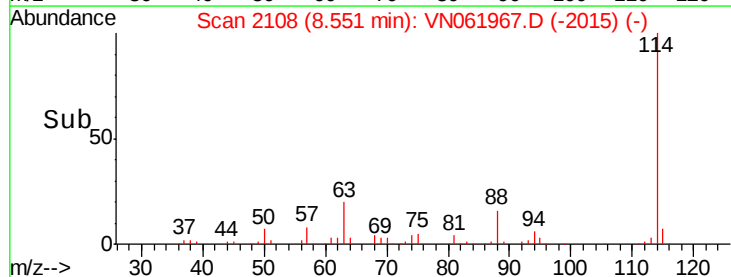
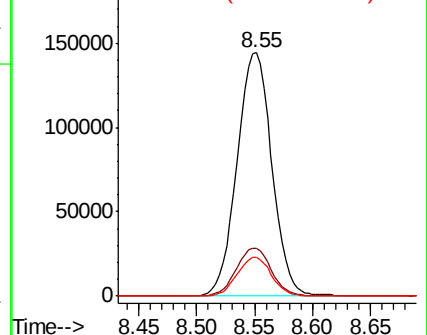
88 15.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

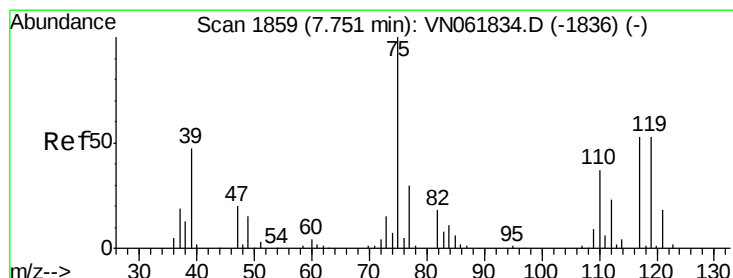
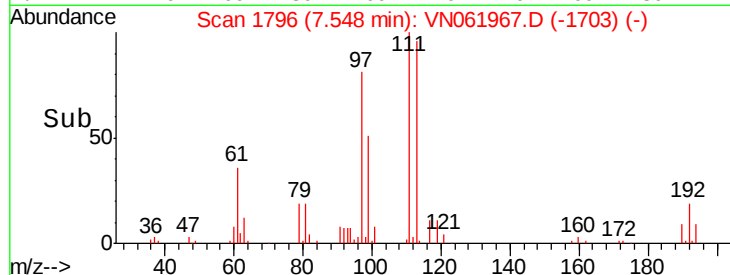
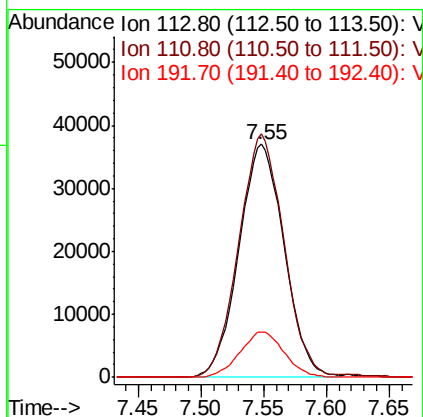
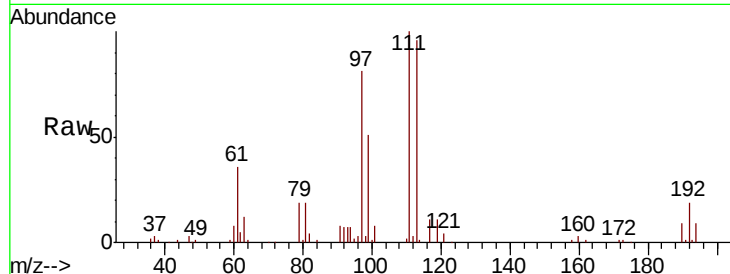




#35
 Dibromofluoromethane
 Concen: 48.178 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

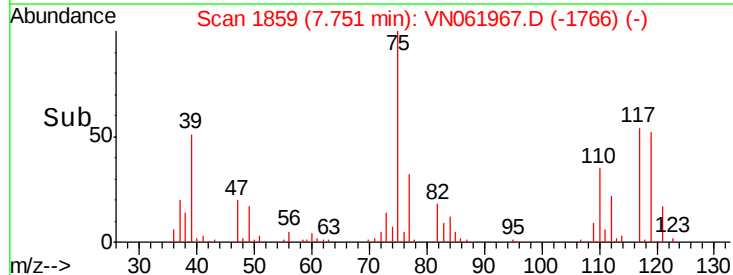
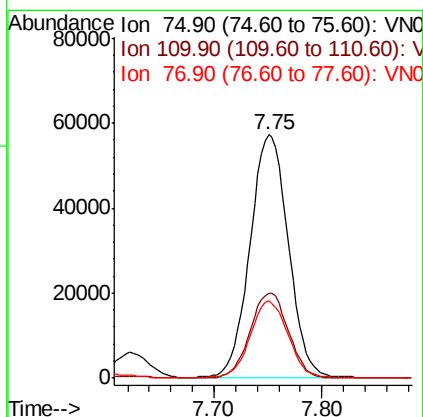
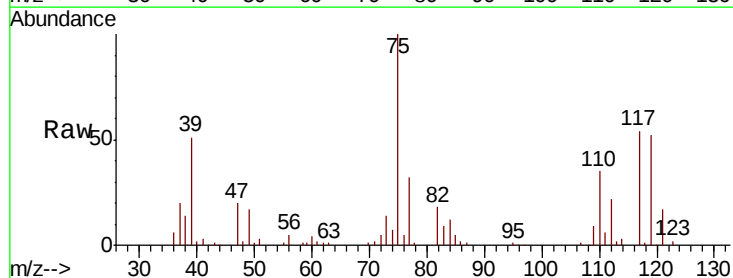
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

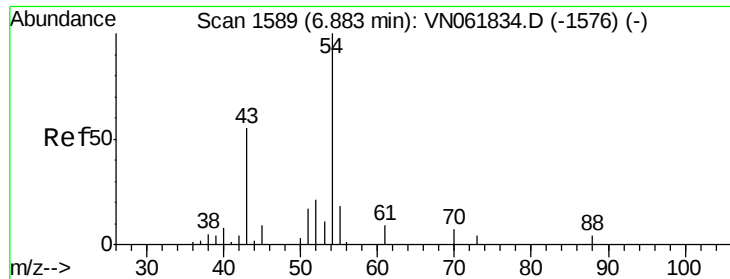
Tot Ion:113 Resp: 93082
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.7 125.5
 192 19.0 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 51.481 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 75 Resp: 141807
 Ion Ratio Lower Upper
 75 100
 110 34.8 18.2 54.6
 77 31.2 24.2 36.4

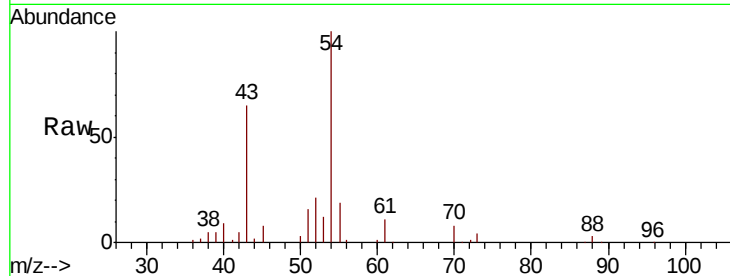




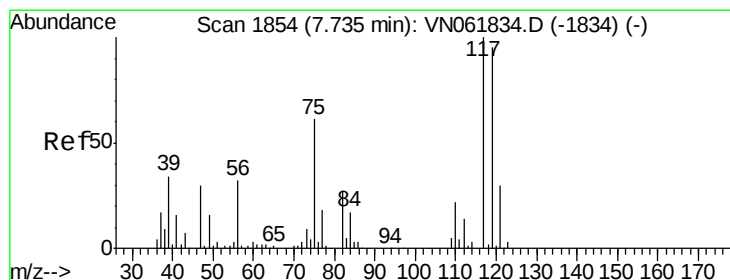
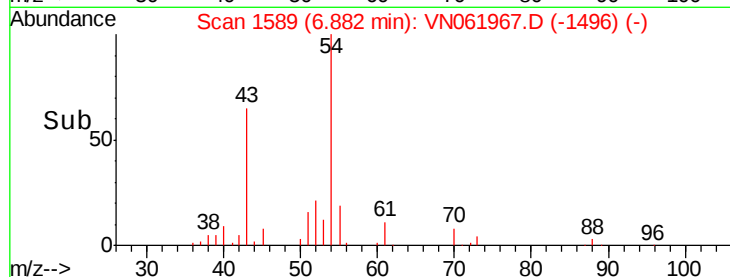
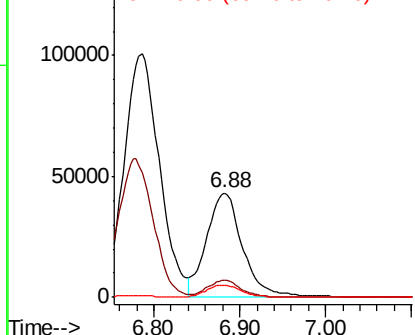
#37
Ethyl Acetate
Concen: 57.681 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 124074
Ion Ratio Lower Upper
43 100
61 15.2 13.0 19.4
70 11.7 9.4 14.2

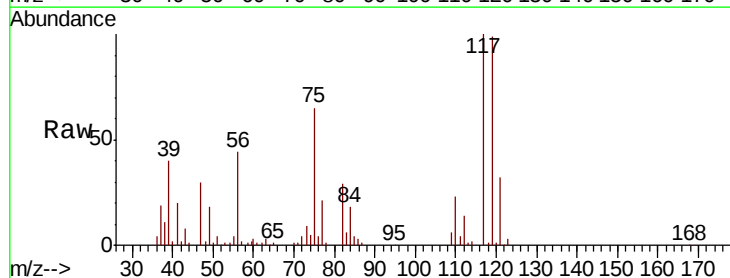


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

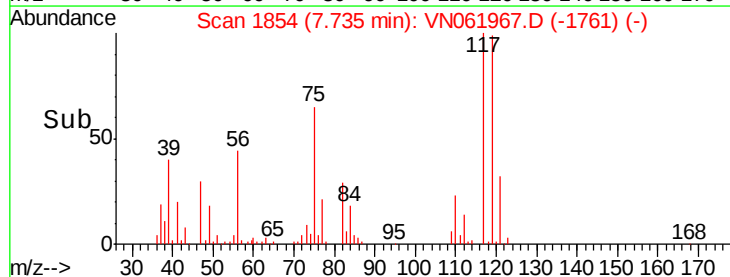
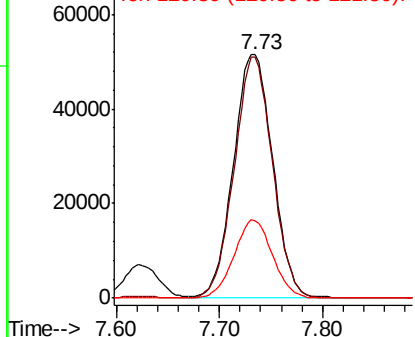


#38
Carbon Tetrachloride
Concen: 50.171 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 117 Resp: 136856
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.6
121 31.9 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

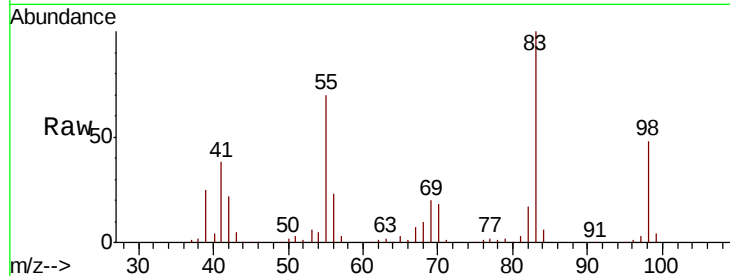




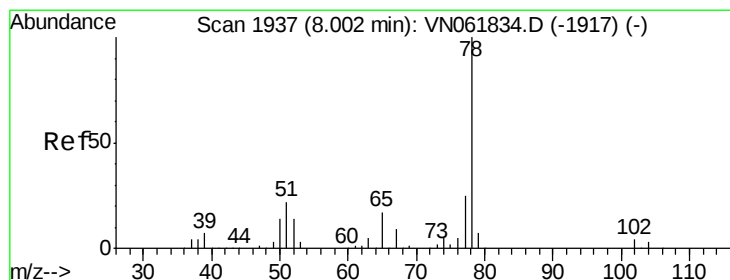
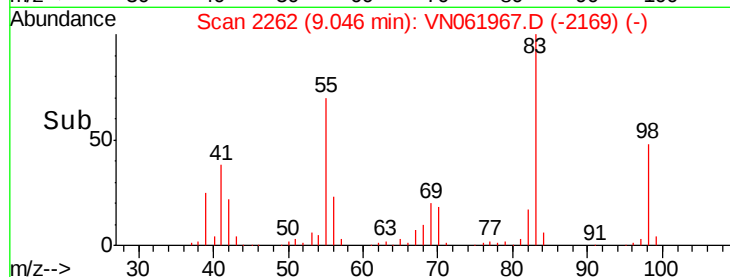
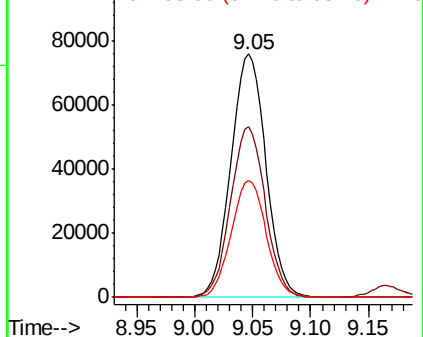
#39
Methvlcvclohexane
Concen: 53.584 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 158934
Ion Ratio Lower Upper
83 100
55 70.1 54.2 81.4
98 48.1 39.8 59.6

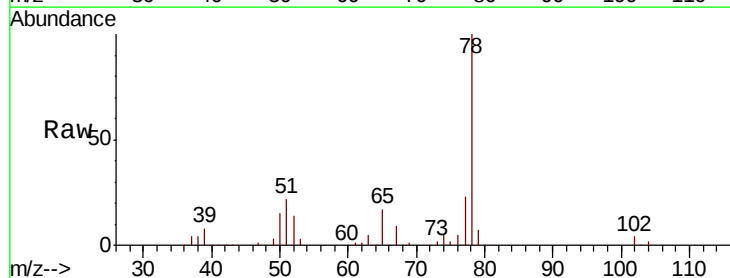


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

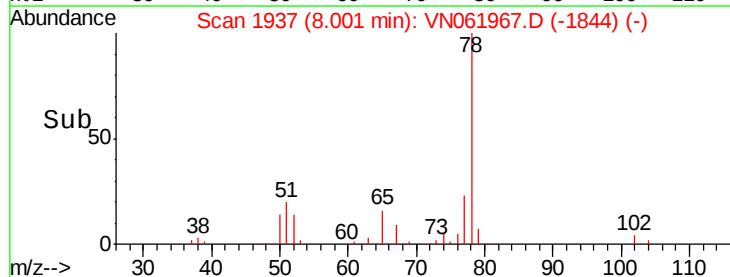
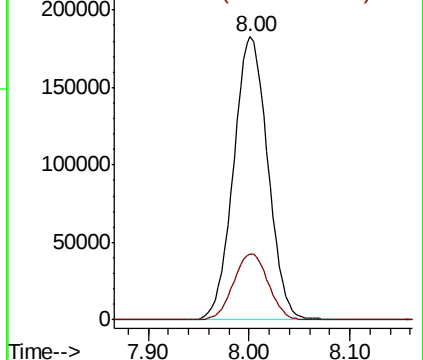


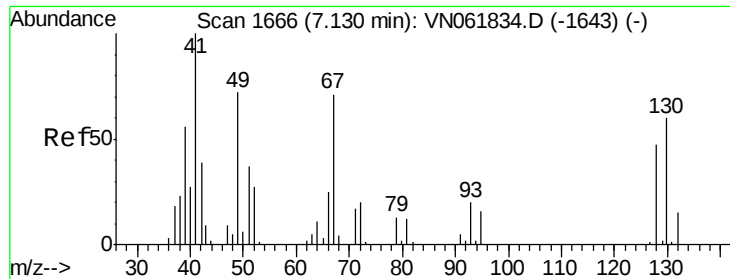
#40
Benzene
Concen: 51.594 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 78 Resp: 430509
Ion Ratio Lower Upper
78 100
77 23.4 19.7 29.5



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

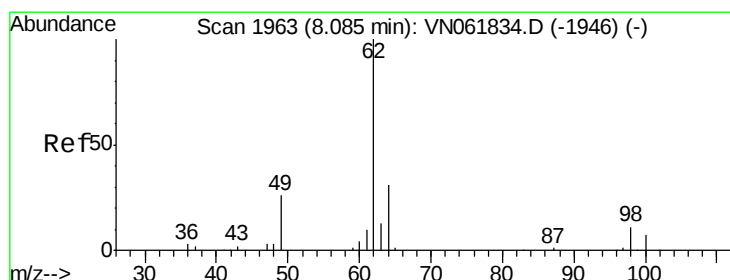
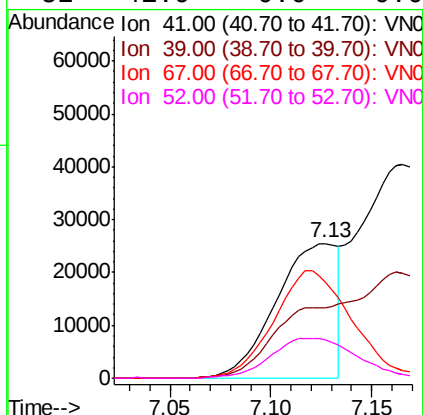
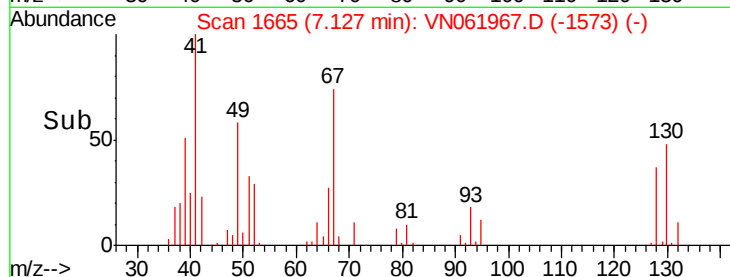
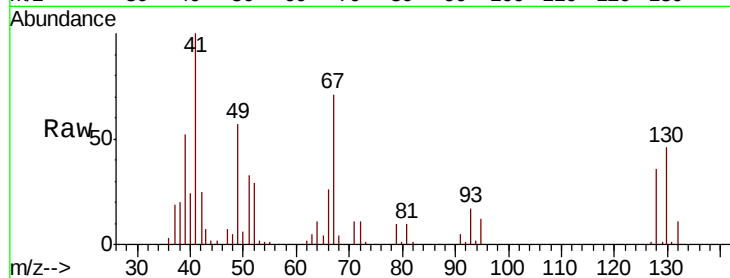




#41
Methacrylonitrile
Concen: 58.831 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

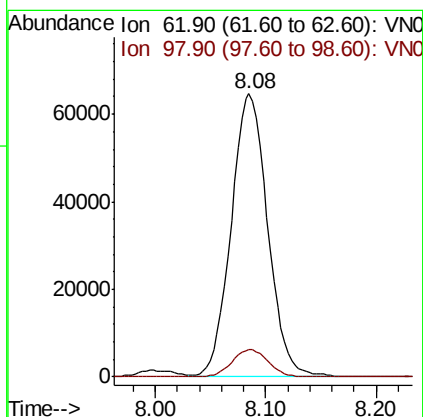
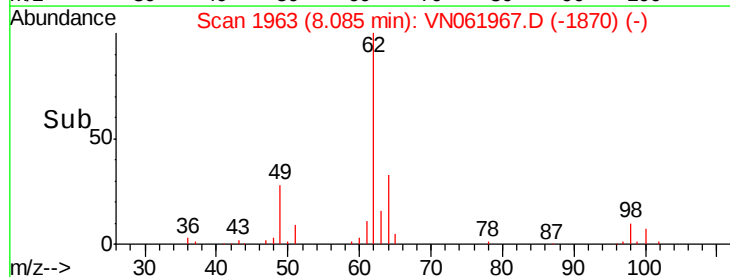
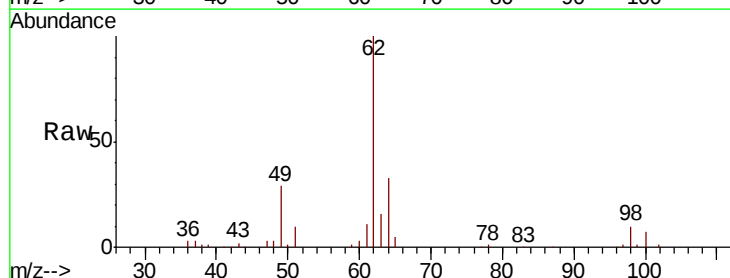
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

