

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062698.D
 Acq On : 31 Jul 2020 20:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 06:08:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124778	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	7.55	113	83877	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.06	98	320262	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.38	95	125370	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	83673	44.004	ug/l	98
3) Chloromethane	2.03	50	93755	36.353	ug/l	98
4) Vinyl Chloride	2.16	62	86732	38.793	ug/l	99
5) Bromomethane	2.50	94	49504	49.991	ug/l	96
6) Chloroethane	2.65	64	51312	50.737	ug/l	95
7) Trichlorofluoromethane	2.97	101	141637	53.957	ug/l	97
8) Diethyl Ether	3.37	74	54727	44.583	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80136	47.614	ug/l	99
10) Methyl Iodide	3.91	142	104990	48.794	ug/l	95
11) Tert butyl alcohol	4.74	59	91312	231.787	ug/l	99
12) 1,1-Dichloroethene	3.69	96	77166	45.208	ug/l	98
13) Acrolein	3.56	56	70088	173.279	ug/l	99
14) Allyl chloride	4.27	41	151009	40.899	ug/l	94
15) Acrylonitrile	4.93	53	248528	235.532	ug/l	100
16) Acetone	3.77	43	212775	228.326	ug/l	99
17) Carbon Disulfide	4.00	76	224391	40.010	ug/l	100
18) Methyl Acetate	4.28	43	122224	51.809	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	307169	48.893	ug/l	100
20) Methylene Chloride	4.50	84	96045	42.972	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	84509	44.609	ug/l	99
22) Diisopropyl ether	5.90	45	320706	43.698	ug/l	95
23) Vinyl Acetate	5.84	43	1348213	224.196	ug/l	98
24) 1,1-Dichloroethane	5.79	63	179237	45.352	ug/l	99
25) 2-Butanone	6.79	43	326567	230.100	ug/l	96
26) 2,2-Dichloropropane	6.77	77	137428	42.360	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	98700	45.657	ug/l	98
28) Bromochloromethane	7.15	49	80496	41.387	ug/l	91
29) Tetrahydrofuran	7.17	42	219570	228.638	ug/l	95
30) Chloroform	7.33	83	182639	48.604	ug/l	97
31) Cyclohexane	7.61	56	149660	41.015	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	163425	52.092	ug/l	99
36) 1,1-Dichloropropene	7.75	75	132107	48.234	ug/l	100
37) Ethyl Acetate	6.88	43	139419	47.223	ug/l	98
38) Carbon Tetrachloride	7.73	117	146795	55.759	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141101	47.858	ug/l	98
40) Benzene	8.00	78	386689	46.635	ug/l	99
41) Methacrylonitrile	7.17	41	201400	159.168	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	158024	52.128	ug/l	99
43) Isopropyl Acetate	8.13	43	232553	48.861	ug/l #	90
44) Trichloroethene	8.80	130	90347	48.316	ug/l	99
45) 1,2-Dichloropropane	9.08	63	106293	45.656	ug/l	99
46) Dibromomethane	9.17	93	66434	49.372	ug/l	99
47) Bromodichloromethane	9.37	83	150744	51.710	ug/l	98
48) Methyl methacrylate	9.17	41	112697	49.811	ug/l	97
49) 1,4-Dioxane	9.17	88	35420	1019.308	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	714831	251.015	ug/l	98
52) Toluene	10.12	92	235921	48.999	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	163831	50.484	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	167881	48.211	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	94154	50.414	ug/l	98
56) Ethyl methacrylate	10.40	69	157330	47.024	ug/l	97
57) 1,3-Dichloropropane	10.68	76	170186	49.740	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	257265	254.252	ug/l	97
59) 2-Hexanone	10.72	43	536365	243.616	ug/l	100
60) Dibromochloromethane	10.87	129	111312	53.426	ug/l	97
61) 1,2-Dibromoethane	10.98	107	96815	49.783	ug/l	99
64) Tetrachloroethene	10.60	164	76127	47.489	ug/l	97
65) Chlorobenzene	11.41	112	248108	47.967	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	98893	50.822	ug/l	98
67) Ethyl Benzene	11.48	91	464711	49.000	ug/l	100
68) m/p-Xylenes	11.60	106	338814	99.396	ug/l	96
69) o-Xylene	11.92	106	164523	50.827	ug/l	99
70) Styrene	11.94	104	285815	52.271	ug/l	98
71) Bromoform	12.10	173	77594	53.110	ug/l #	97
73) Isopropylbenzene	12.22	105	455832	47.353	ug/l	99
74) N-amyl acetate	12.05	43	206251	47.977	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	144157	43.095	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	200469	64.694	ug/l #	100
77) Bromobenzene	12.50	156	104832	45.316	ug/l	97
78) n-propylbenzene	12.57	91	528841	46.901	ug/l	99
79) 2-Chlorotoluene	12.65	91	322106	46.353	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	399857	50.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	51188	45.985	ug/l	95
82) 4-Chlorotoluene	12.75	91	338130	46.748	ug/l	100
83) tert-Butylbenzene	12.97	119	332540	50.154	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	398471	50.870	ug/l	98
85) sec-Butylbenzene	13.15	105	441604	49.749	ug/l	100
86) p-Isopropyltoluene	13.26	119	396911	51.988	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	190501	46.926	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	189369	47.386	ug/l	99
89) n-Butylbenzene	13.59	91	321619	49.028	ug/l	99
90) Hexachloroethane	13.85	117	77294	47.558	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	187469	48.295	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32869	54.120	ug/l	95

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Quant Title : SW846 8260
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Response via : Initial Calibration