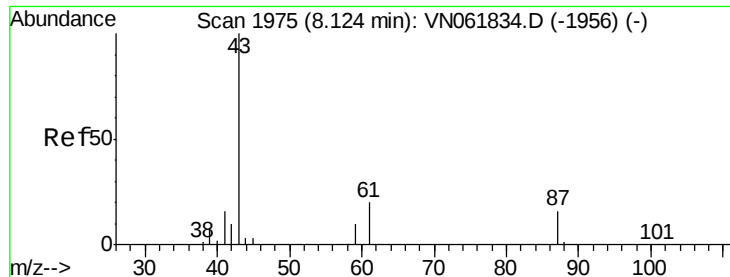
Tot Ion: 41 Resp: 54114
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 101.7 0.0 0.0#
52 41.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 51.869 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 62 Resp: 147574
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4





#43

Isopropyl Acetate

Concen: 58.347 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

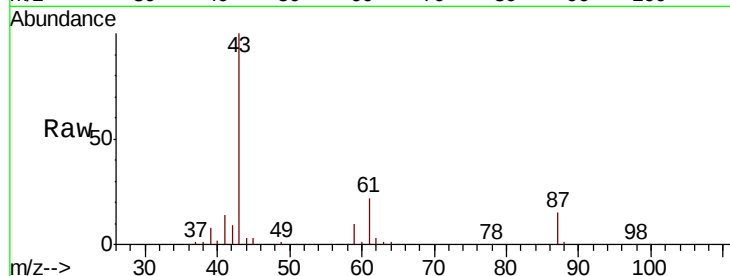
Tot Ion: 43 Resp: 211508

Ion Ratio Lower Upper

43 100

61 28.7 24.0 36.0

87 15.0 12.5 18.7

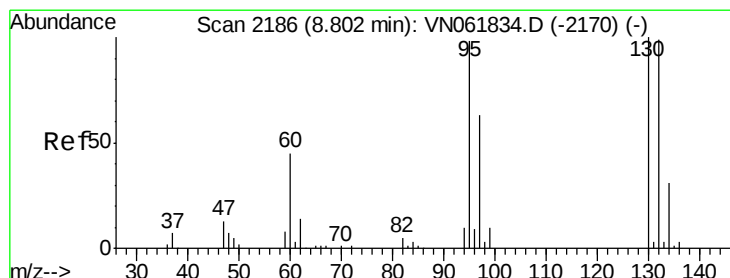
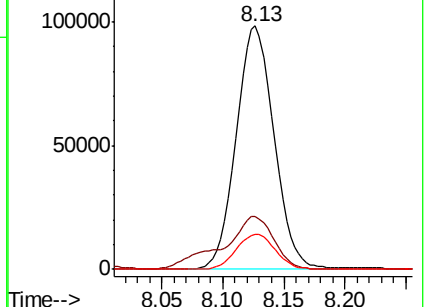
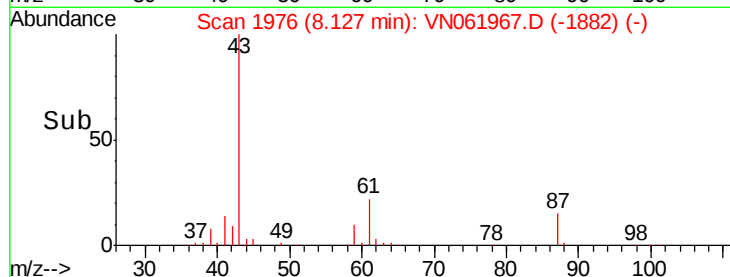


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)

8.13



#44

Trichloroethene

Concen: 49.971 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061967.D

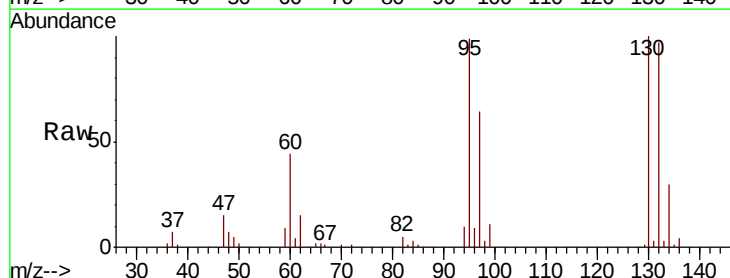
Acq: 19 Jun 2020 21:12

Tgt Ion:130 Resp: 109735

Ion Ratio Lower Upper

130 100

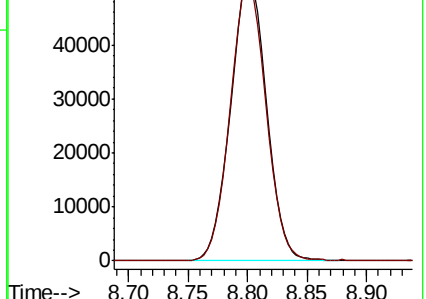
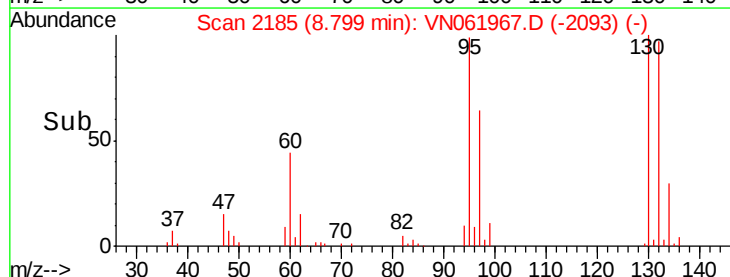
95 99.1 0.0 195.6

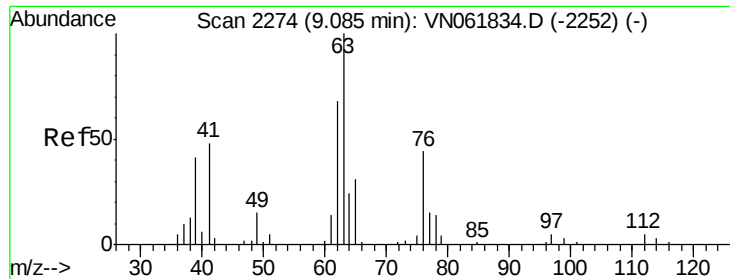


Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80

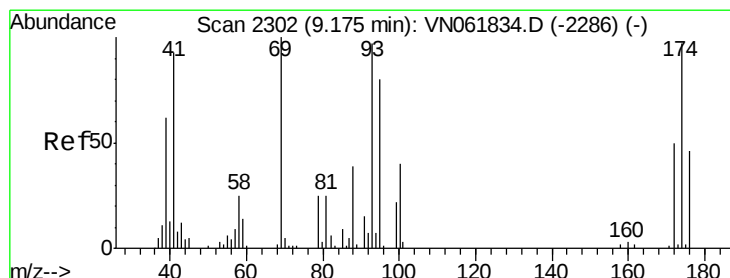
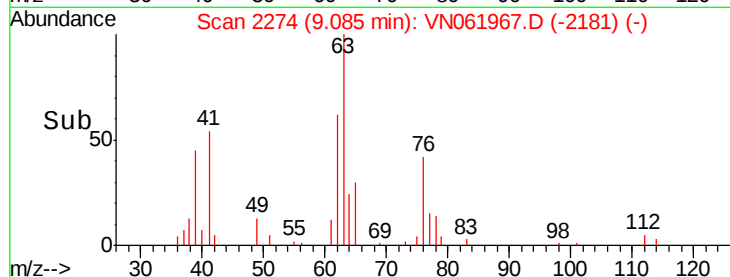
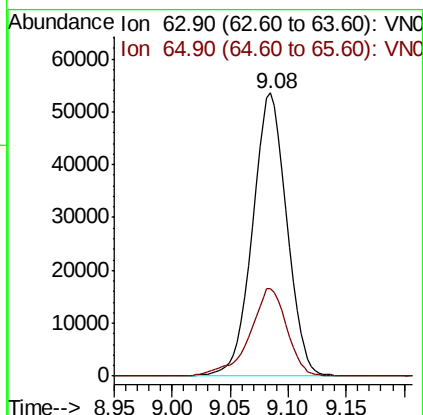
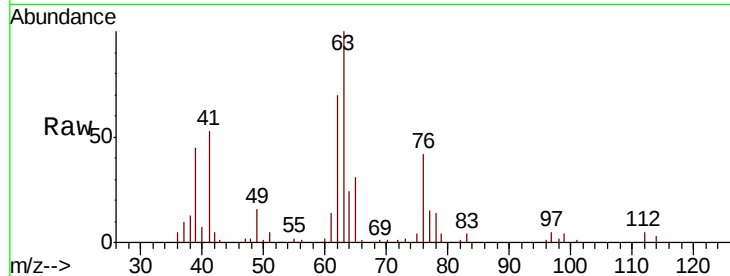




#45
 1,2-Dichloropropane
 Concen: 53.799 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

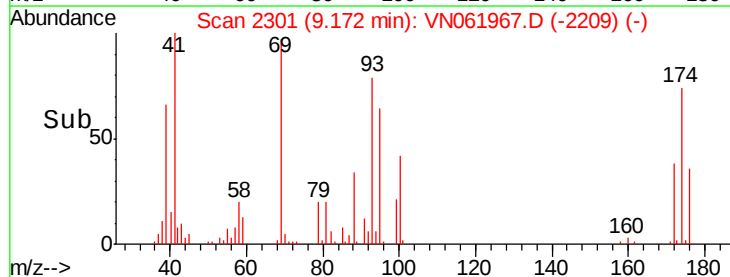
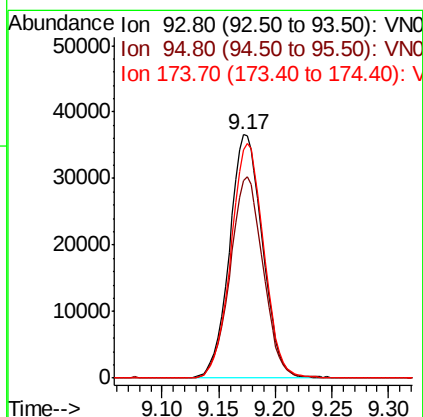
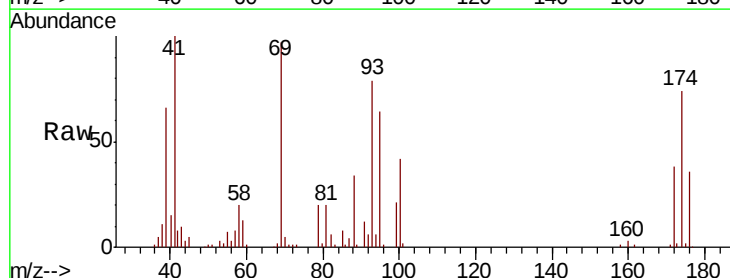
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 110321
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#46
 Dibromomethane
 Concen: 51.622 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 93 Resp: 74542
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.6
 174 95.7 78.5 117.7

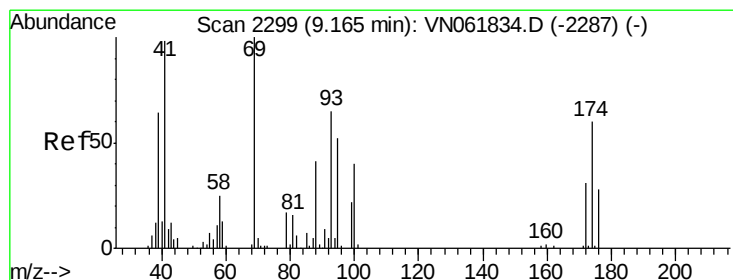
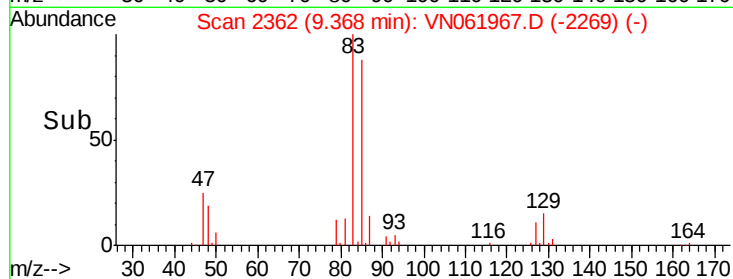
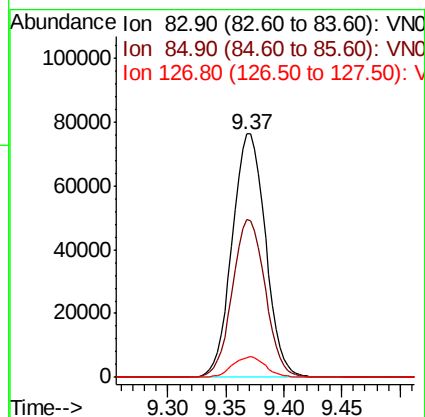
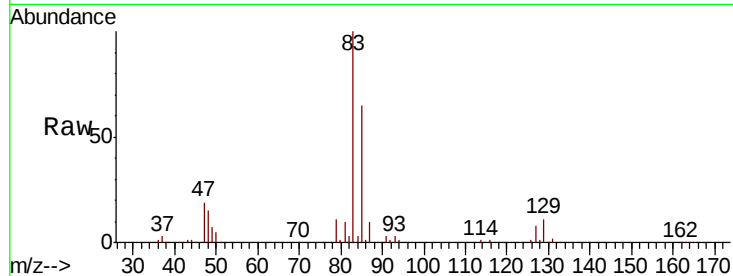




#47
 Bromodichloromethane
 Concen: 51.595 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

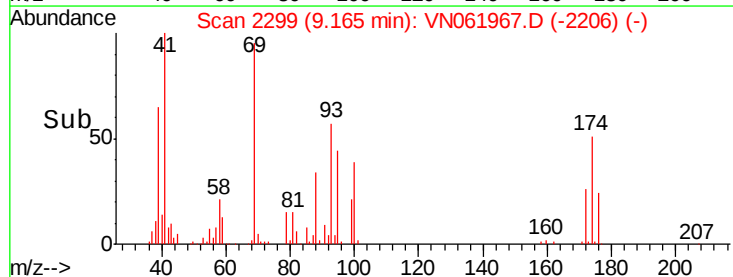
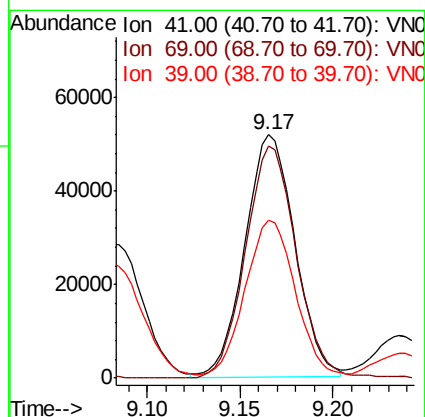
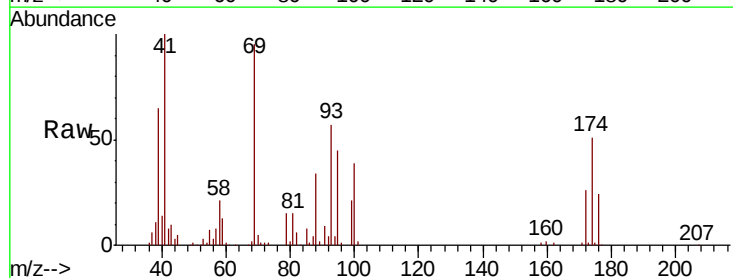
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

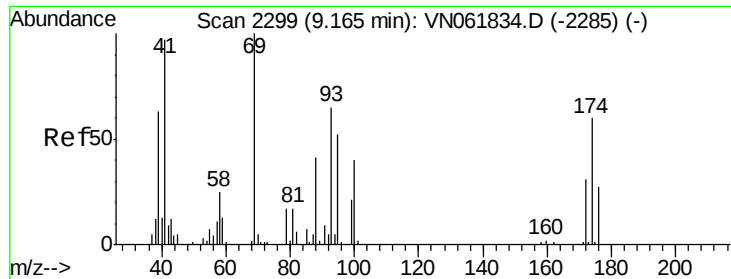
Tot Ion: 83 Resp: 152558
 Ion Ratio Lower Upper
 83 100
 85 64.8 50.8 76.2
 127 8.2 7.0 10.4



#48
 Methyl methacrylate
 Concen: 58.815 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 41 Resp: 96957
 Ion Ratio Lower Upper
 41 100
 69 97.5 83.0 124.4
 39 65.9 55.1 82.7

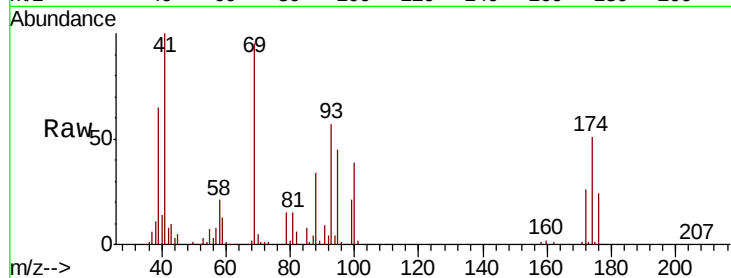




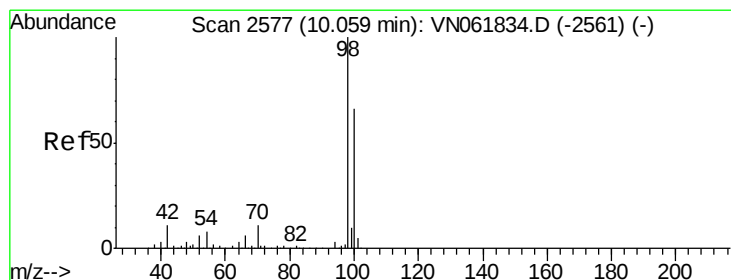
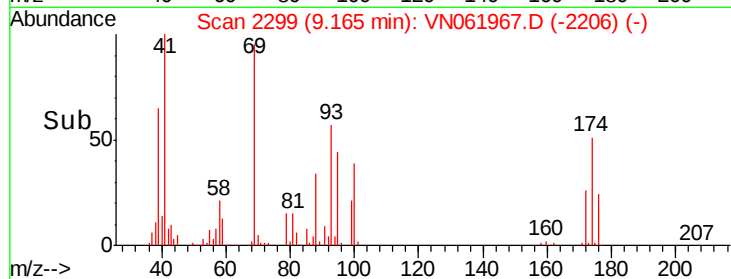
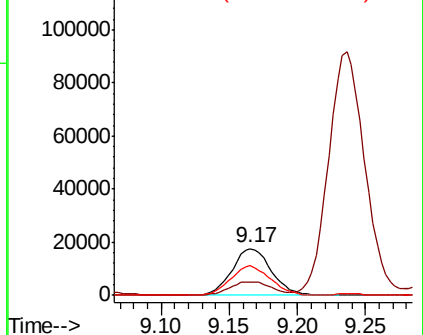
#49
1,4-Dioxane
Concen: 936.635 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 35450
Ion Ratio Lower Upper
88 100
43 28.9 23.4 35.2
58 63.3 49.8 74.6