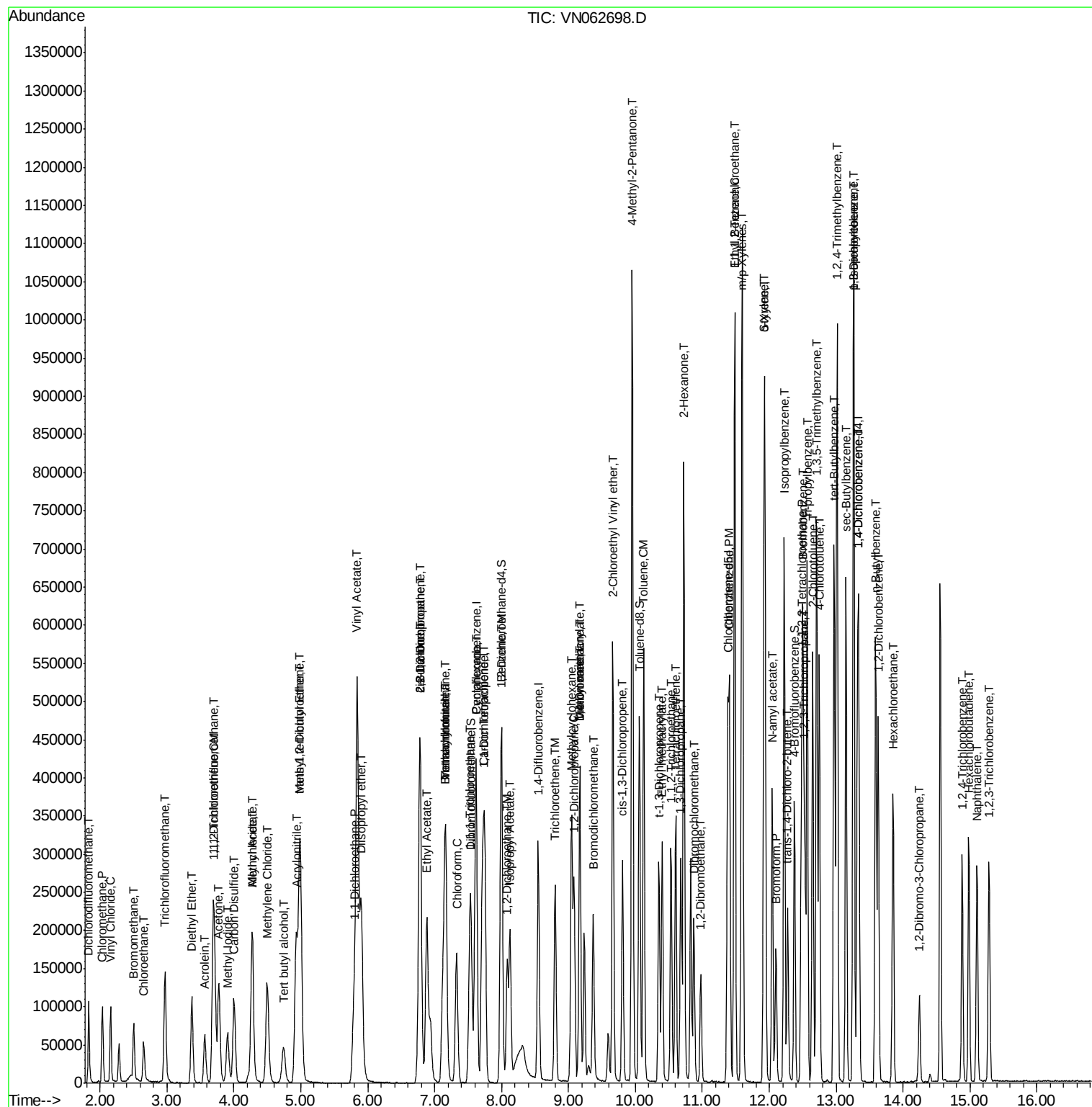
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	89307	44.144	ug/l	98
94) Hexachlorobutadiene	14.99	225	60000	57.199	ug/l	99
95) Naphthalene	15.10	128	235793	44.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92566	50.601	ug/l	98

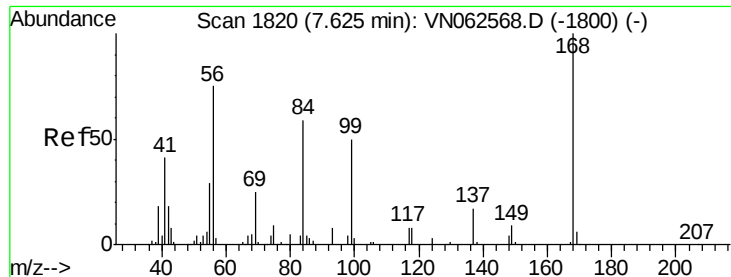
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

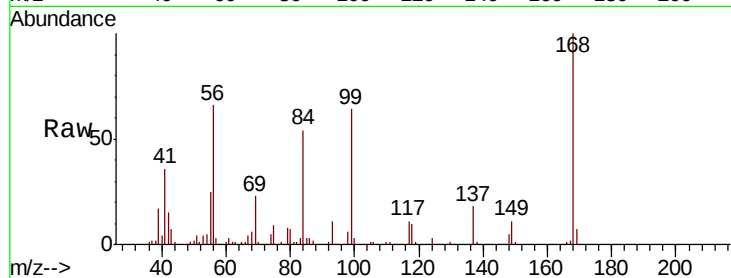
VSTDCCC050EC

Tot Ion:168 Resp: 159413

Ion Ratio Lower Upper

168 100

99 64.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

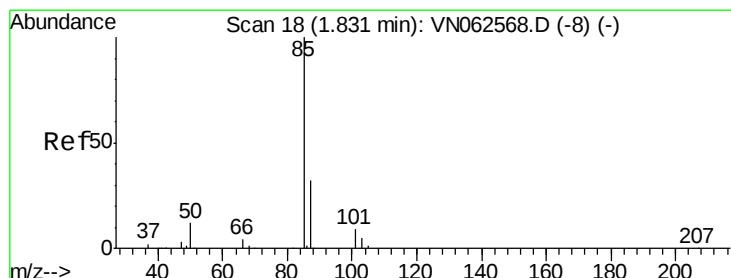
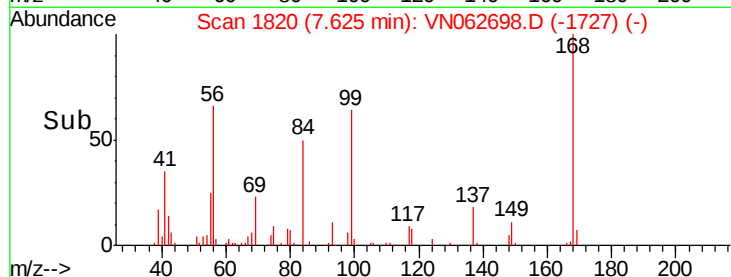
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.004 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062698.D

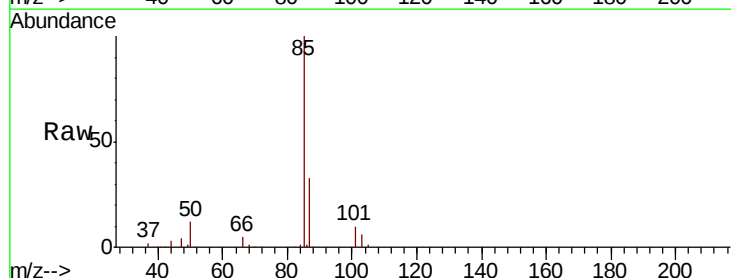
Acq: 31 Jul 2020 20:20

Tgt Ion: 85 Resp: 83673

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

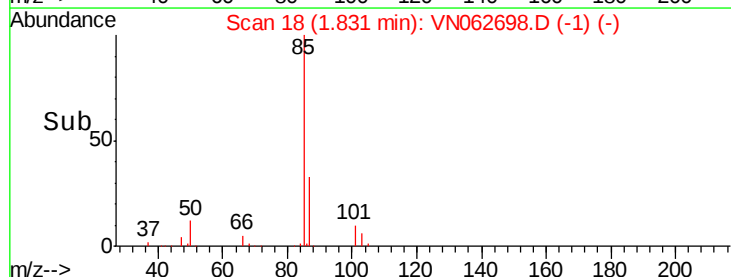
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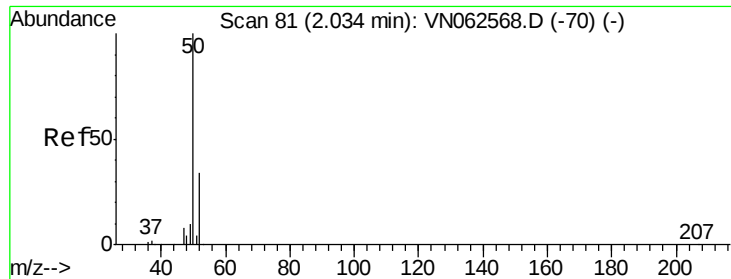
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 36.353 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