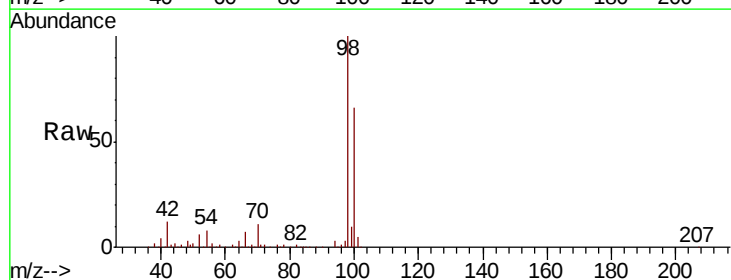


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

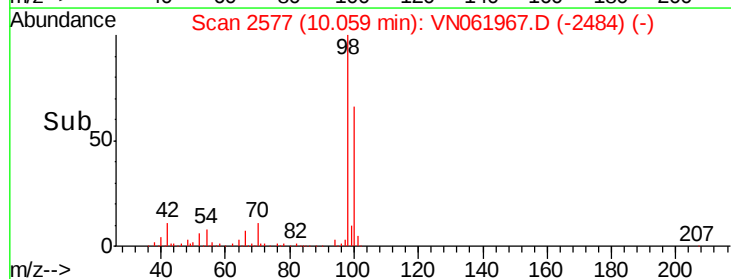
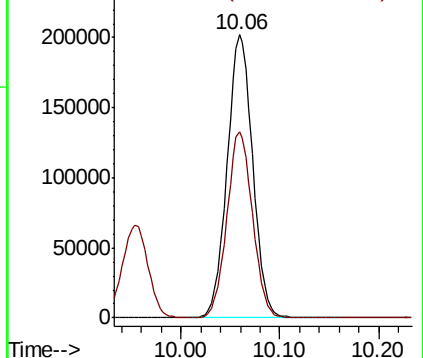


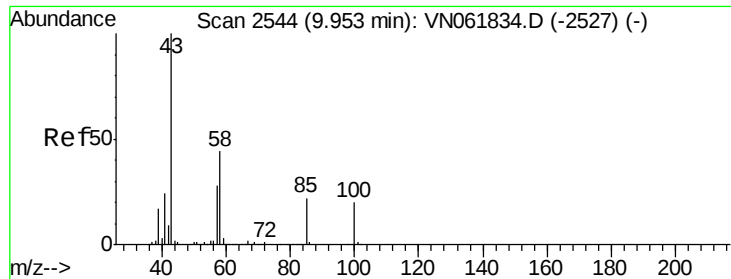
#50
Toluene-d8
Concen: 48.278 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 98 Resp: 366698
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



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

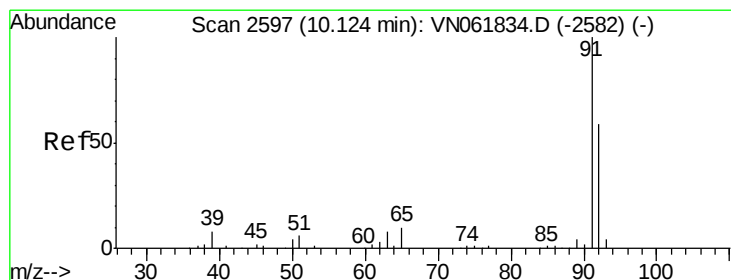
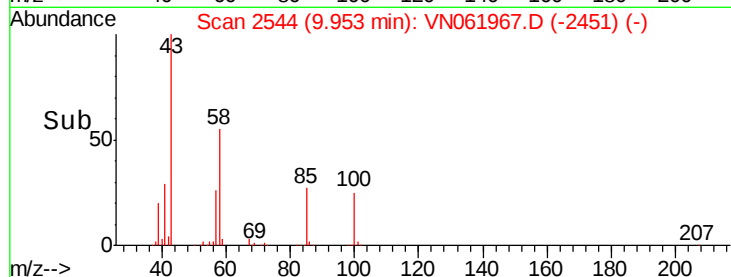
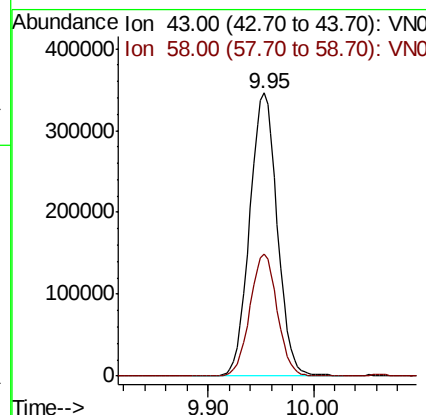
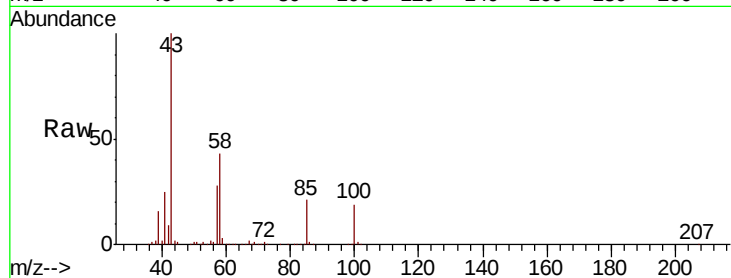




#51
 4-Methyl-2-Pentanone
 Concen: 293.581 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

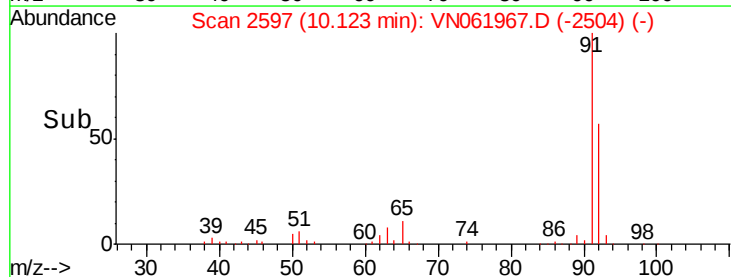
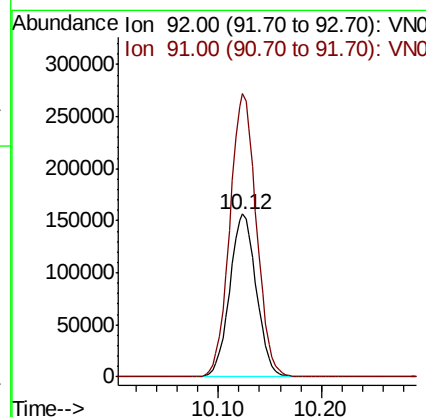
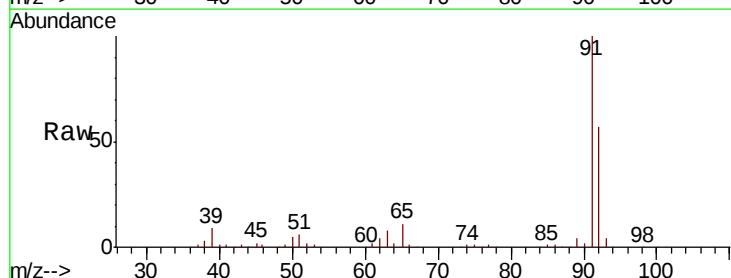
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

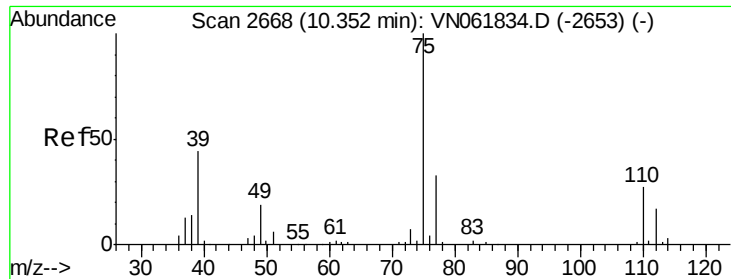
Tot Ion: 43 Resp: 628896
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.6 52.0



#52
 Toluene
 Concen: 53.665 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 92 Resp: 281226
 Ion Ratio Lower Upper
 92 100
 91 173.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 53.762 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

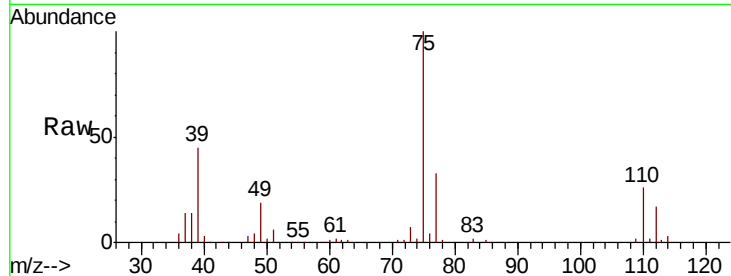
VSTDCCC050EC

Tot Ion: 75 Resp: 168754

Ion Ratio Lower Upper

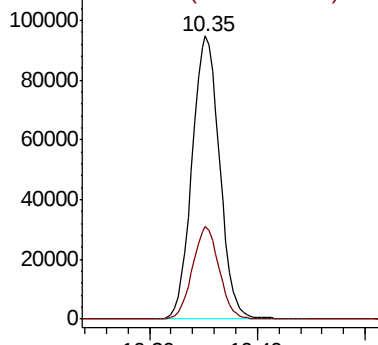
75 100

77 32.6 26.3 39.5

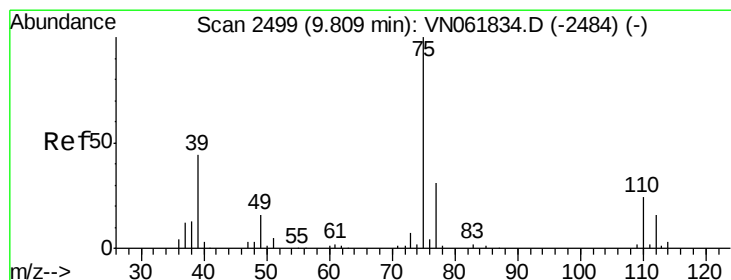
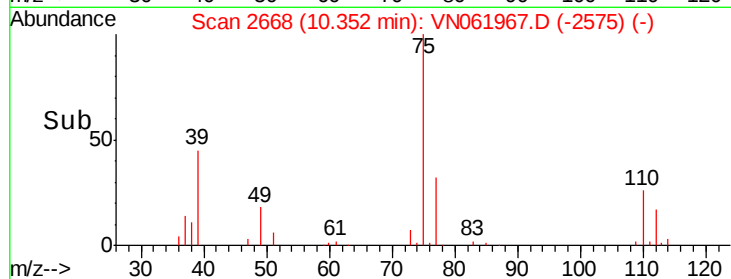


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.524 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

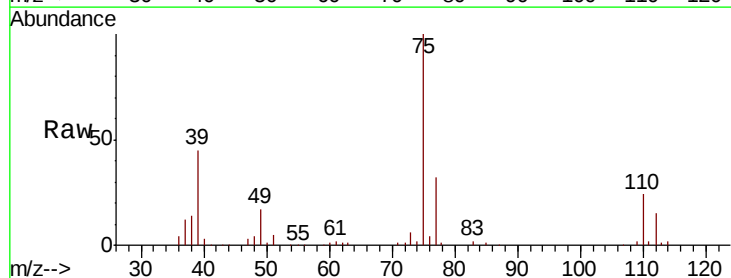
Tgt Ion: 75 Resp: 182483

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

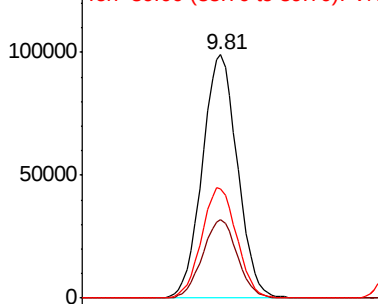
39 45.1 35.4 53.0



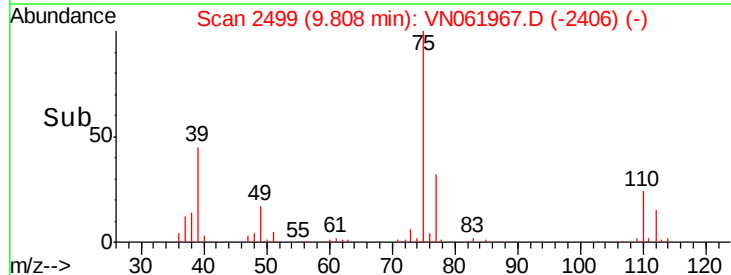
Abundance Ion 74.90 (74.60 to 75.60): VN0

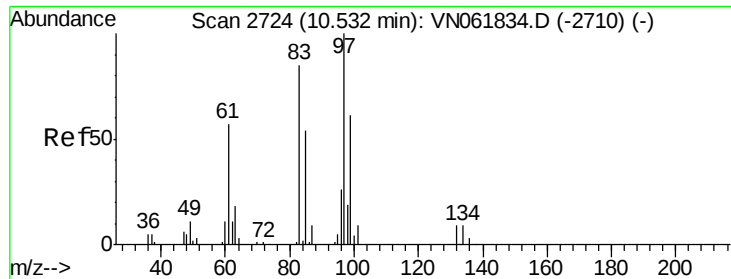
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#55

1,1,2-Trichloroethane

Concen: 54.150 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 111649

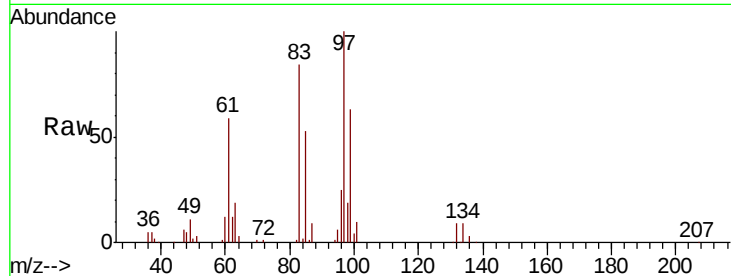
Ion Ratio Lower Upper

97 100

83 84.5 67.7 101.5

85 52.8 43.4 65.0

99 62.6 48.8 73.2

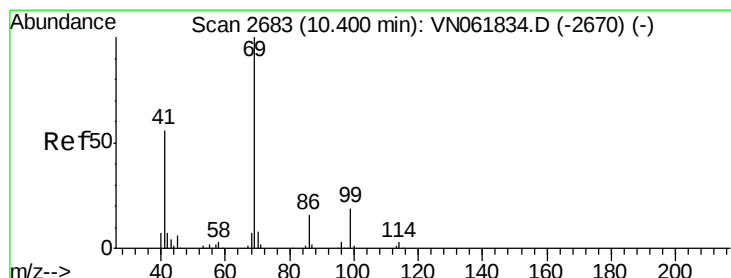
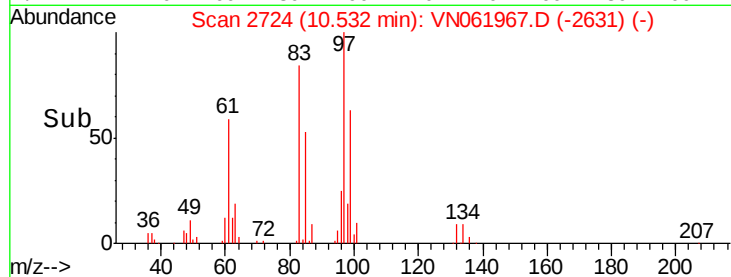
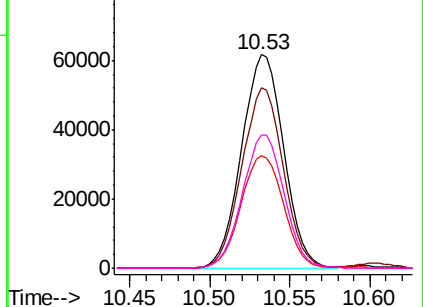


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 50.813 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

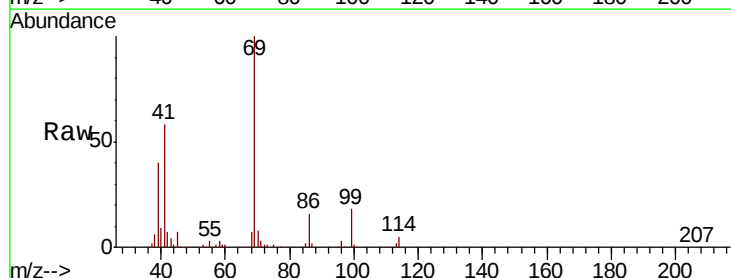
Tgt Ion: 69 Resp: 160188

Ion Ratio Lower Upper

69 100

41 60.0 44.9 67.3

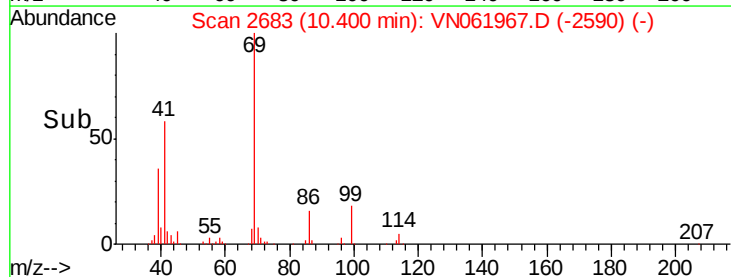
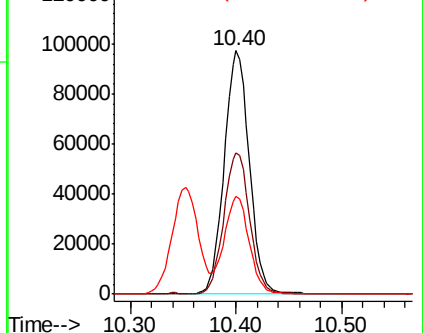
39 39.0 30.0 45.0

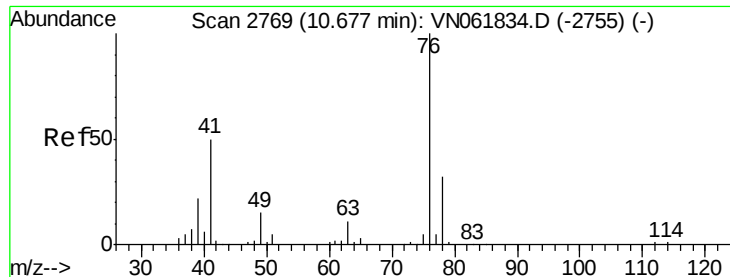


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

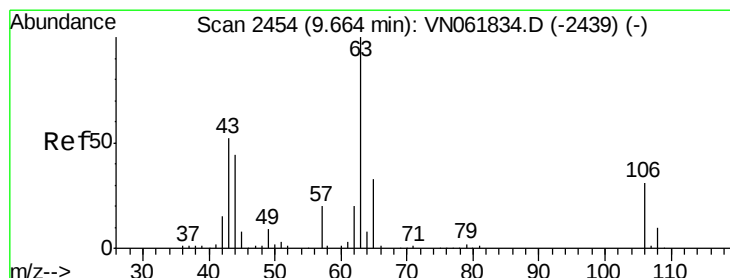
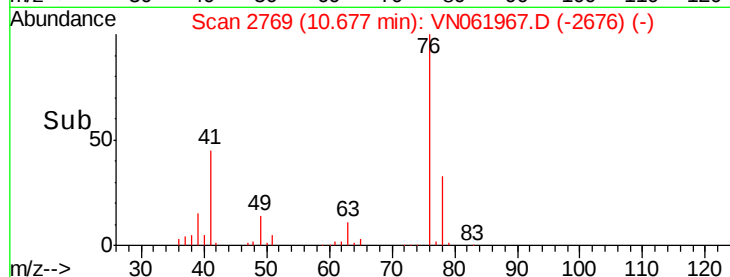
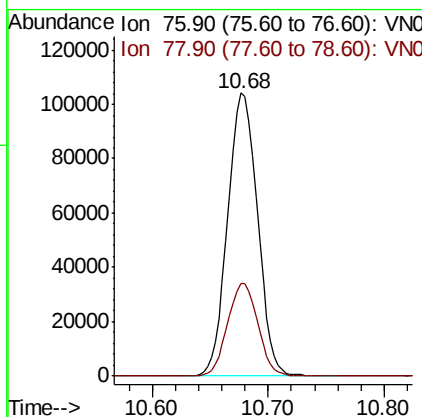
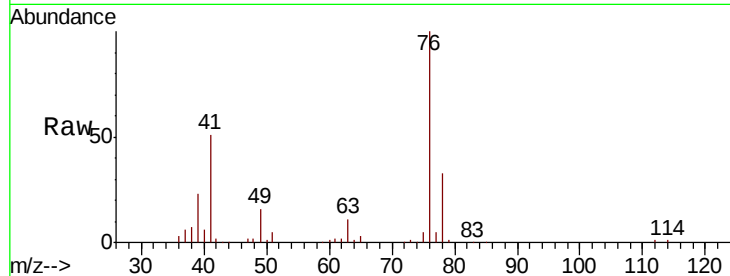




#57
 1,3-Dichloropropane
 Concen: 53.133 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

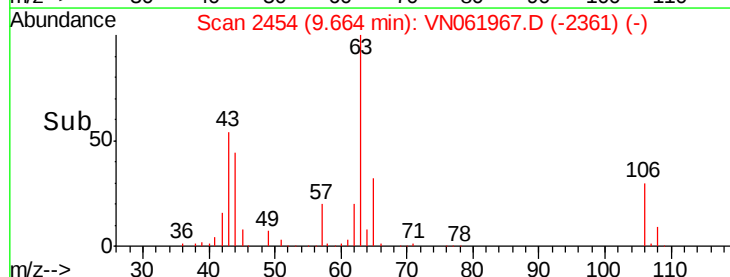
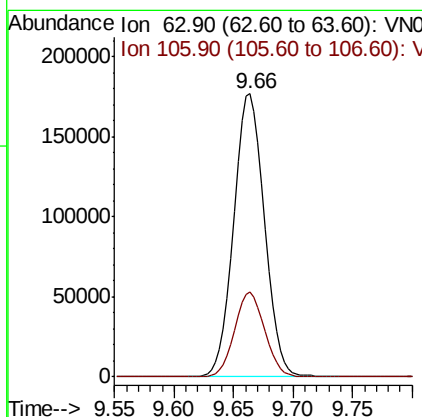
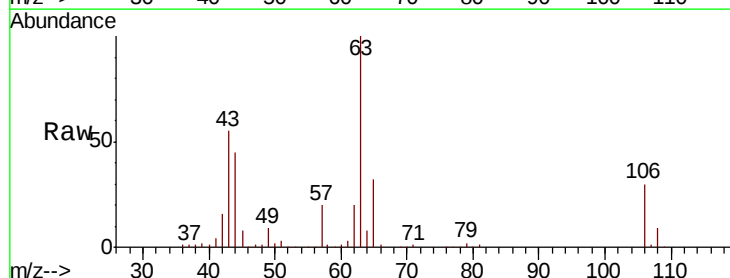
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

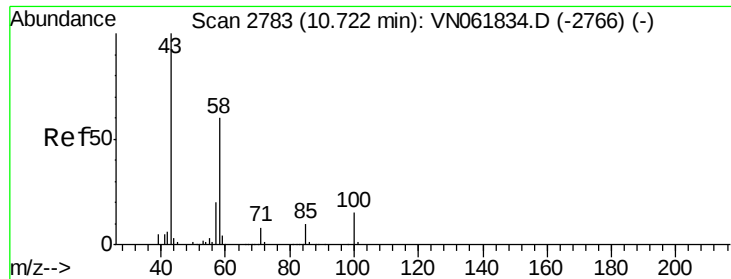
Tot Ion: 76 Resp: 185596
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.951 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 63 Resp: 317691
 Ion Ratio Lower Upper
 63 100
 106 29.3 24.6 36.8

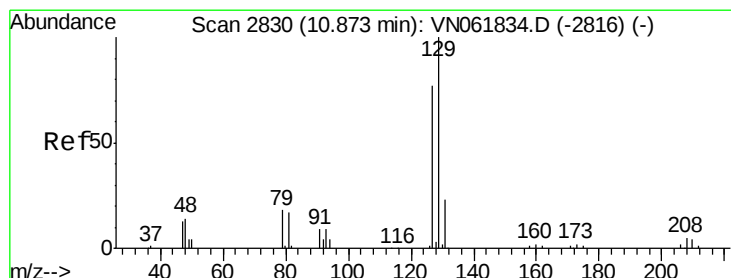
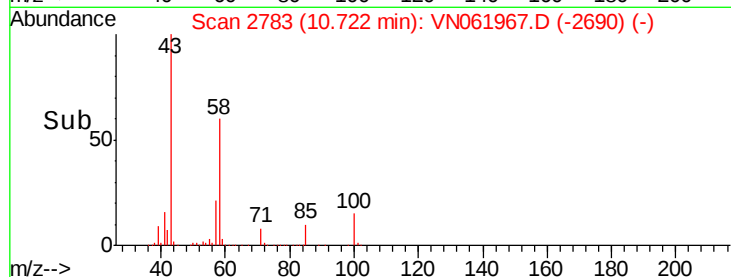
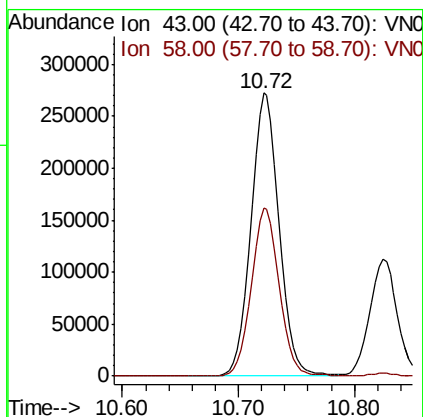
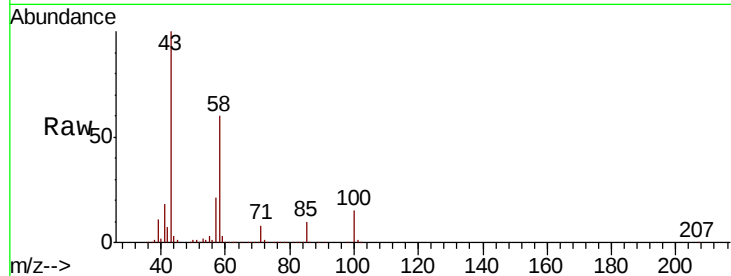




#59
2-Hexanone
Concen: 268.042 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

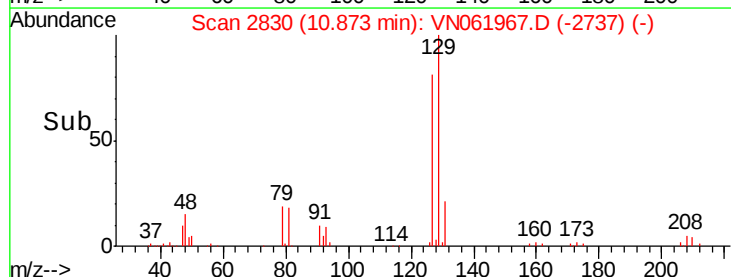
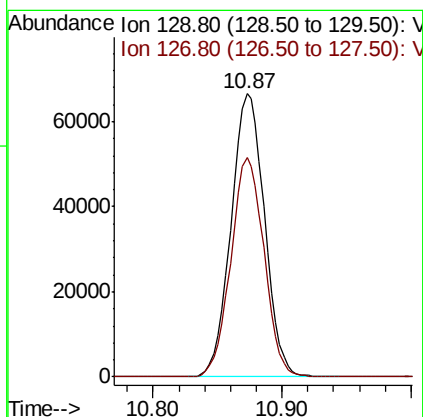
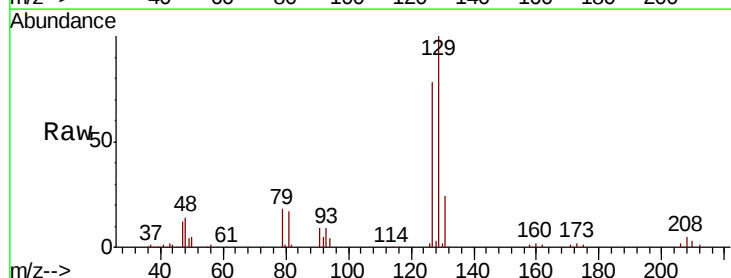
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 460474
Ion Ratio Lower Upper
43 100
58 59.1 30.1 90.5



#60
Dibromochloromethane
Concen: 52.120 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 129 Resp: 119911
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

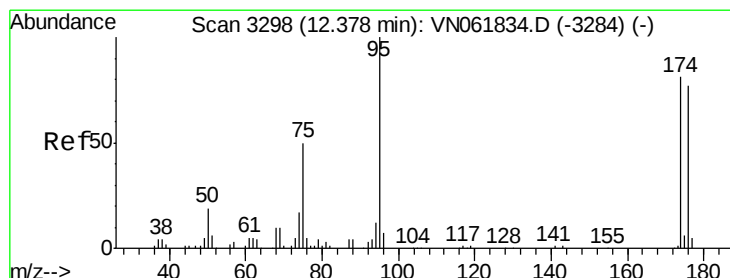
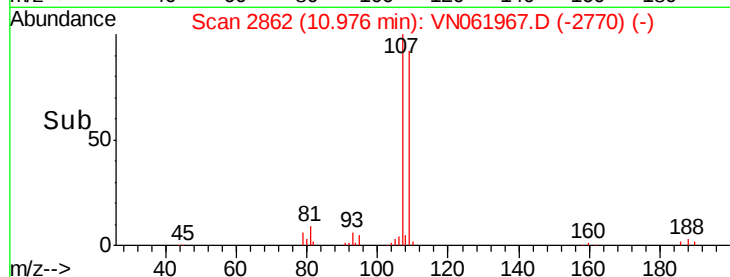
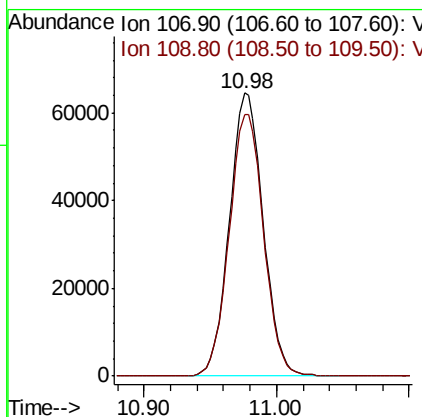
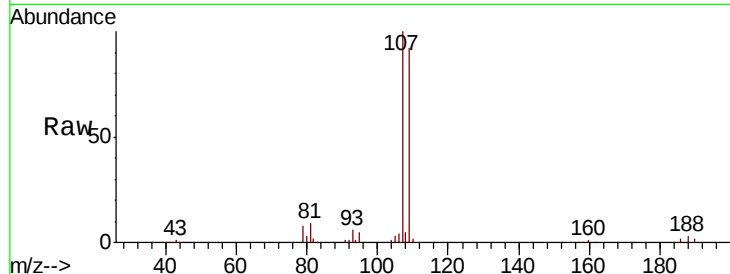




#61
 1,2-Dibromoethane
 Concen: 52.892 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

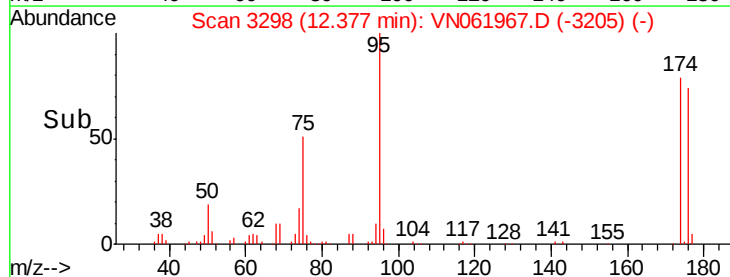
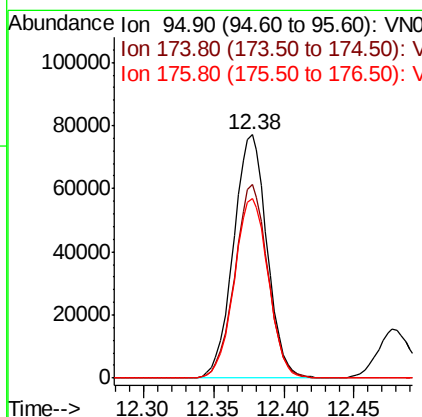
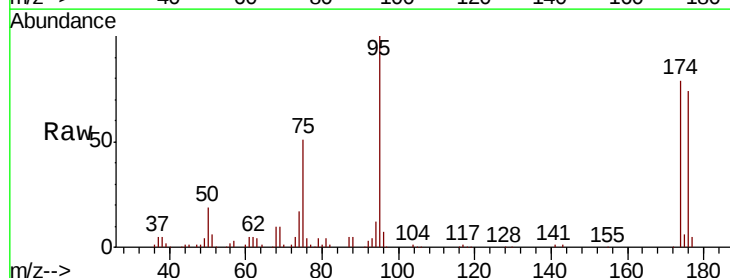
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

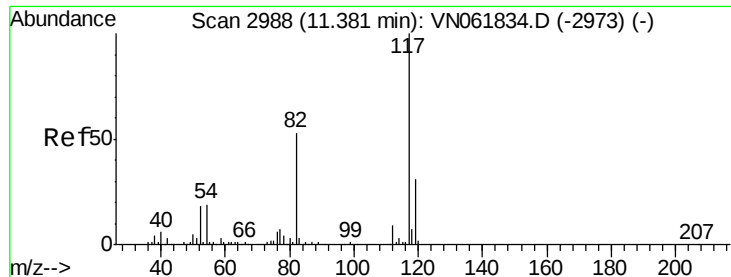
Tot Ion: 107 Resp: 113874
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.303 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 95 Resp: 128454
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 158.6
 176 74.9 0.0 152.0

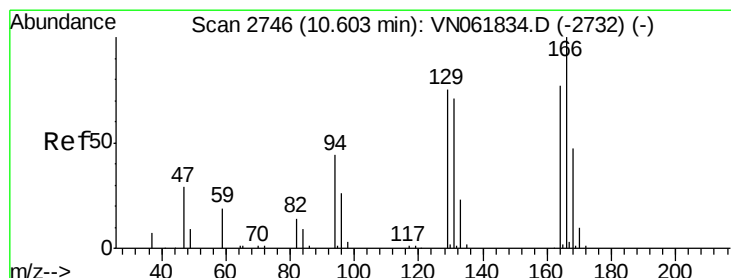
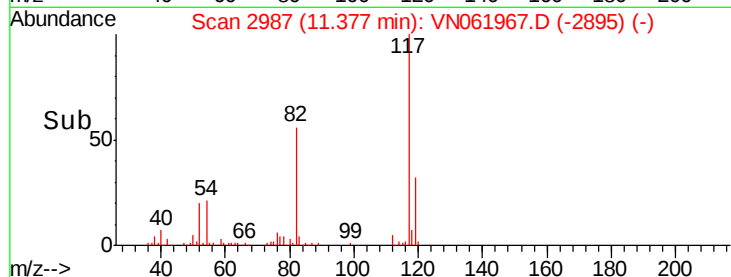
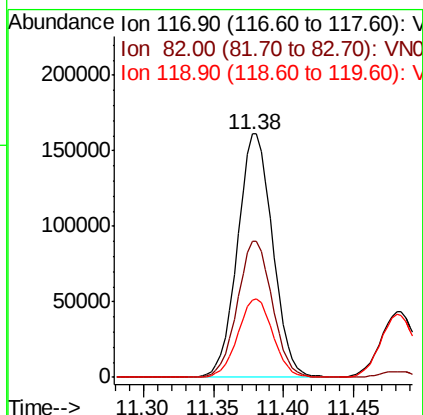
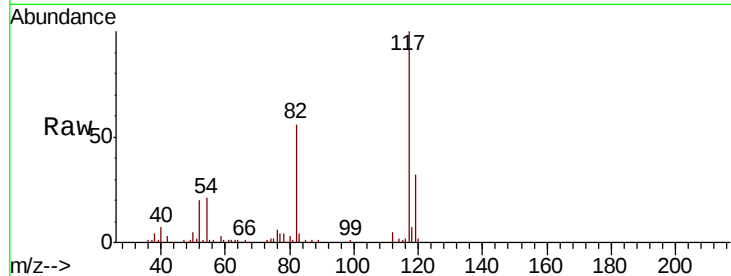




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

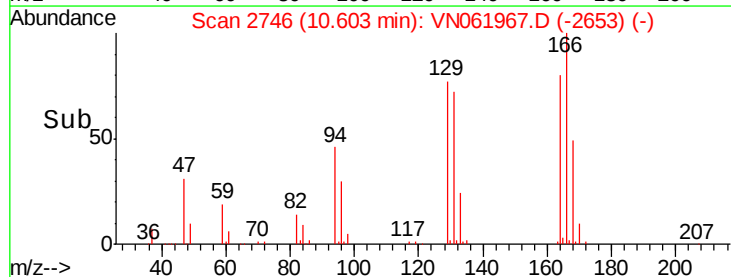
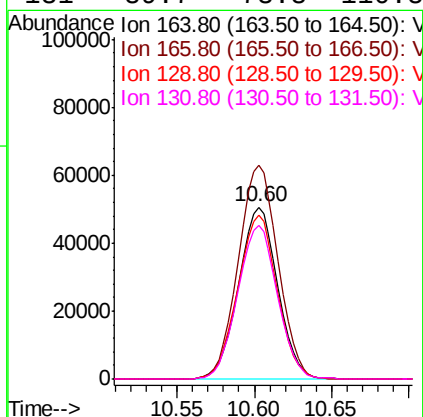
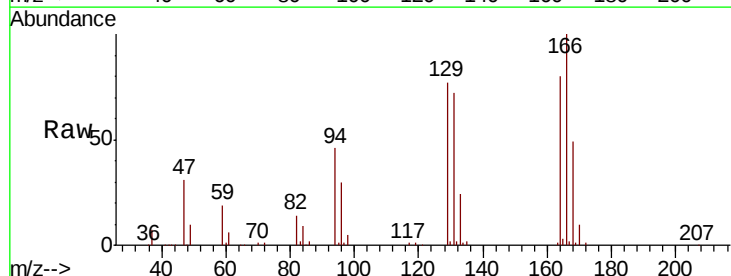
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

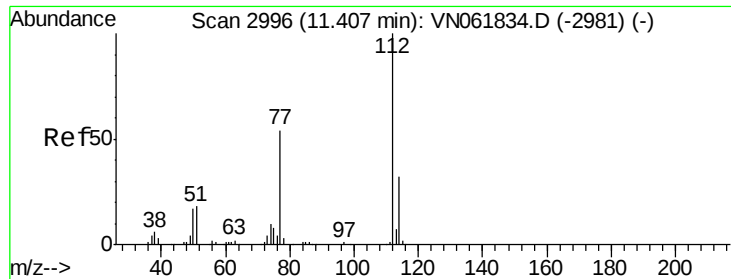
Tot Ion:117 Resp: 281700
Ion Ratio Lower Upper
117 100
82 55.7 42.6 64.0
119 31.8 24.7 37.1



#64
Tetrachloroethene
Concen: 49.381 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion:164 Resp: 88661
Ion Ratio Lower Upper
164 100
166 124.3 103.5 155.3
129 95.5 77.5 116.3
131 89.7 73.8 110.8