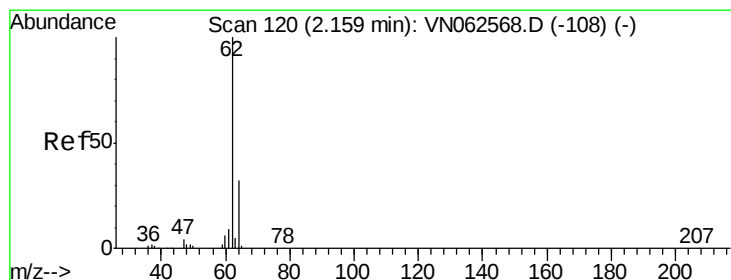
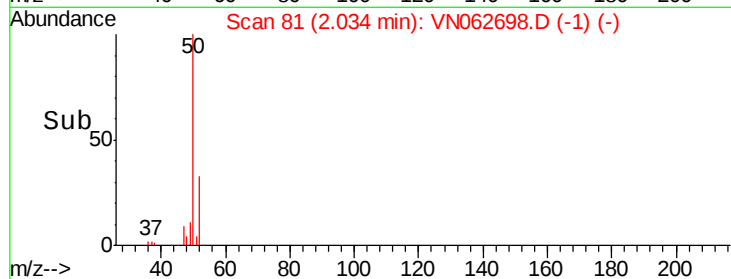
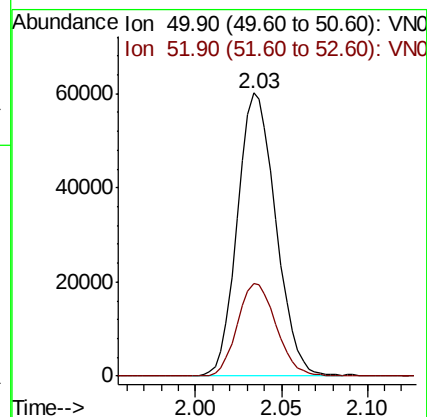
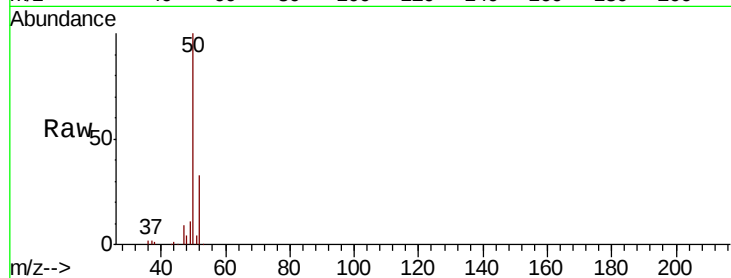
VSTDCCC050EC

Tot Ion: 50 Resp: 93755

Ion Ratio Lower Upper

50 100

52 32.6 27.0 40.4



#4

Vinyl Chloride

Concen: 38.793 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062698.D

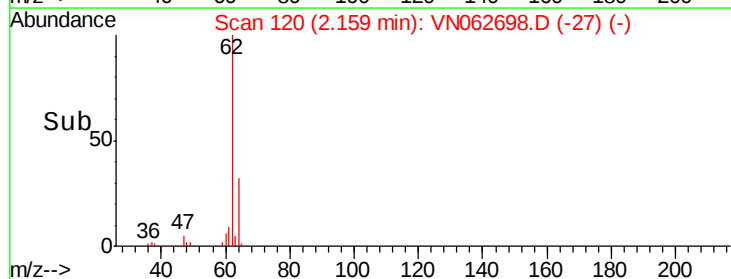
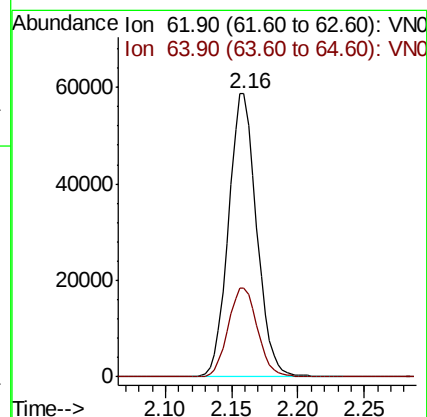
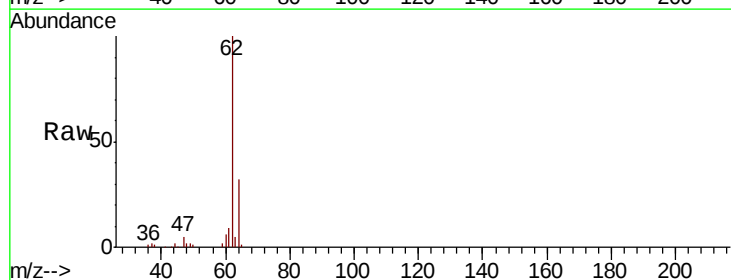
Acq: 31 Jul 2020 20:20

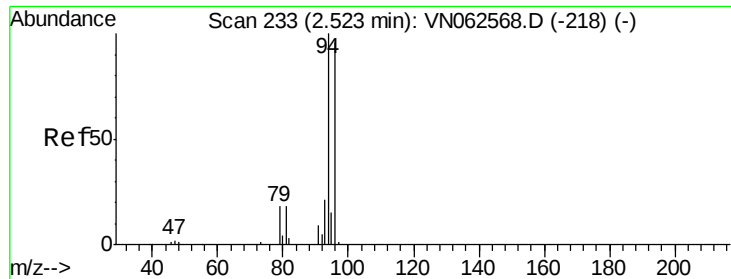
Tgt Ion: 62 Resp: 86732

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 49.991 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.02 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

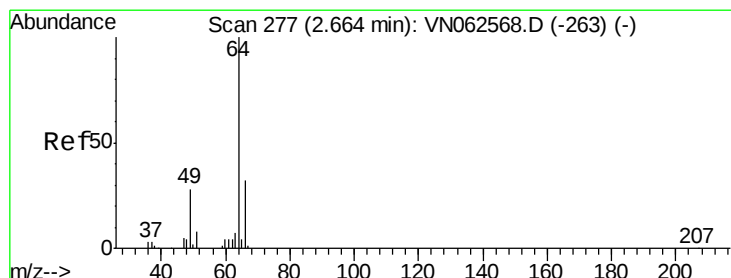
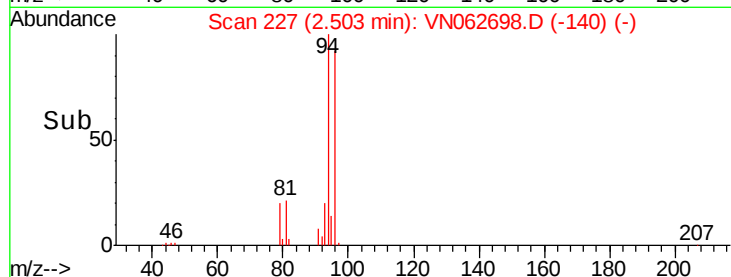
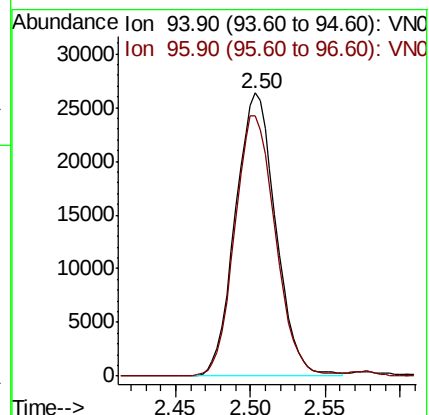
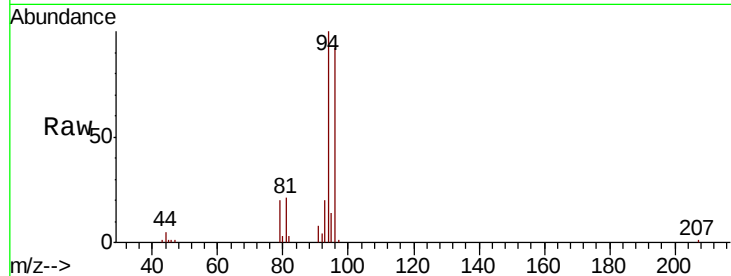
VSTDCCC050EC

Tot Ion: 94 Resp: 49504

Ion Ratio Lower Upper

94 100

96 92.2 76.6 114.8



#6

Chloroethane

Concen: 50.737 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062698.D

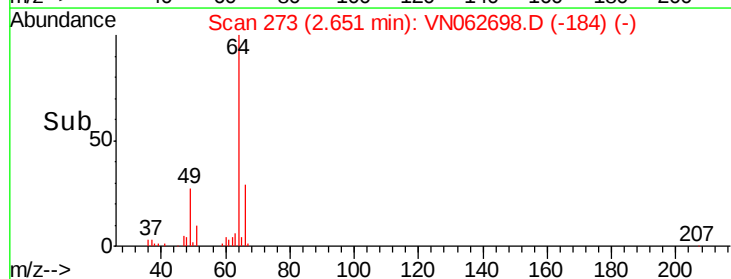
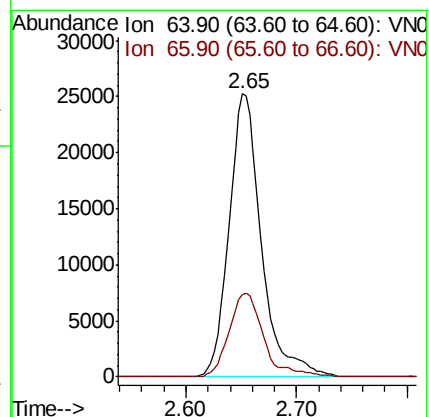
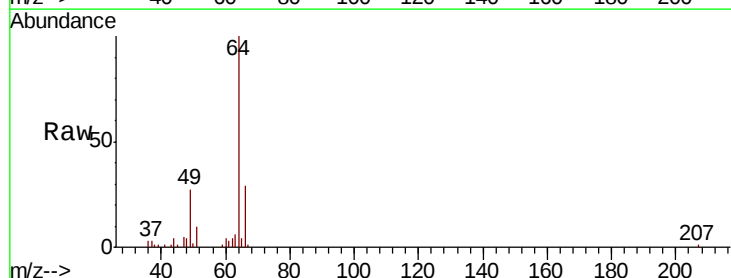
Acq: 31 Jul 2020 20:20

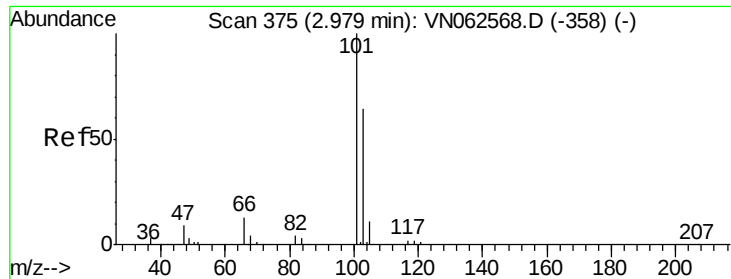
Tgt Ion: 64 Resp: 51312

Ion Ratio Lower Upper

64 100

66 29.3 25.8 38.8



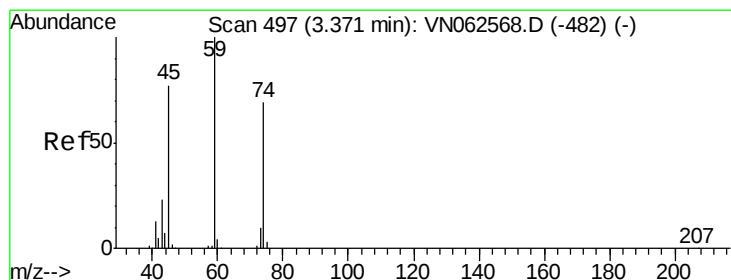
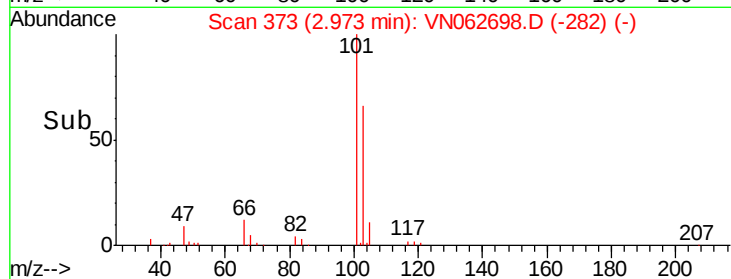
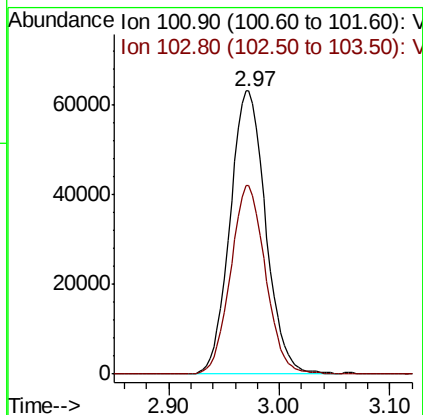
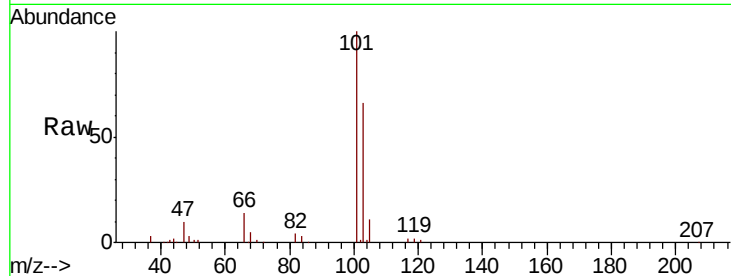