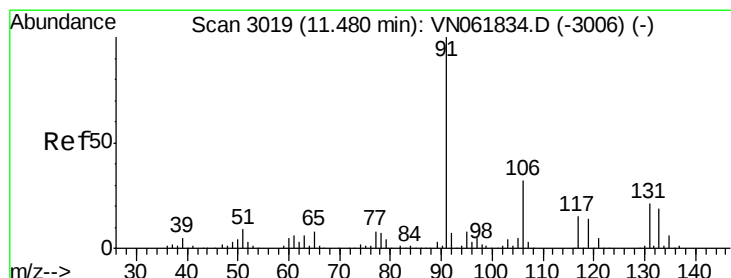
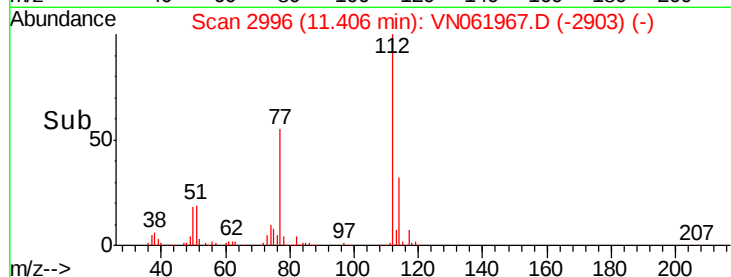
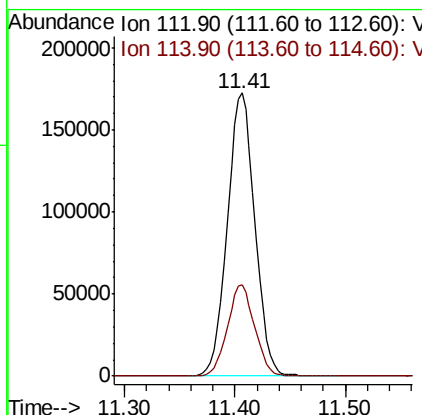
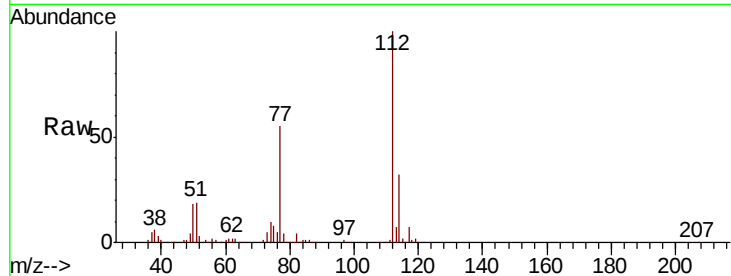




#65
Chlorobenzene
Concen: 50.103 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

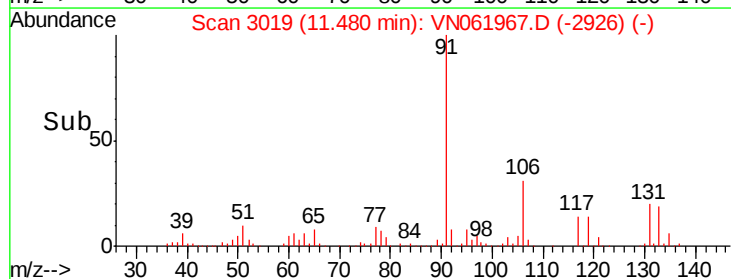
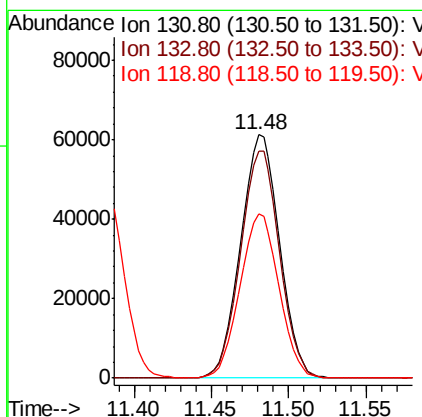
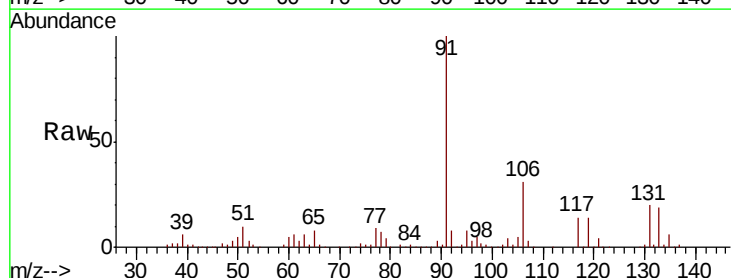
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 297818
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.742 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion:131 Resp: 107266
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.5
119 67.4 34.0 101.8

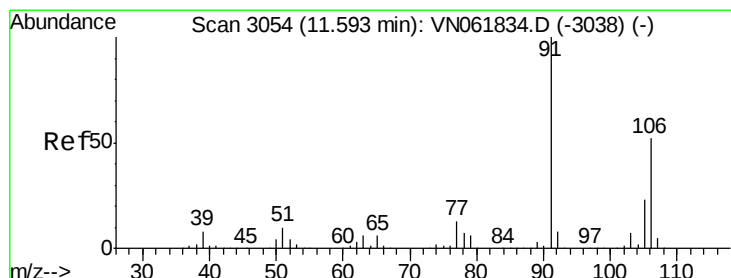
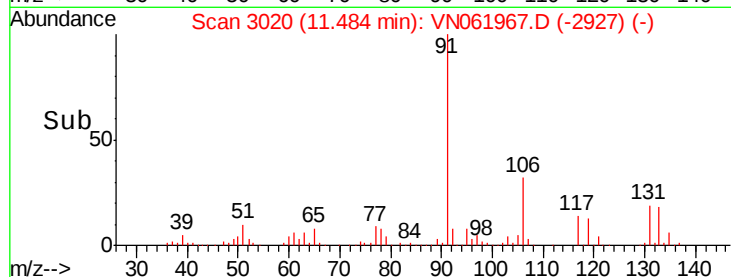
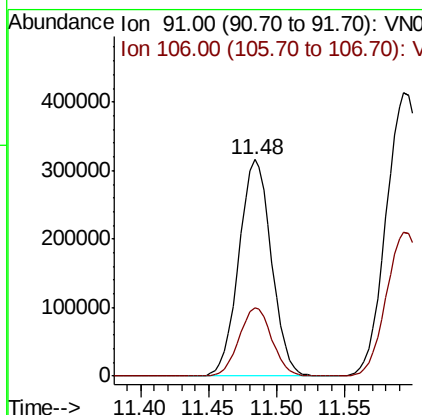
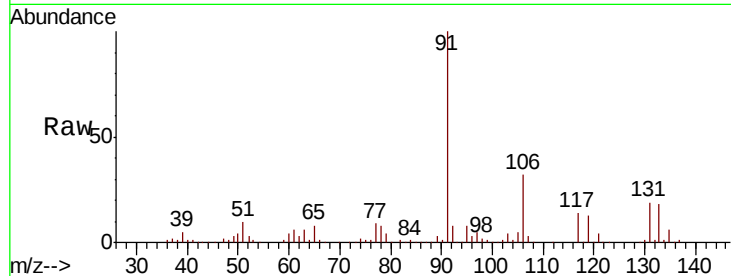




#67
Ethyl Benzene
Concen: 52.663 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

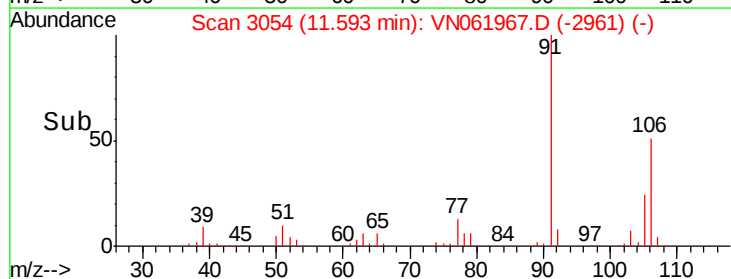
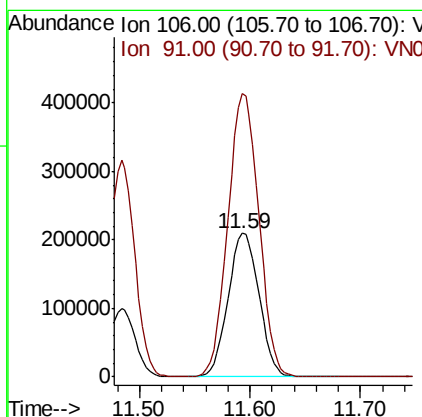
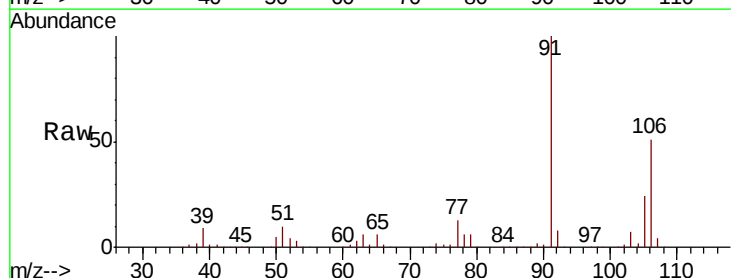
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

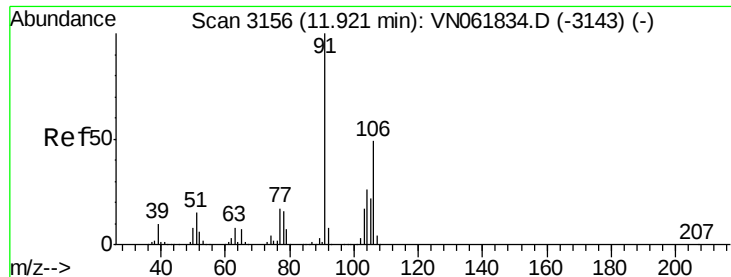
Tot Ion: 91 Resp: 524849
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 106.370 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 106 Resp: 408774
Ion Ratio Lower Upper
106 100
91 196.8 157.0 235.6

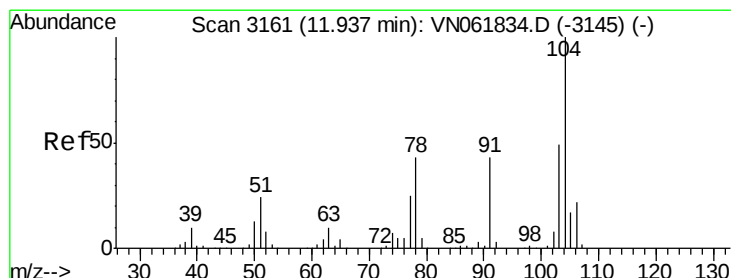
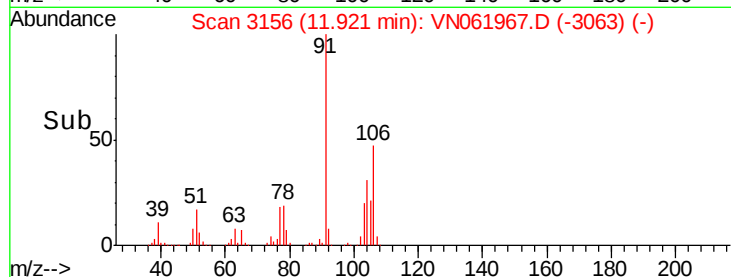
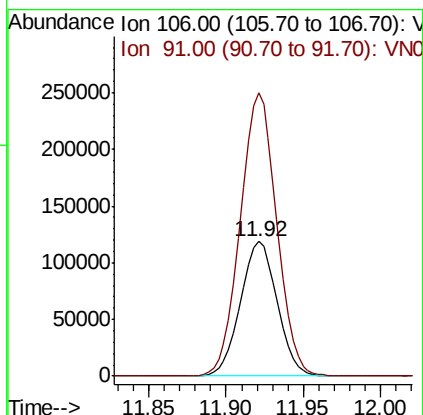
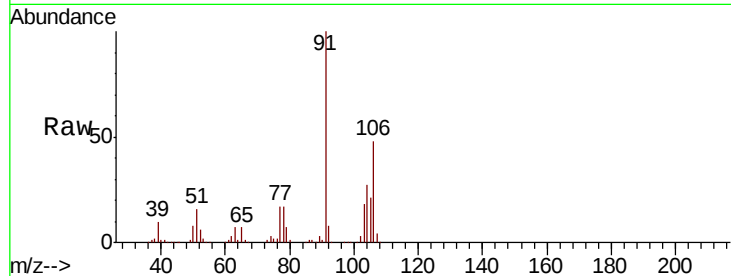




#69
o-Xylene
Concen: 53.357 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

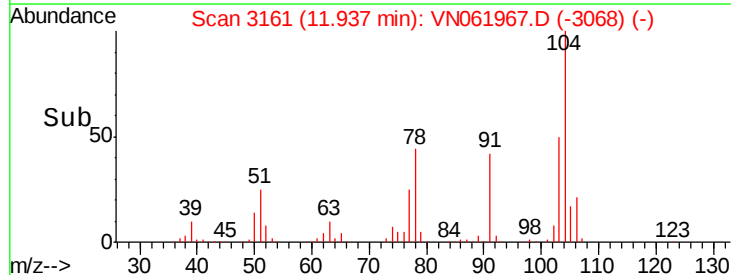
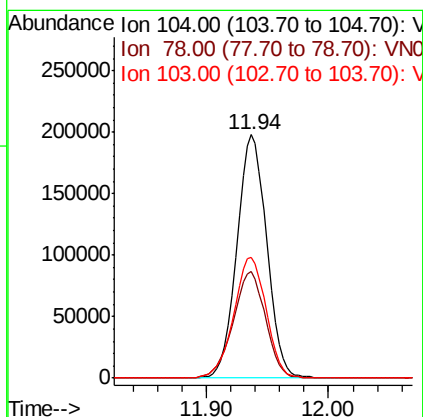
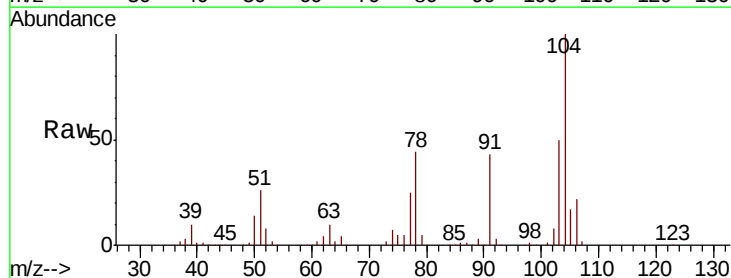
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

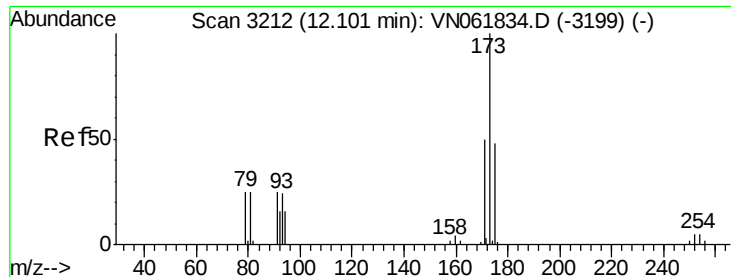
Tot Ion:106 Resp: 195647
Ion Ratio Lower Upper
106 100
91 209.3 103.0 308.9



#70
Styrene
Concen: 54.309 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion:104 Resp: 333432
Ion Ratio Lower Upper
104 100
78 47.7 37.6 56.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 53.483 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

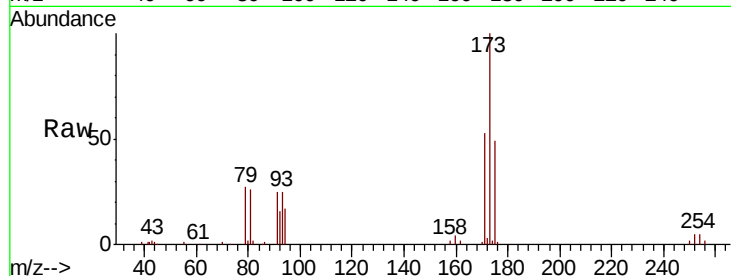
Tot Ion:173 Resp: 80844

Ion Ratio Lower Upper

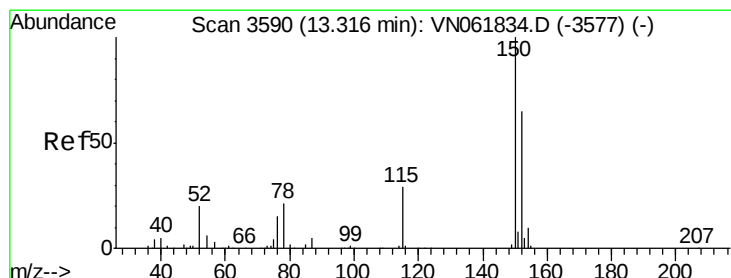
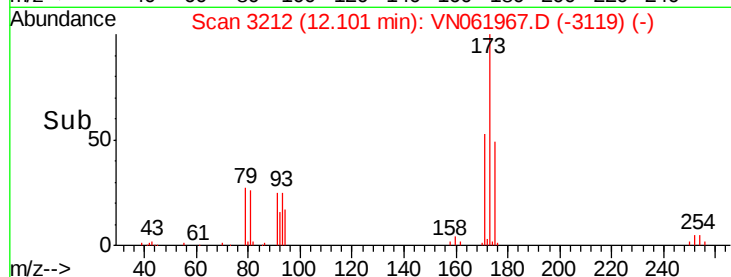
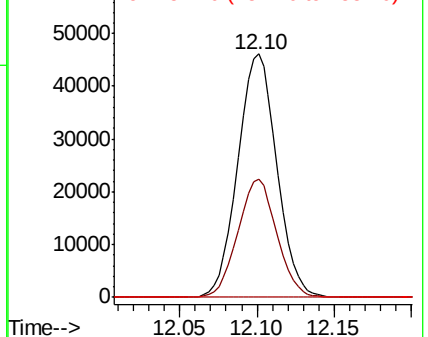
173 100

175 48.3 23.9 71.7

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

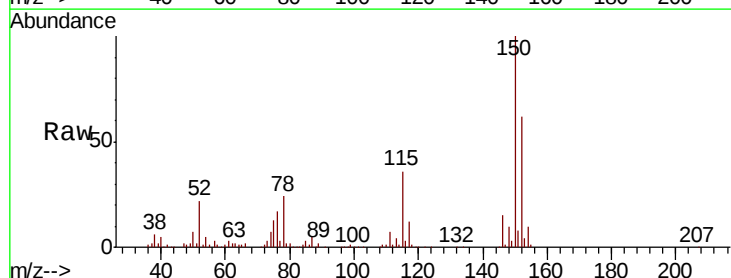
Tgt Ion:152 Resp: 136991

Ion Ratio Lower Upper

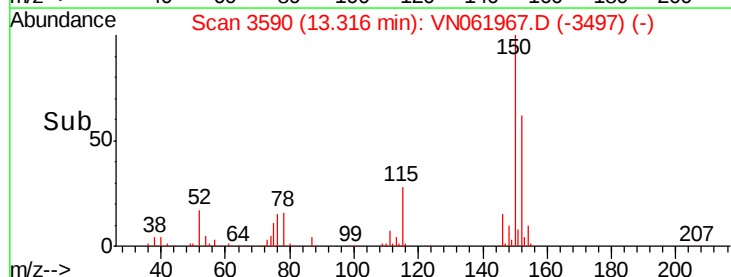
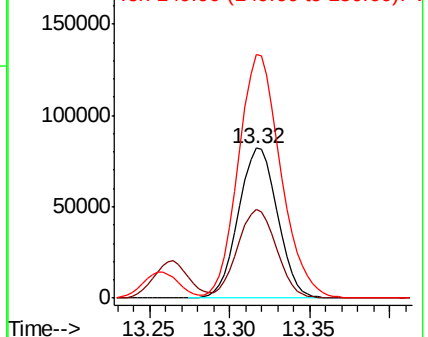
152 100

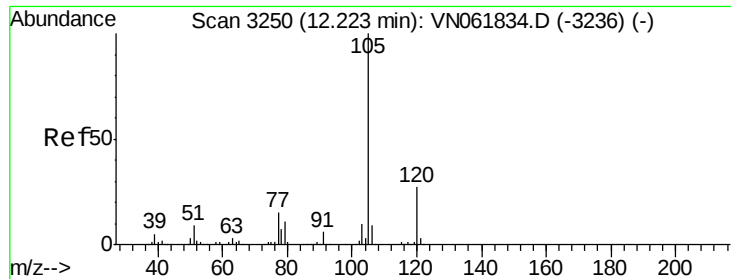
115 59.0 29.1 87.3

150 176.5 0.0 347.6



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: 52.830 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