#7

Trichlorofluoromethane
 Concen: 53.957 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VN062698.D
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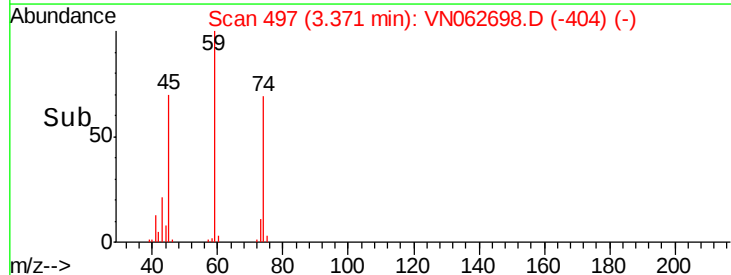
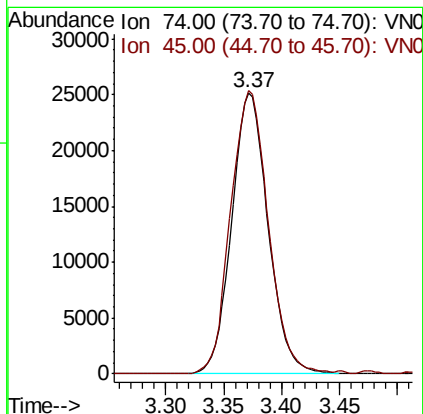
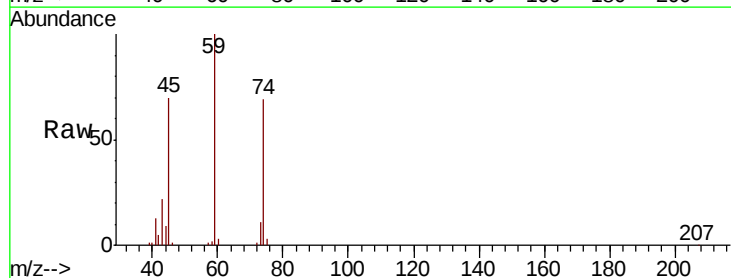
Tot Ion:101 Resp: 141637
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.5 77.3

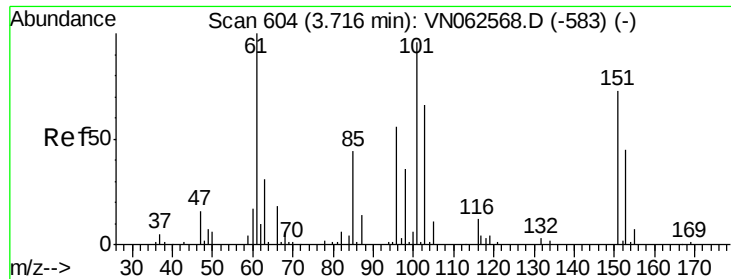


#8

Diethyl Ether
 Concen: 44.583 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion: 74 Resp: 54727
 Ion Ratio Lower Upper
 74 100
 45 104.3 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.614 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

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VSTDCCC050EC

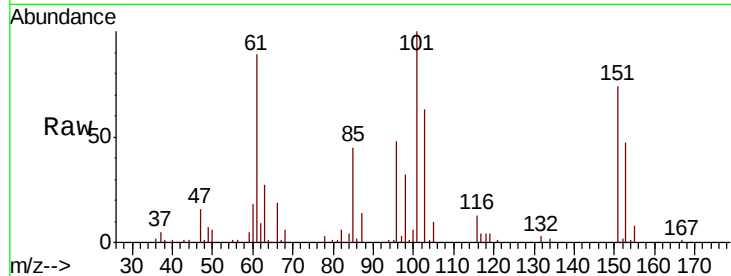
Tot Ion:101 Resp: 80136

Ion Ratio Lower Upper

101 100

85 46.9 36.0 54.0

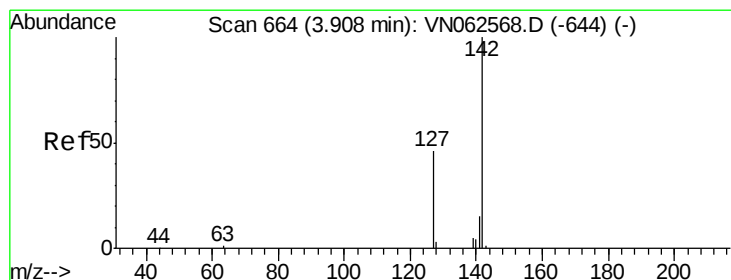
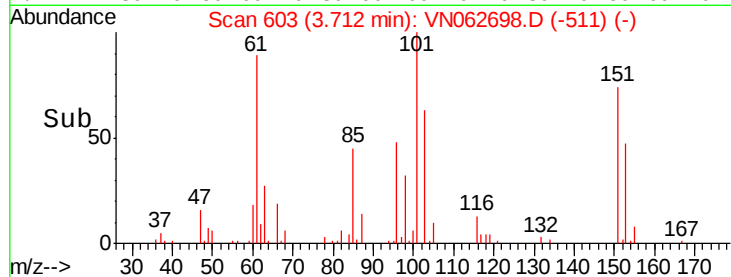
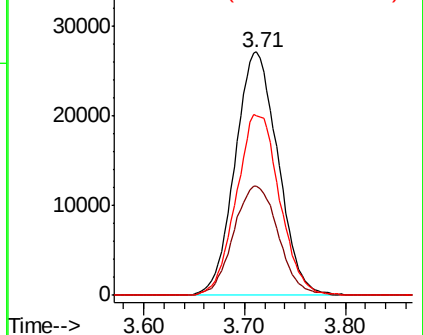
151 75.1 60.0 90.0



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: 48.794 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