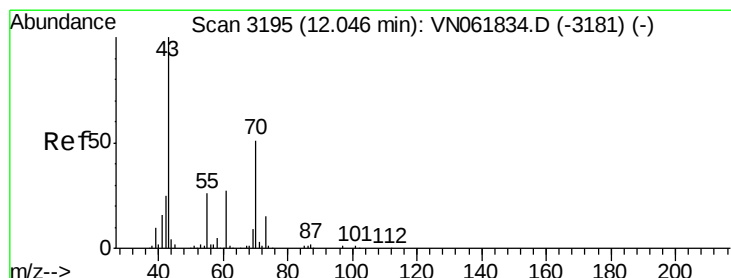
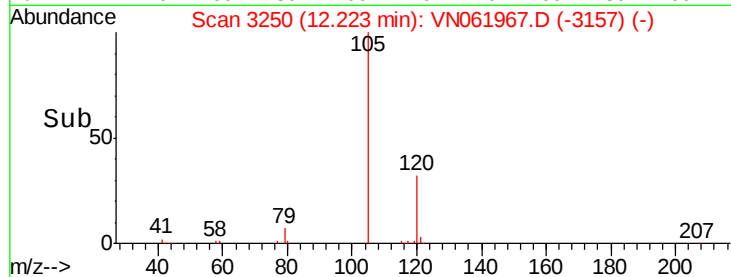
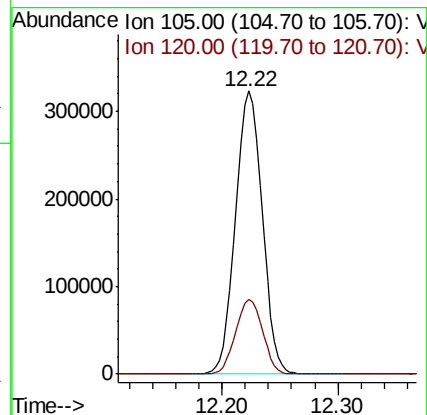
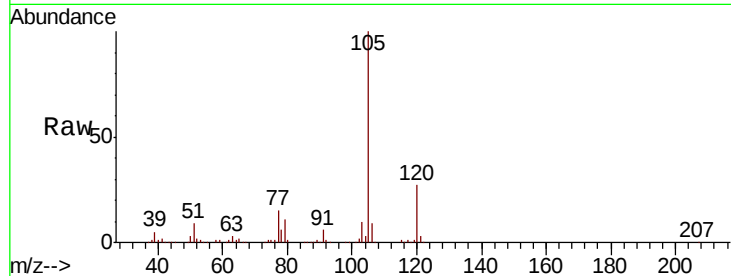
VSTDCCC050EC

Tot Ion:105 Resp: 514289

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 54.743 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Tgt Ion: 43 Resp: 194080

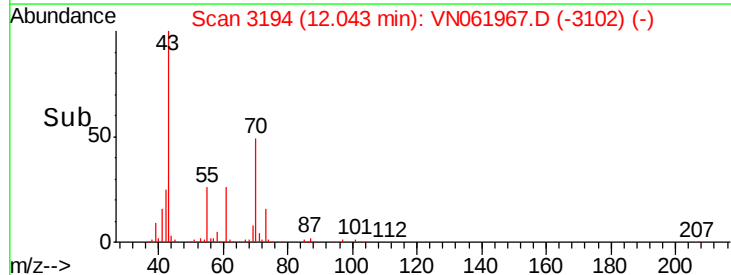
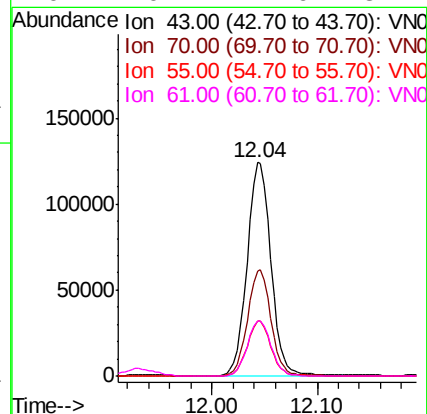
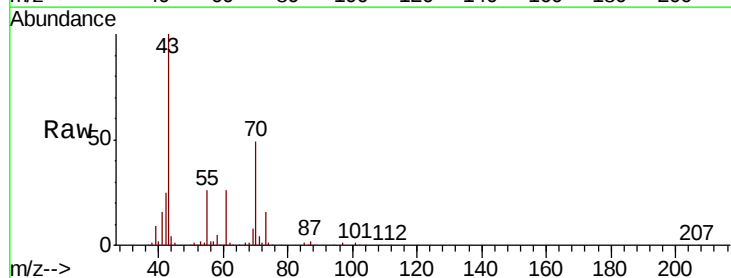
Ion Ratio Lower Upper

43 100

70 49.2 40.6 60.8

55 25.8 21.5 32.3

61 26.1 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.821 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

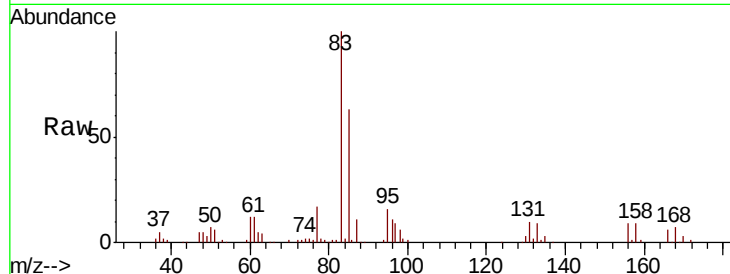
Tot Ion: 83 Resp: 167177

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

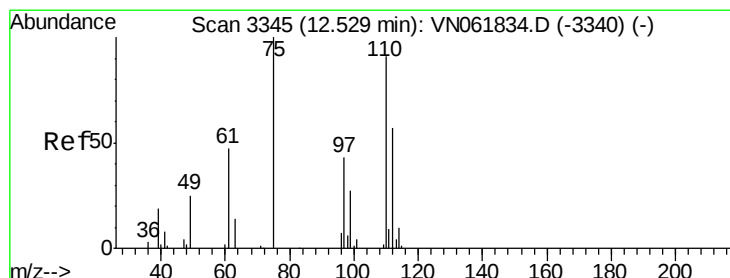
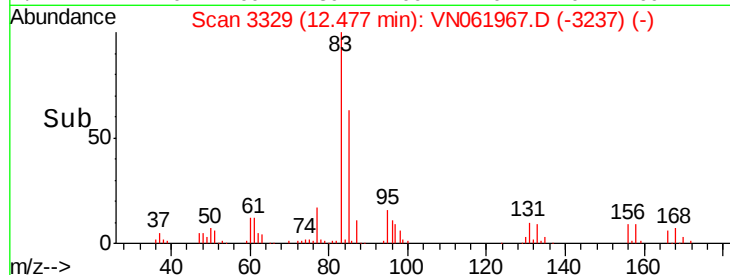
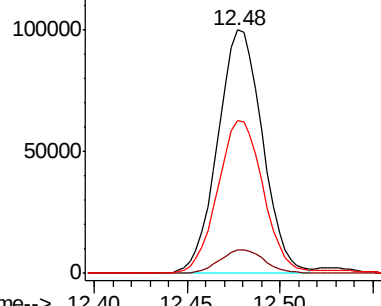
85 63.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 77.203 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061967.D

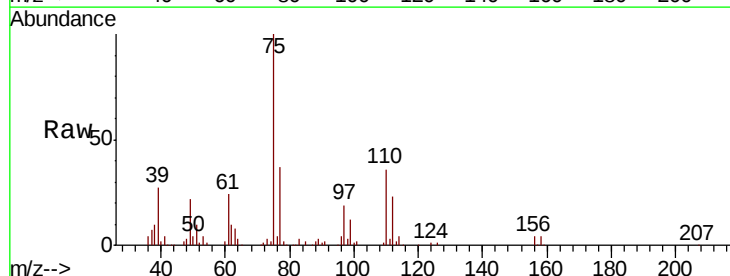
Acq: 19 Jun 2020 21:12

Tgt Ion: 75 Resp: 207636

Ion Ratio Lower Upper

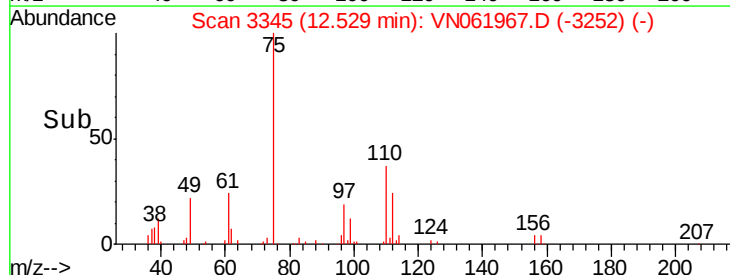
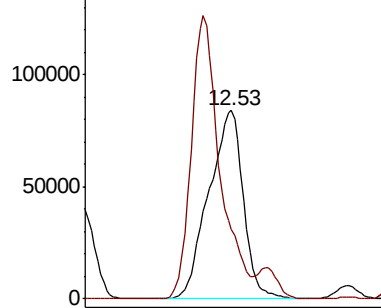
75 100

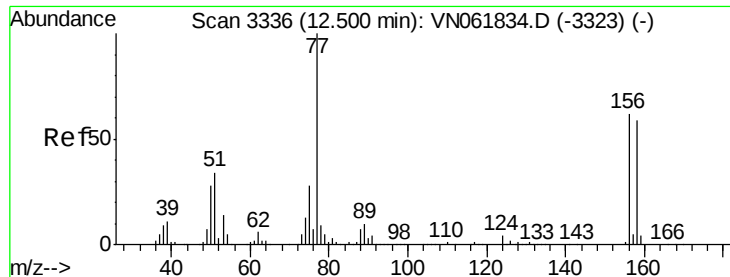
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 50.271 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

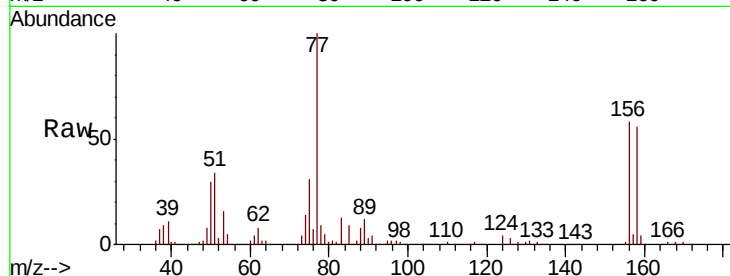
Tot Ion:156 Resp: 123462

Ion Ratio Lower Upper

156 100

77 210.9 100.7 302.1

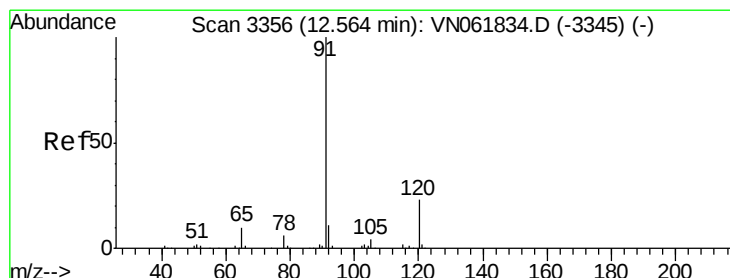
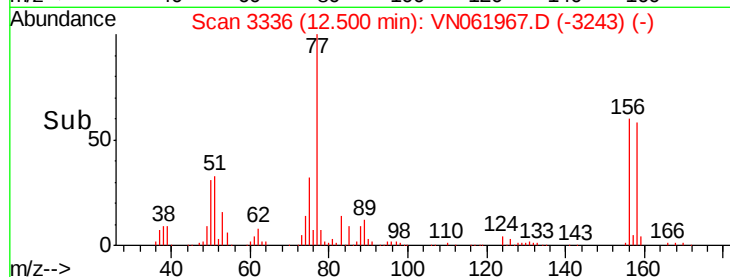
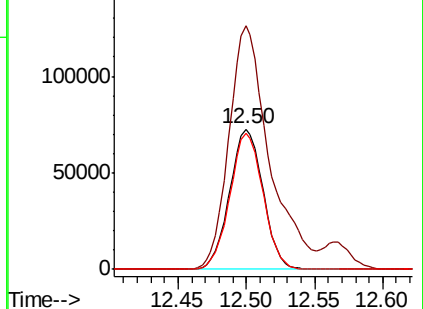
158 96.5 48.5 145.5



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: 53.200 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061967.D

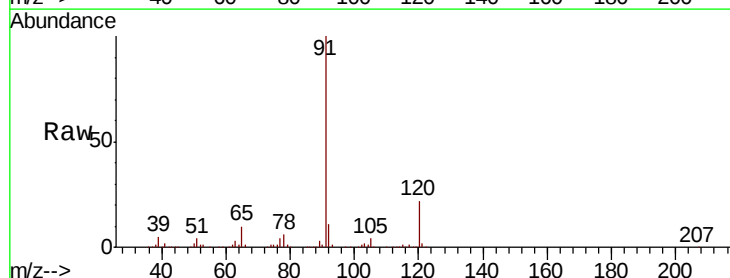
Acq: 19 Jun 2020 21:12

Tgt Ion: 91 Resp: 590930

Ion Ratio Lower Upper

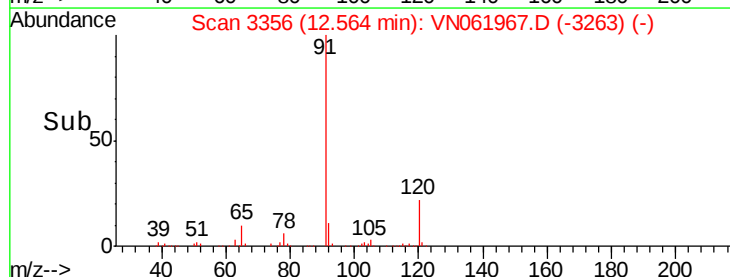
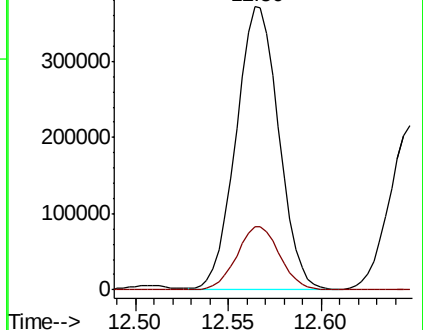
91 100

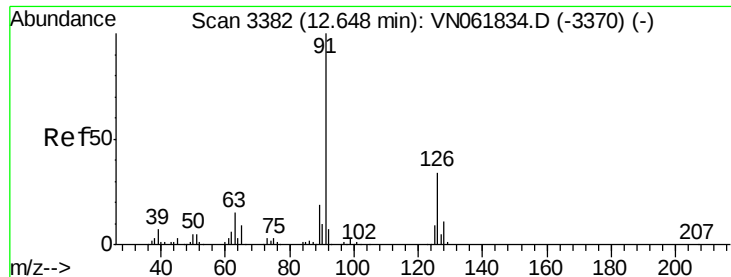
120 22.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

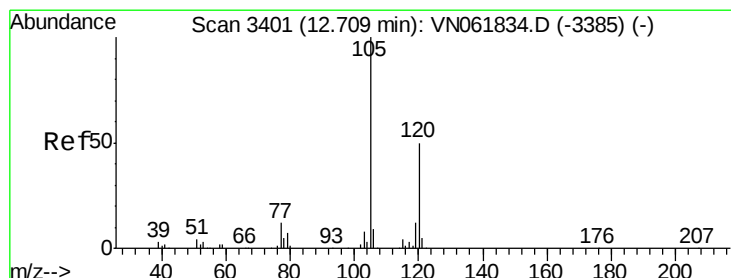
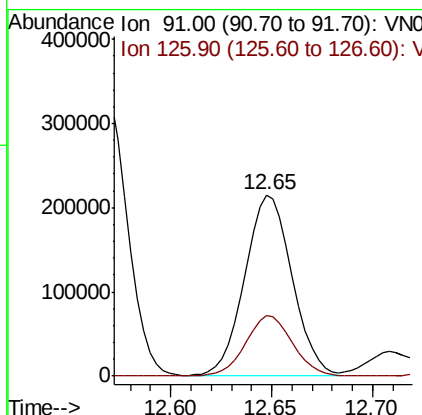
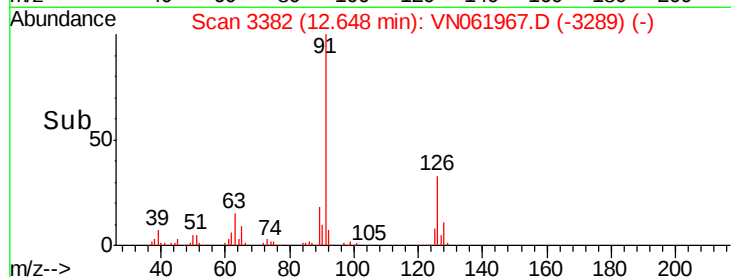
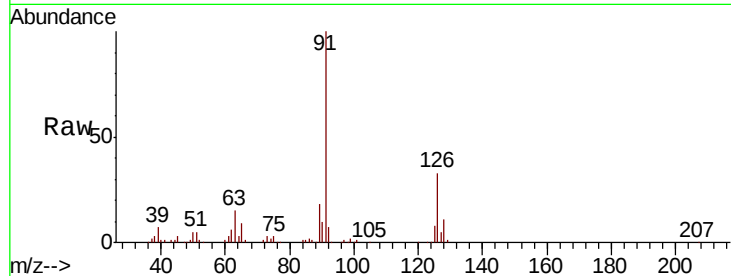




#79
 2-Chlorotoluene
 Concen: 52.572 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

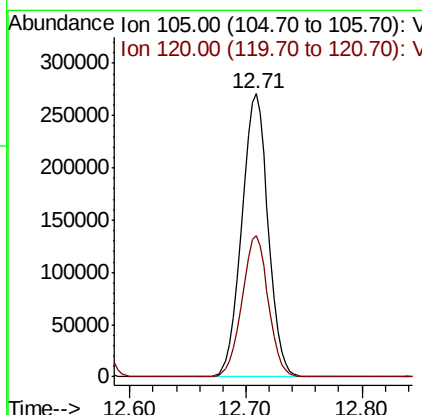
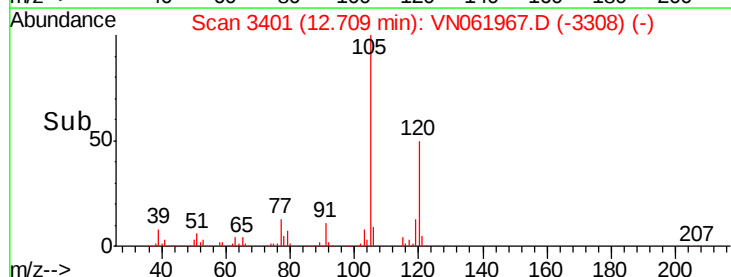
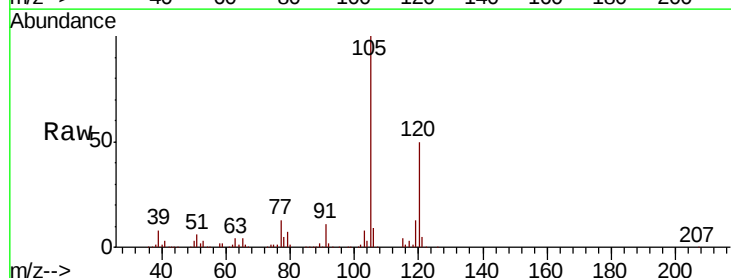
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 350720
 Ion Ratio Lower Upper
 91 100
 126 33.5 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.784 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 105 Resp: 425107
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 55.657 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