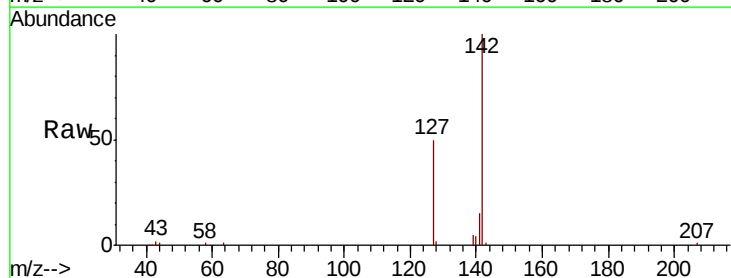
Tgt Ion:142 Resp: 104990

Ion Ratio Lower Upper

142 100

127 51.0 37.4 56.0

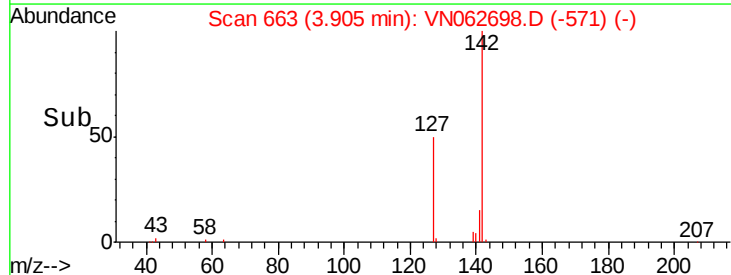
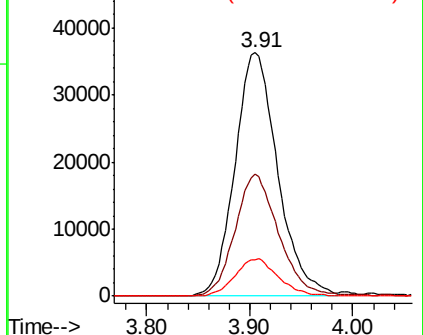
141 15.4 11.9 17.9

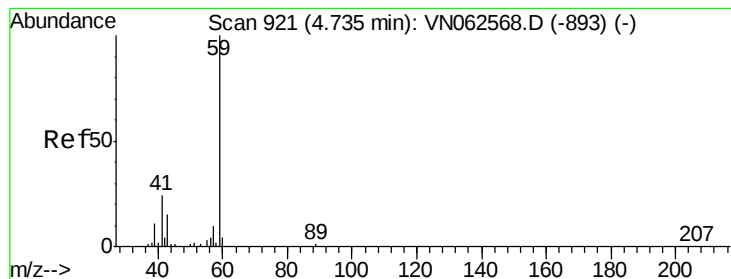


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



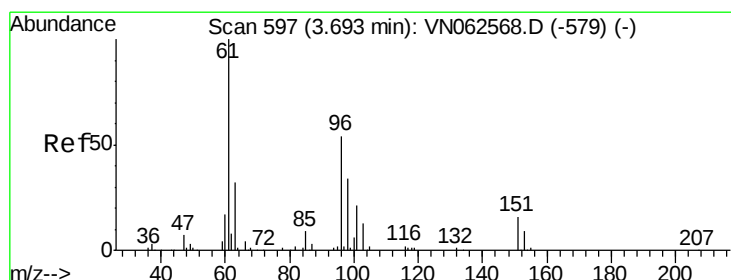
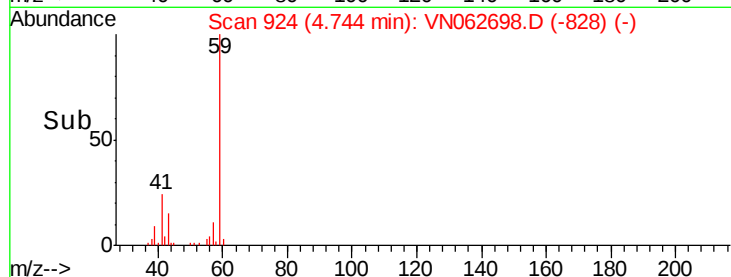
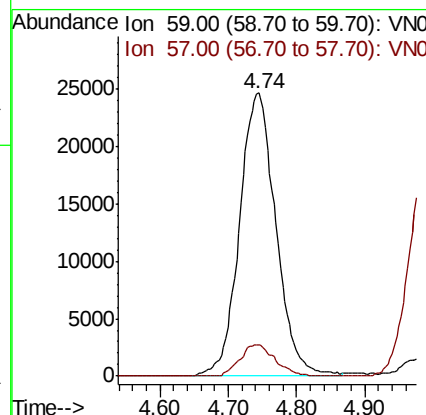
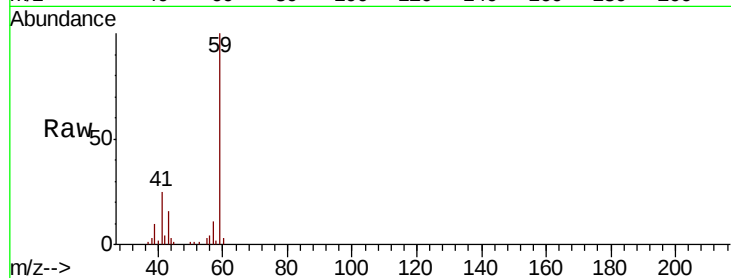


#11

Tert butyl alcohol
Concen: 231.787 ug/l
RT: 4.74 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

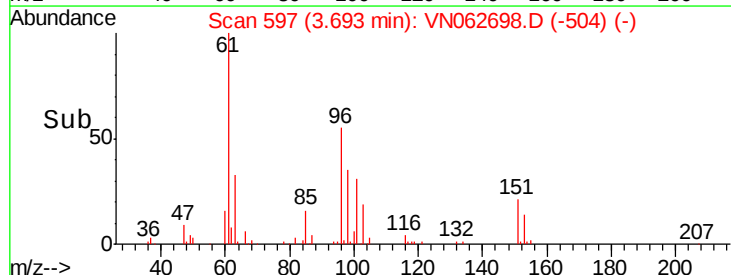
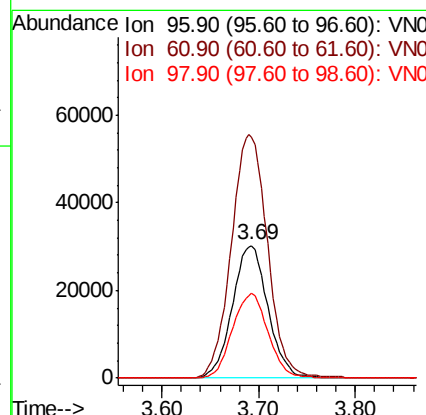
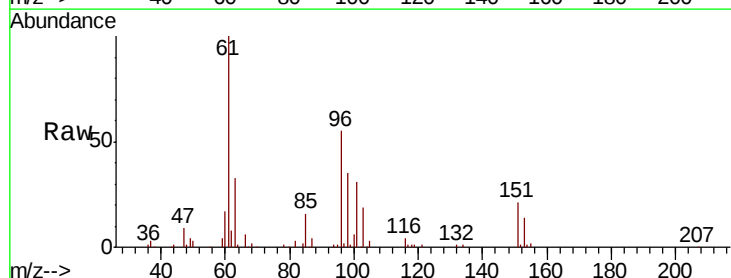
Tot Ion: 59 Resp: 91312
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

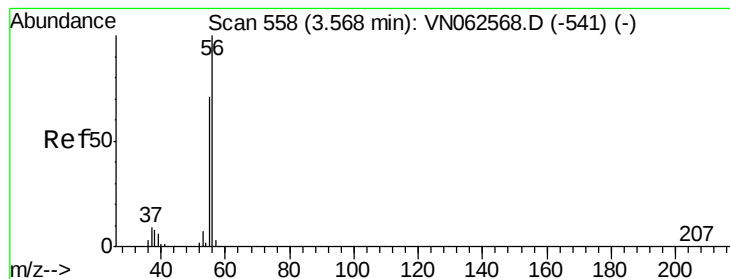


#12

1,1-Dichloroethene
Concen: 45.208 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 96 Resp: 77166
Ion Ratio Lower Upper
96 100
61 182.5 148.6 222.8
98 64.1 50.6 75.8