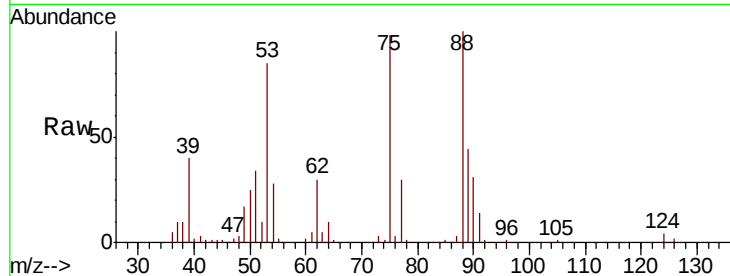
Tot Ion: 75 Resp: 54883

Ion Ratio Lower Upper

75 100

53 89.5 70.4 105.6

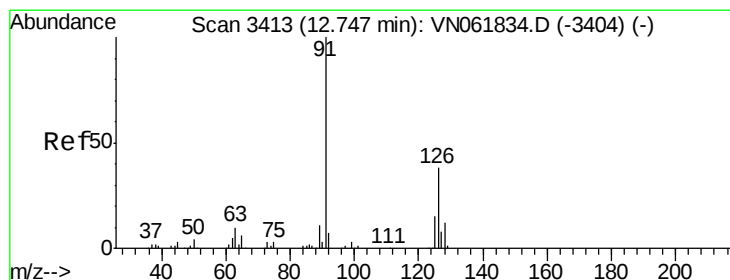
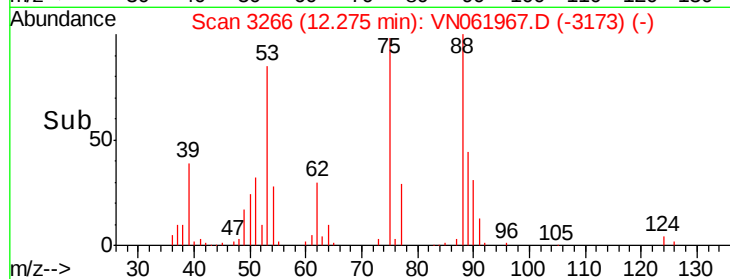
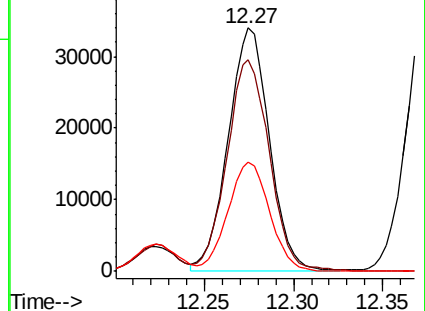
89 45.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 52.248 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061967.D

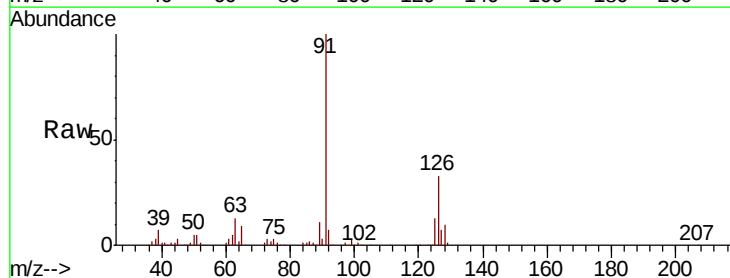
Acq: 19 Jun 2020 21:12

Tgt Ion: 91 Resp: 360167

Ion Ratio Lower Upper

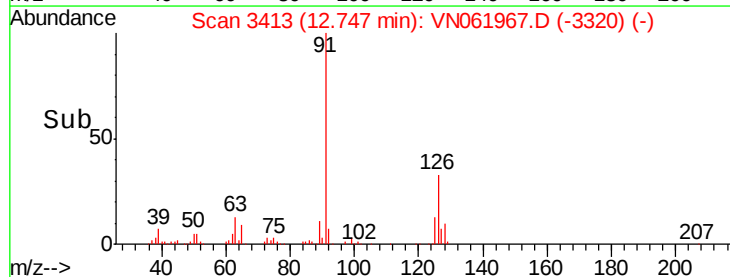
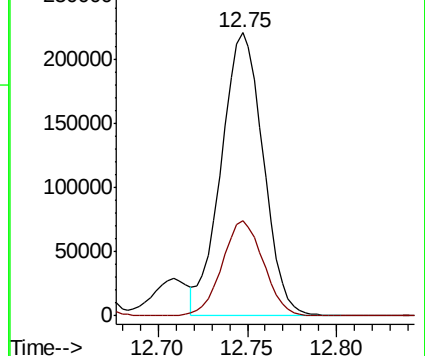
91 100

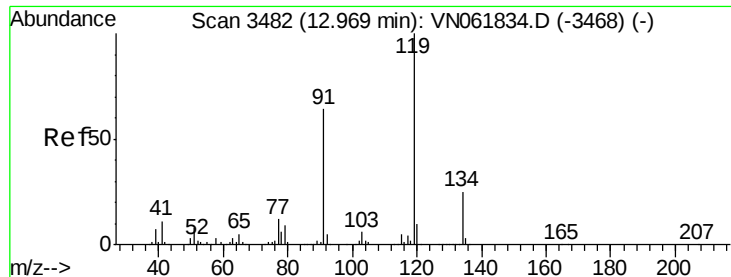
126 33.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

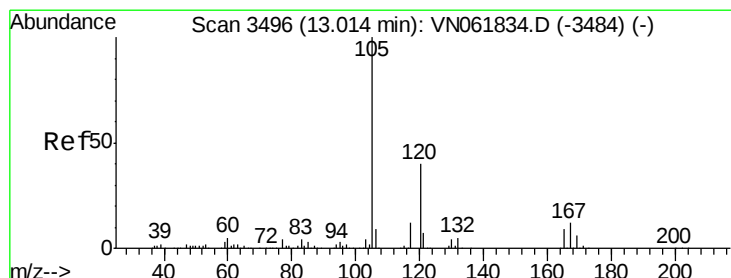
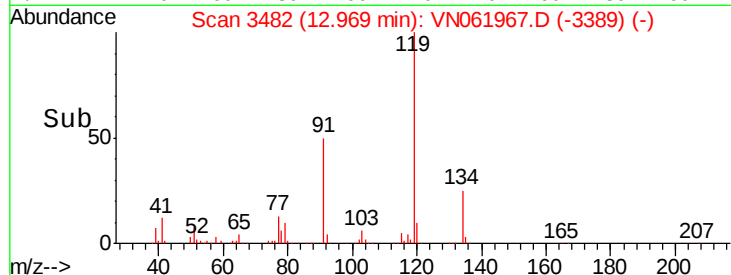
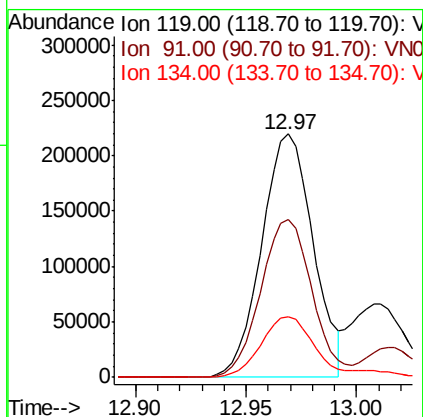
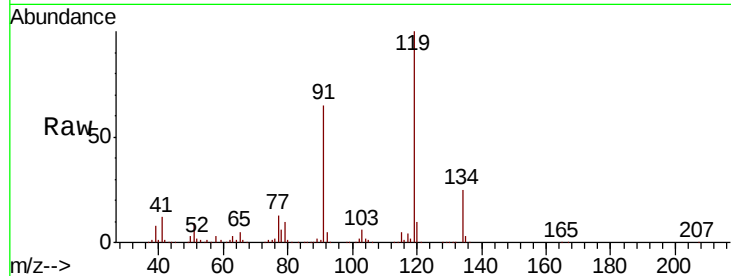




#83
tert-Butylbenzene
Concen: 52.011 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

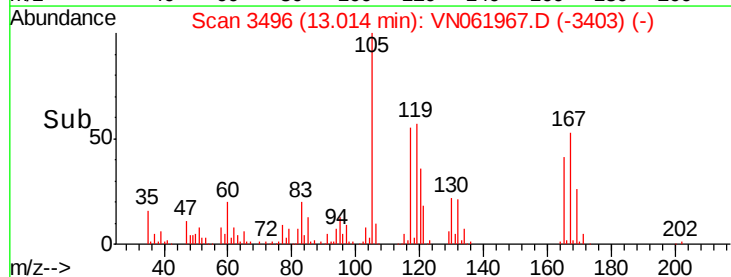
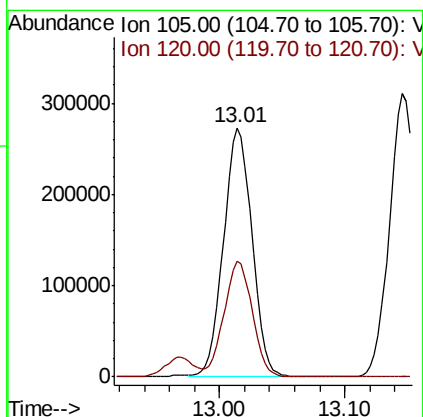
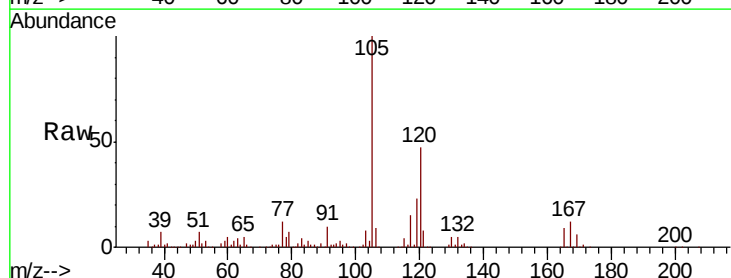
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

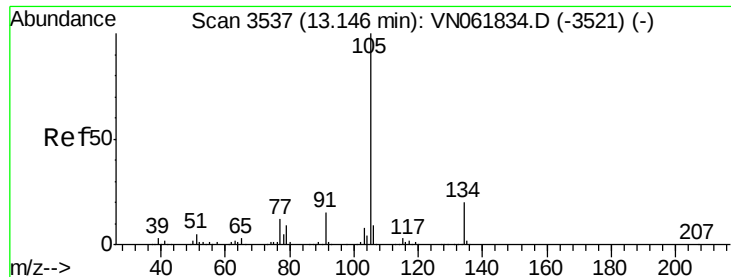
Tot Ion:119 Resp: 355119
Ion Ratio Lower Upper
119 100
91 65.0 31.5 94.5
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.870 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion:105 Resp: 428274
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.9





#85

sec-Butylbenzene

Concen: 54.098 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

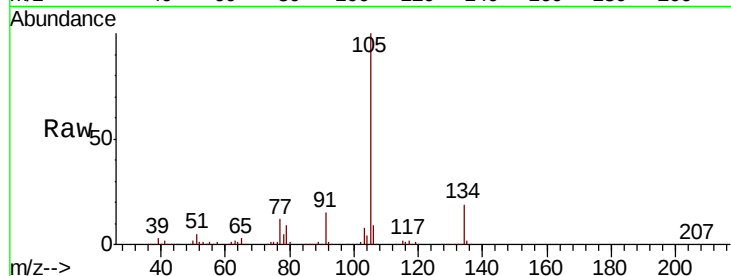
VSTDCCC050EC

Tot Ion:105 Resp: 483458

Ion Ratio Lower Upper

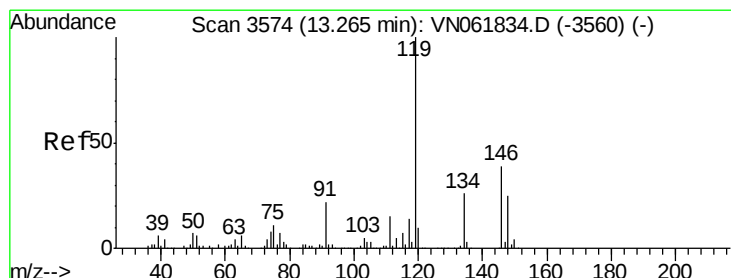
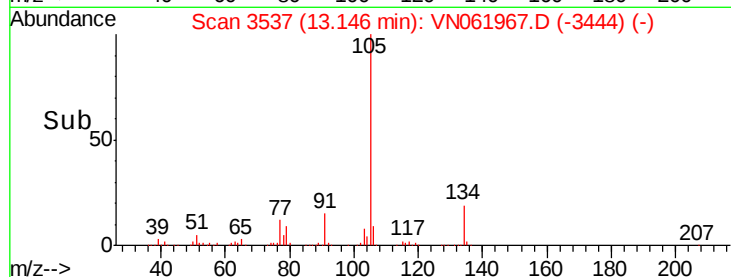
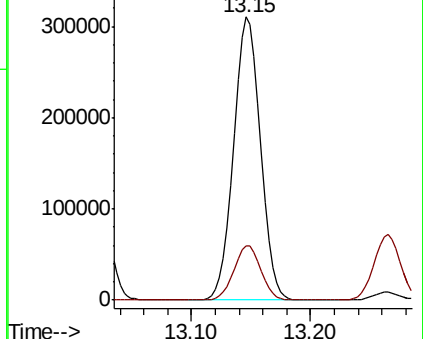
105 100

134 19.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.276 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

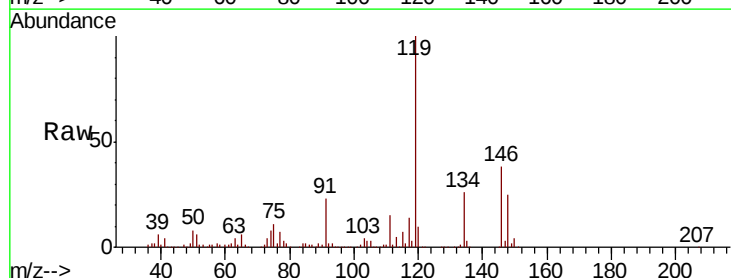
Tgt Ion:119 Resp: 432217

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

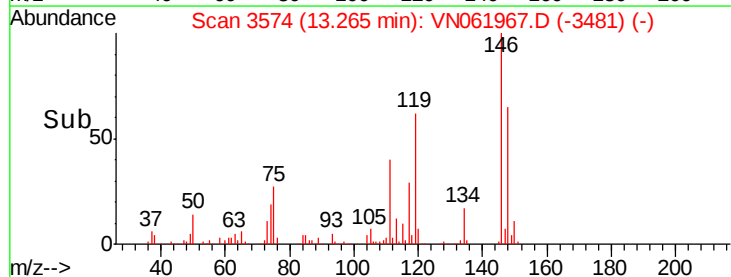
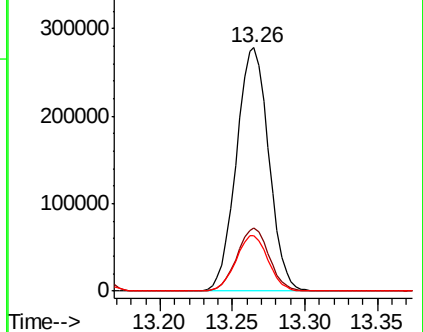
91 22.7 11.2 33.6

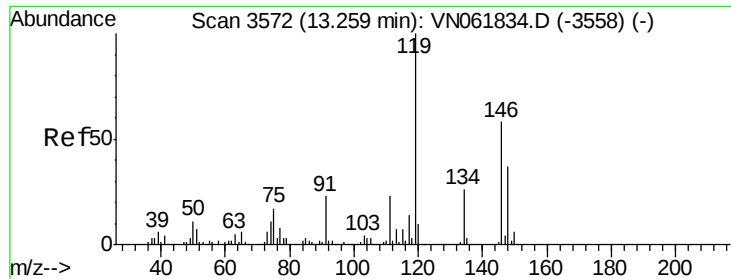


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

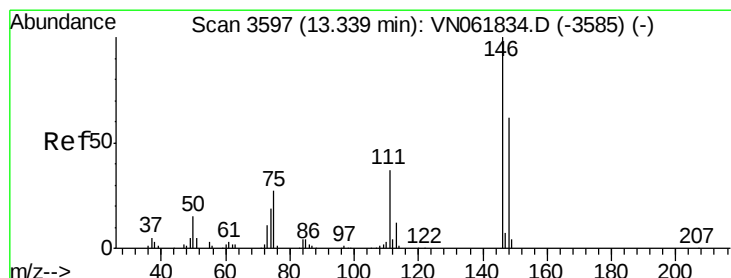
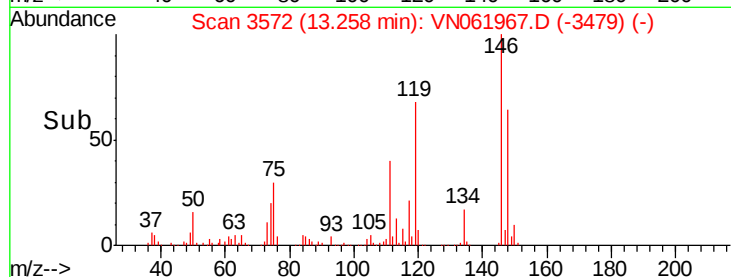
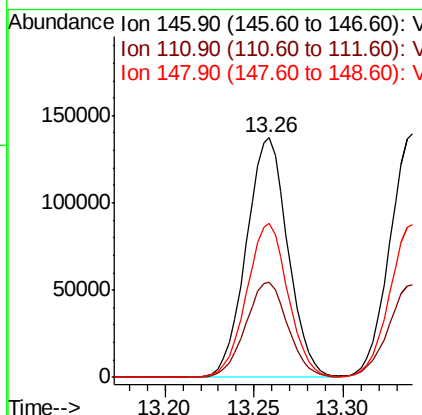
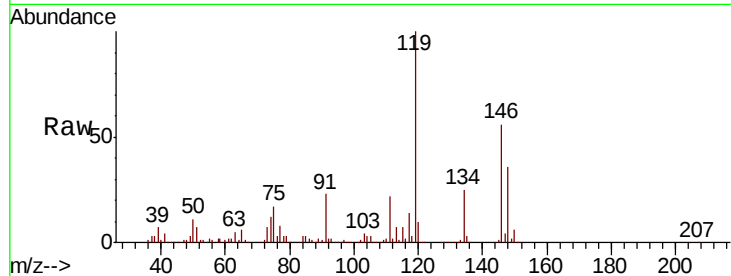




#87
 1,3-Dichlorobenzene
 Concen: 50.042 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

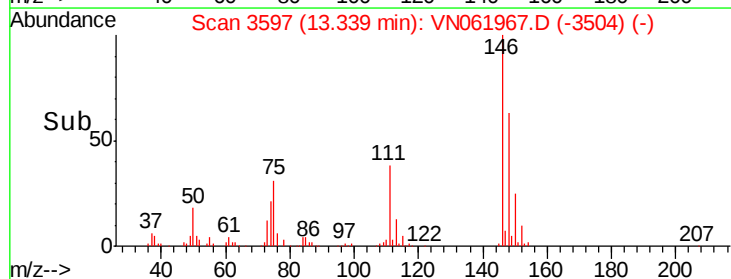
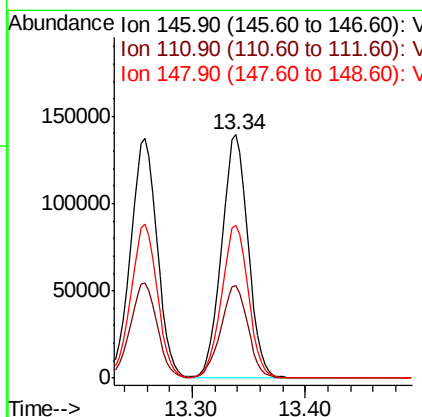
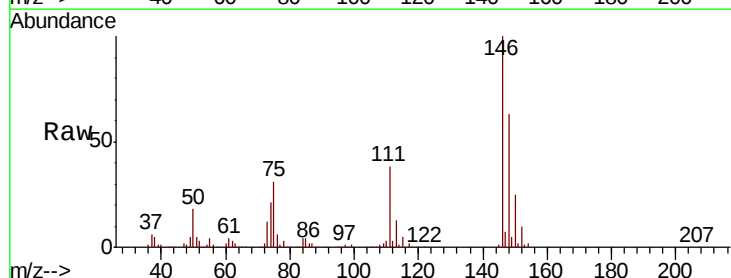
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