#13

Acrolein

Concen: 173.279 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

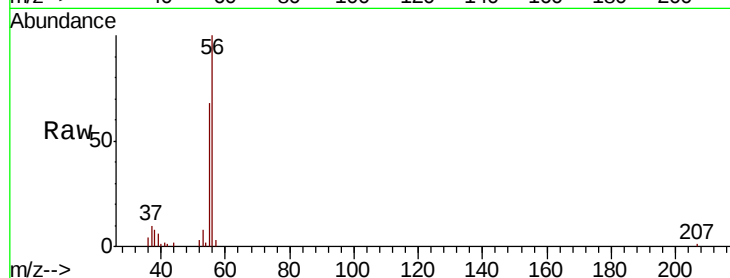
VSTDCCC050EC

Tot Ion: 56 Resp: 70088

Ion Ratio Lower Upper

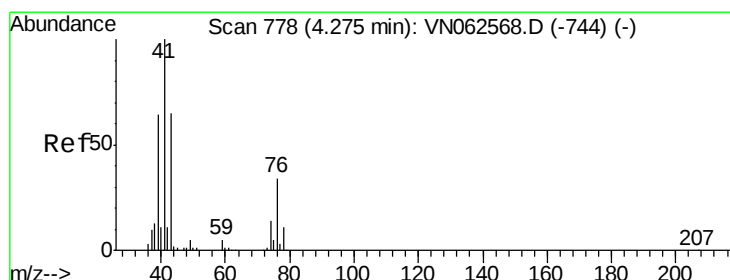
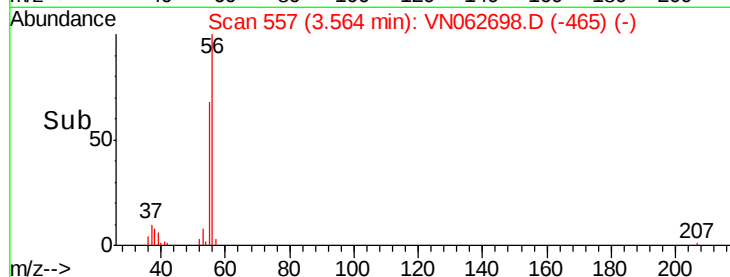
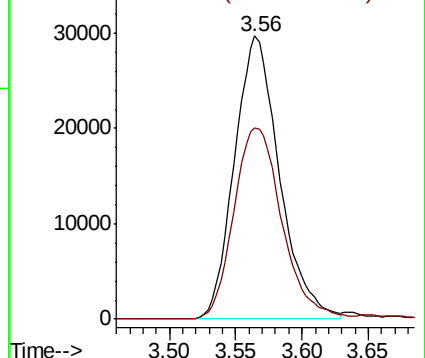
56 100

55 72.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 40.899 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

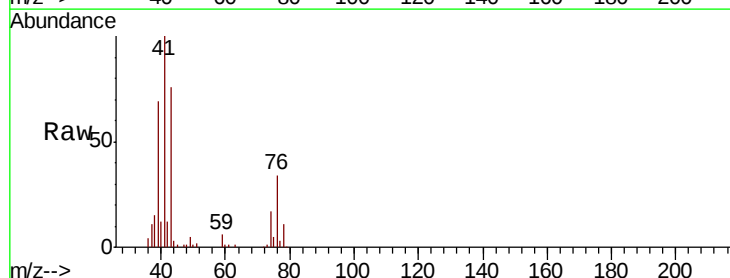
Tgt Ion: 41 Resp: 151009

Ion Ratio Lower Upper

41 100

39 66.8 49.0 73.4

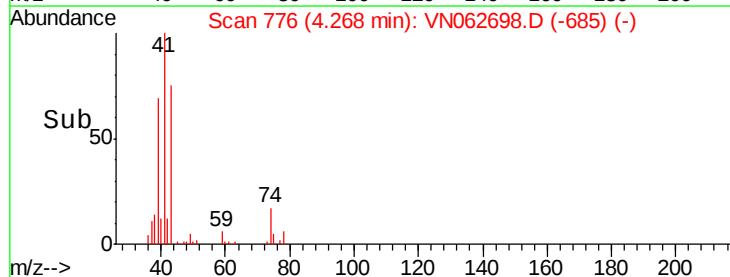
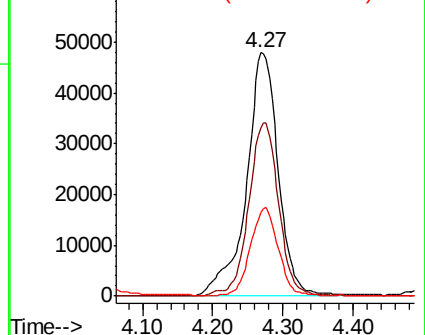
76 31.9 24.0 36.0

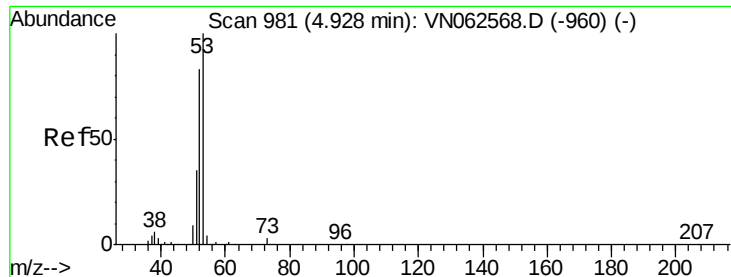


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 235.532 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