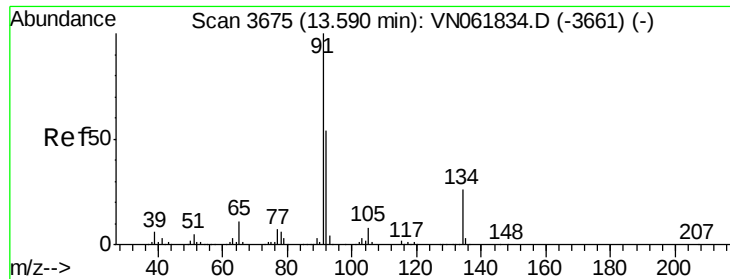
Tot Ion:146 Resp: 224151
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.6 58.8
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.541 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion:146 Resp: 227147
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.8
 148 63.7 31.6 94.7

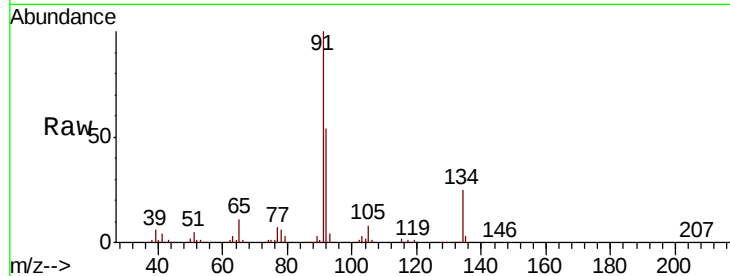




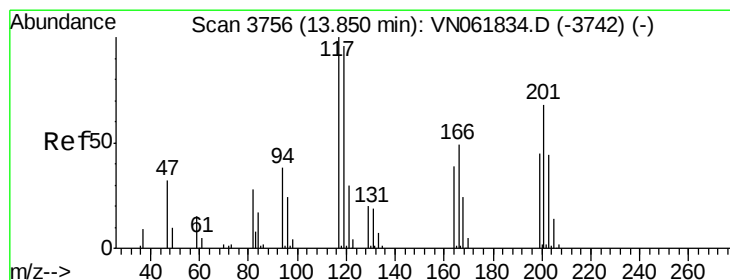
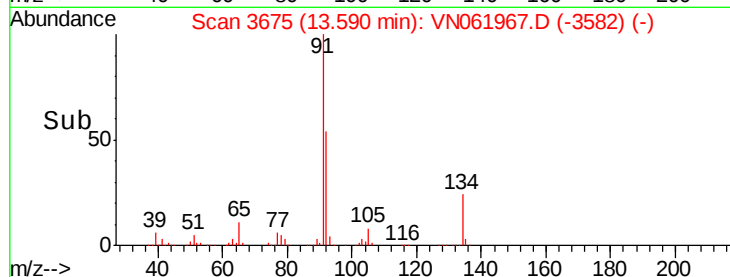
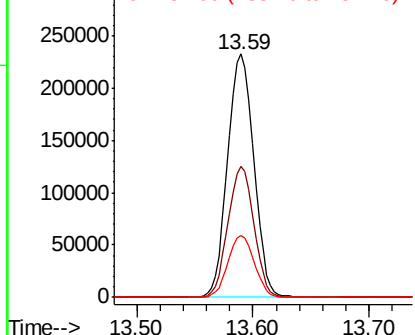
#89
n-Butylbenzene
Concen: 54.641 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 363394
Ion Ratio Lower Upper
91 100
92 53.1 27.0 80.8
134 25.3 13.0 39.0

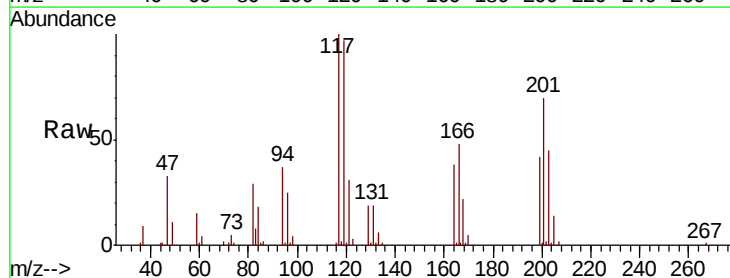


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

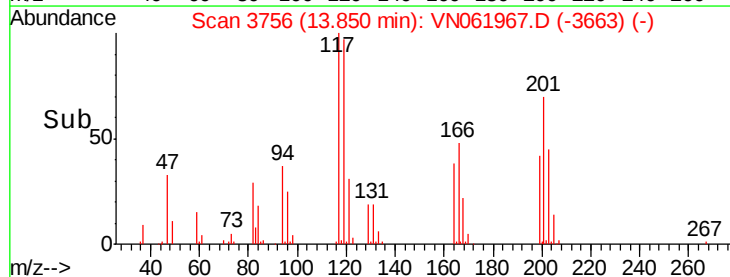
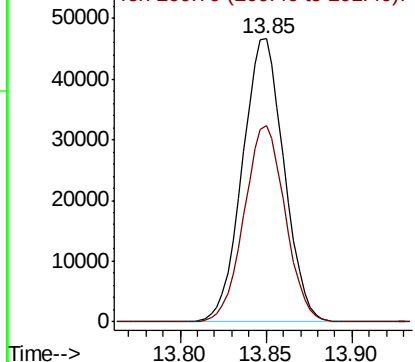


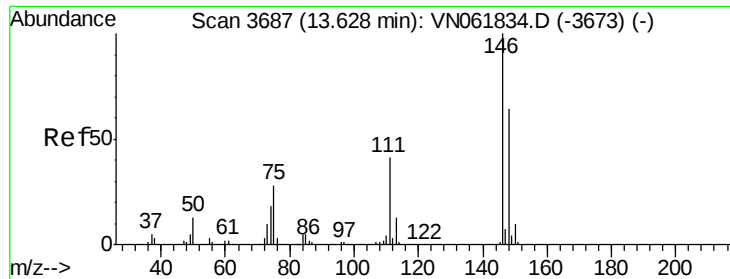
#90
Hexachloroethane
Concen: 53.717 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061967.D
Acq: 19 Jun 2020 21:12

Tgt Ion: 117 Resp: 78304
Ion Ratio Lower Upper
117 100
201 68.4 34.6 103.8



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

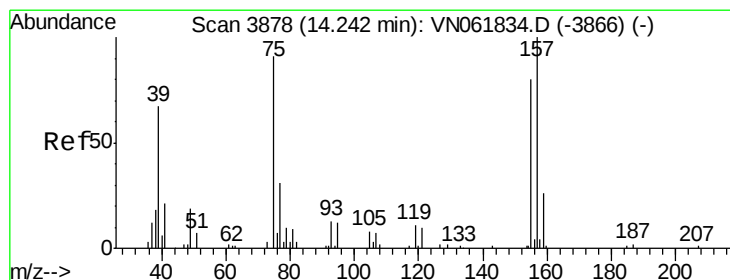
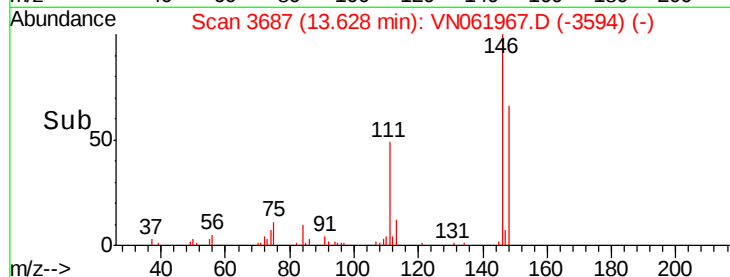
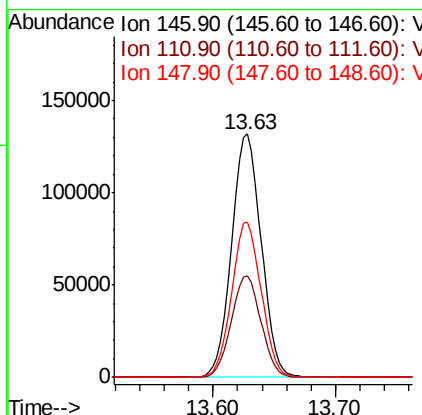
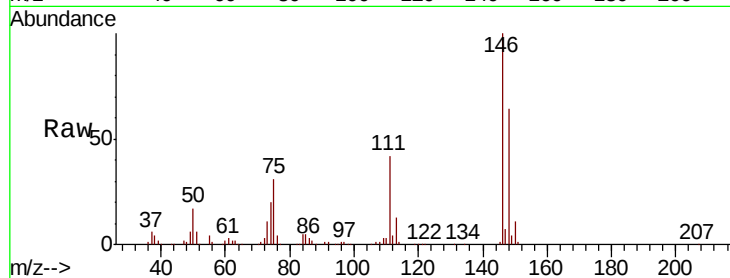




#91
 1,2-Dichlorobenzene
 Concen: 51.621 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

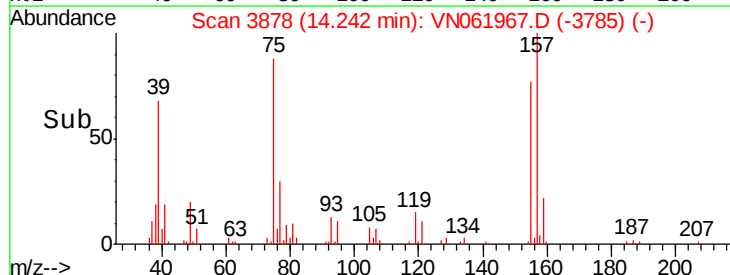
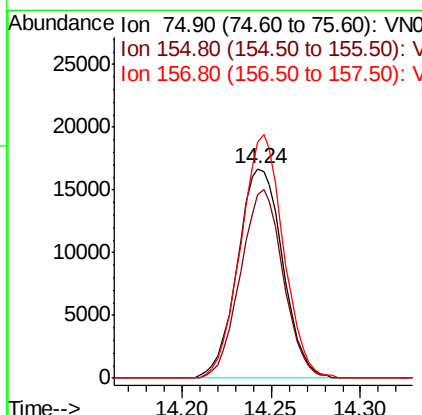
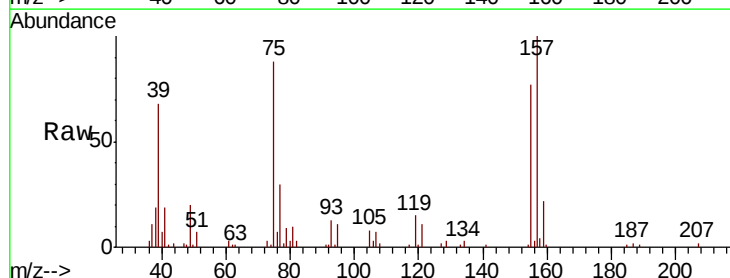
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

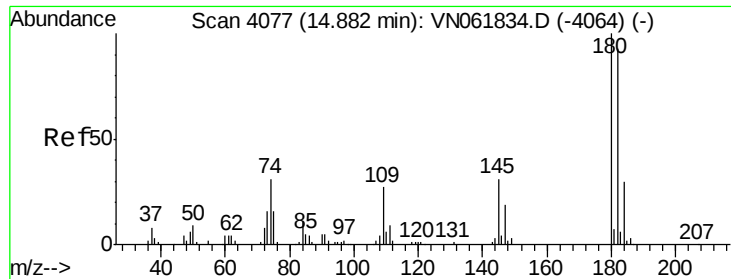
Tot Ion:146 Resp: 222604
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.2
 148 63.5 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.268 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion: 75 Resp: 29425
 Ion Ratio Lower Upper
 75 100
 155 84.9 44.4 133.2
 157 109.9 57.0 171.2

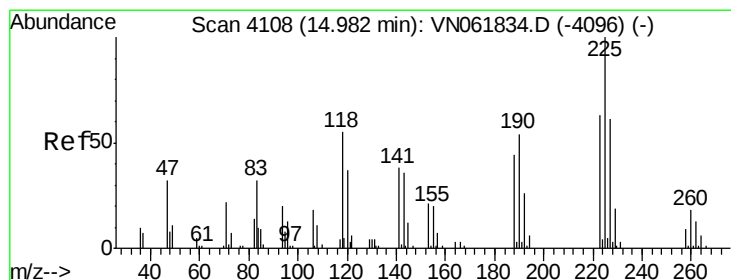
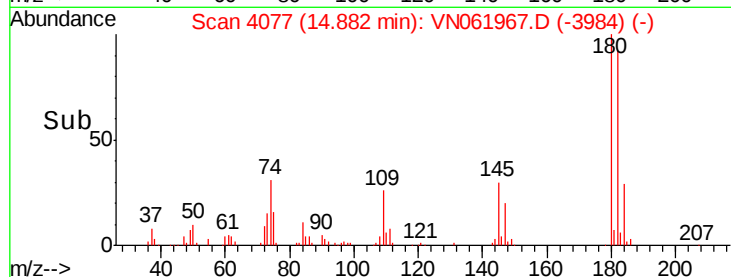
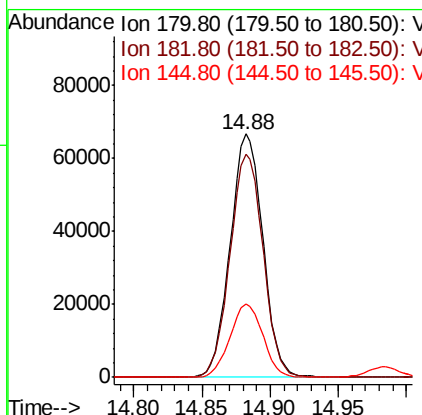
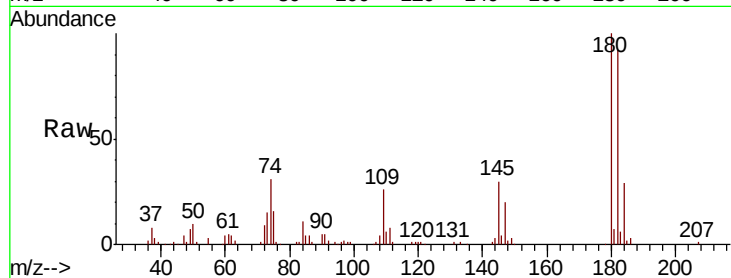




#93
 1,2,4-Trichlorobenzene
 Concen: 54.502 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

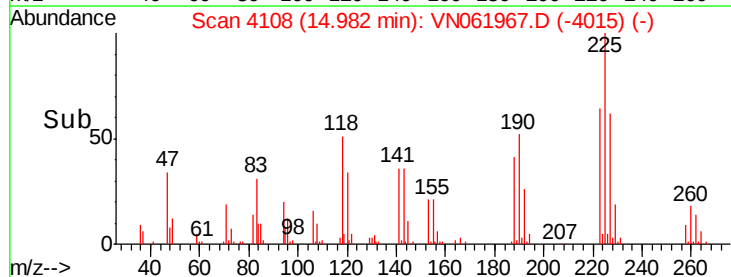
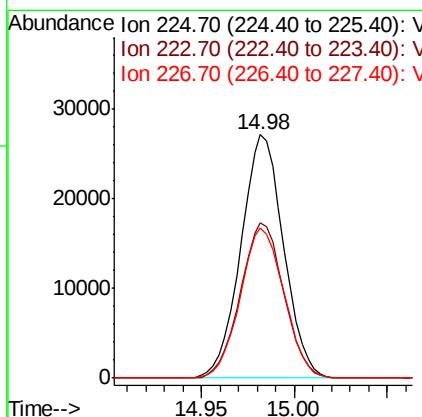
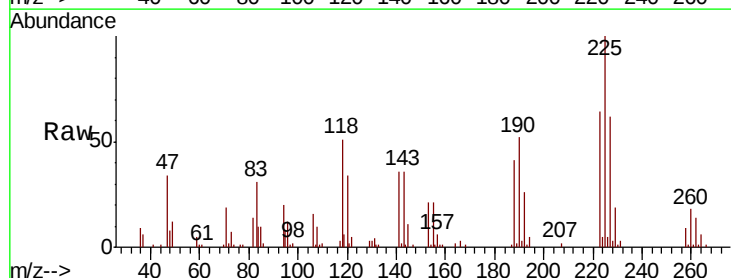
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

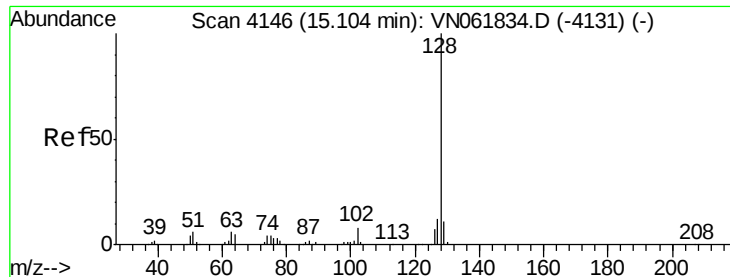
Tot Ion:180 Resp: 110903
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.0 141.2
 145 30.3 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 54.062 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061967.D
 Acq: 19 Jun 2020 21:12

Tgt Ion:225 Resp: 43327
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.7 95.1
 227 63.4 30.1 90.3





#95

Naphthalene

Concen: 49.288 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

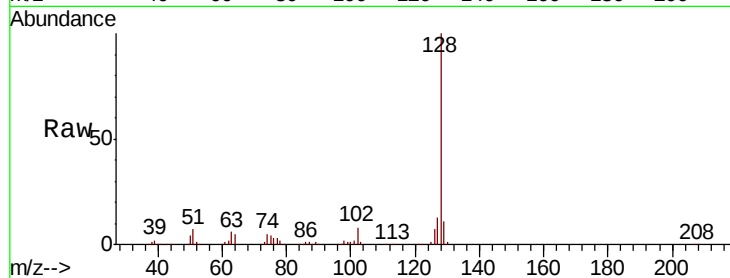
Tot Ion:128 Resp: 335501

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.6 13.0

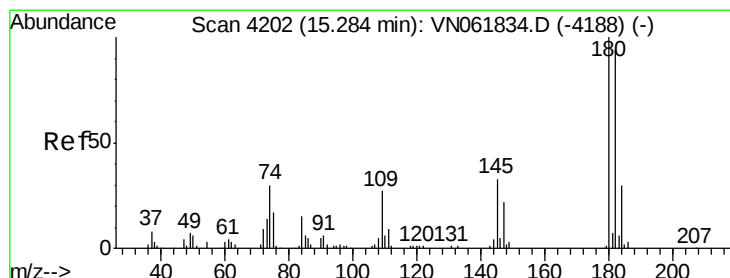
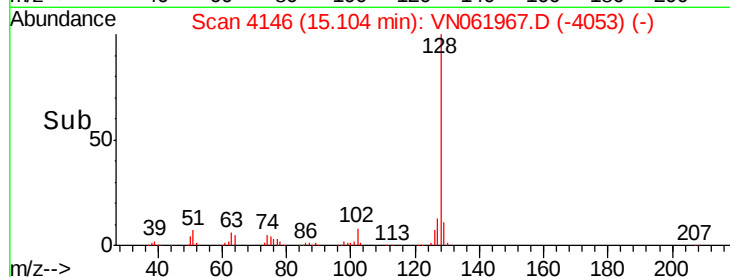
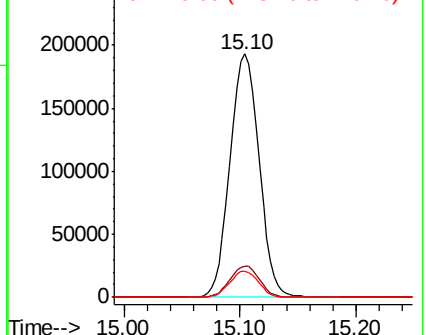


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.203 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061967.D

Acq: 19 Jun 2020 21:12

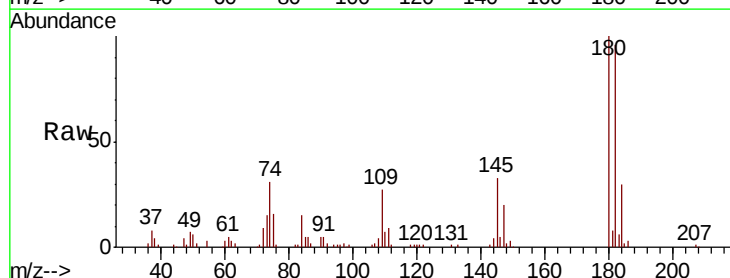
Tgt Ion:180 Resp: 109232

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 32.6 16.5 49.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