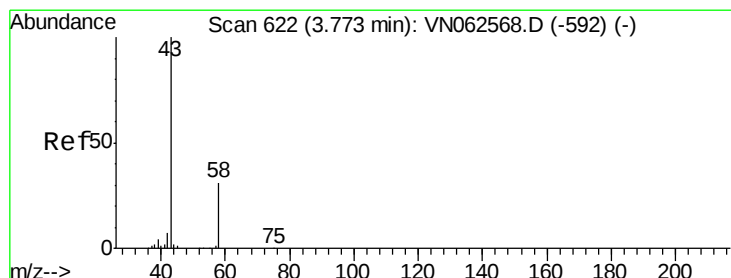
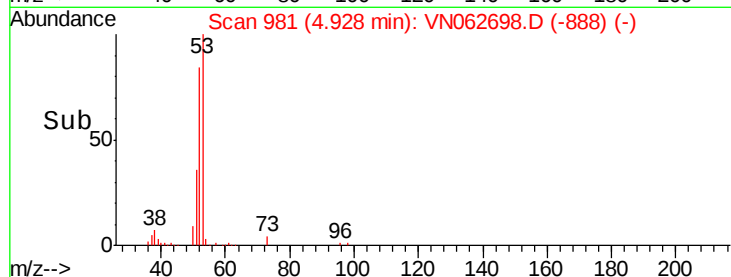
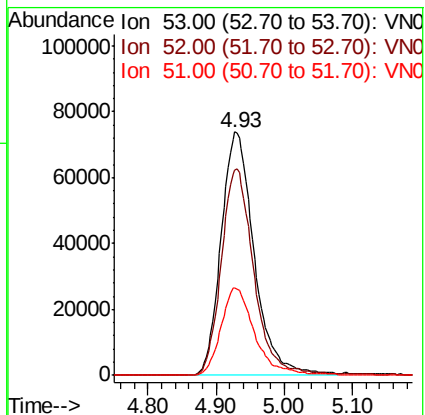
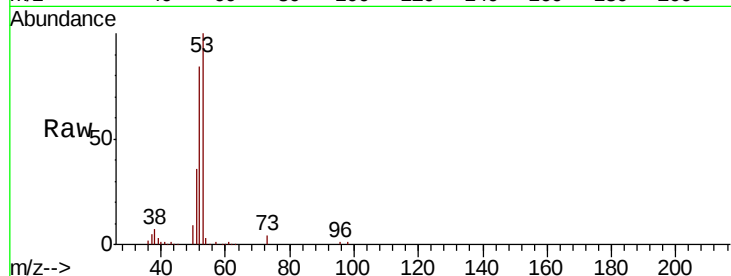
Tot Ion: 53 Resp: 248528

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 36.5 28.6 43.0



#16

Acetone

Concen: 228.326 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062698.D

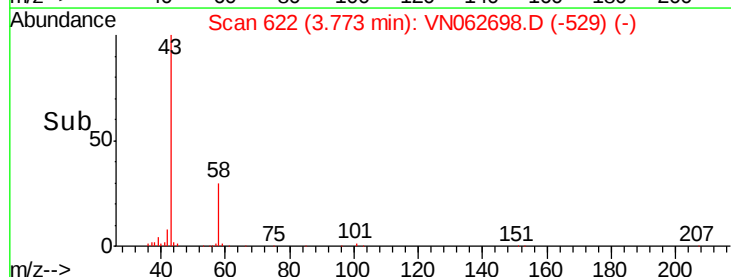
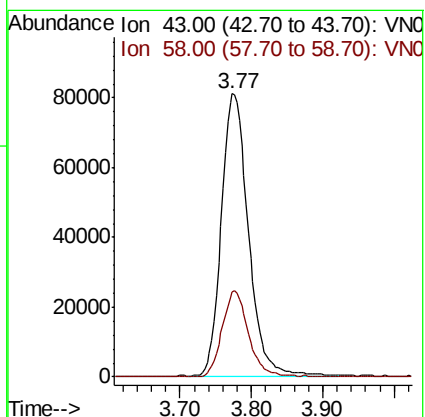
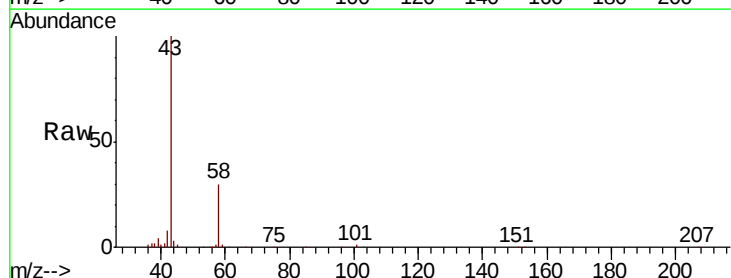
Acq: 31 Jul 2020 20:20

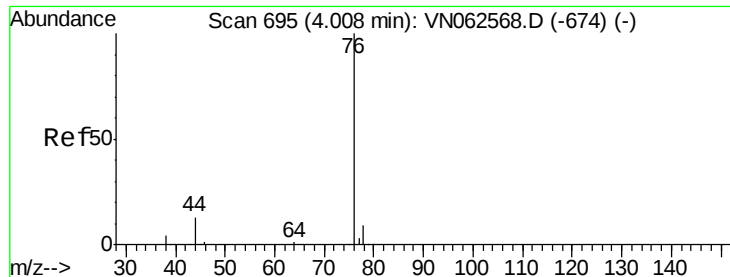
Tgt Ion: 43 Resp: 212775

Ion Ratio Lower Upper

43 100

58 30.3 24.6 37.0

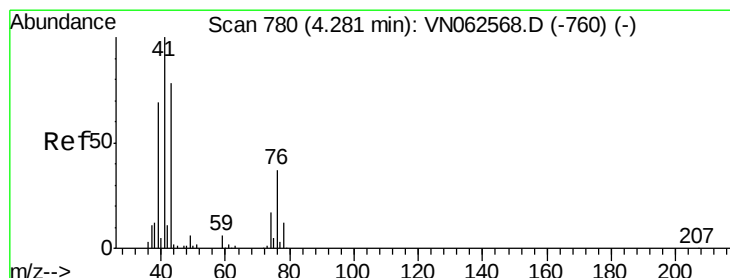
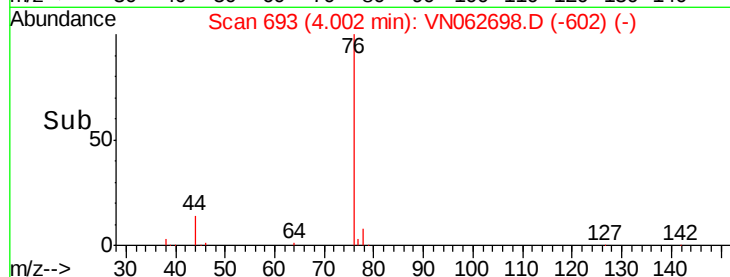
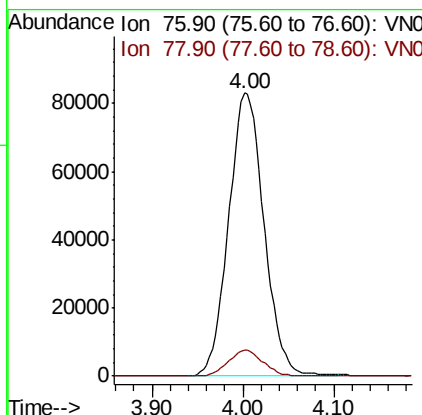
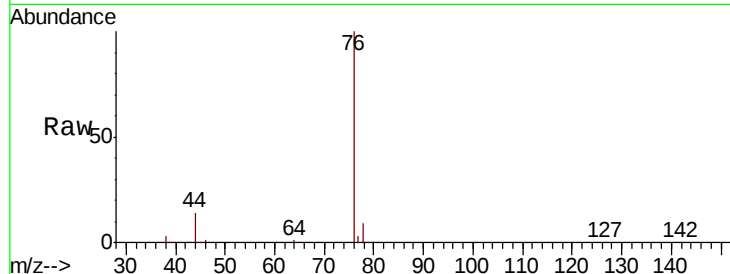




#17
Carbon Disulfide
Concen: 40.010 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

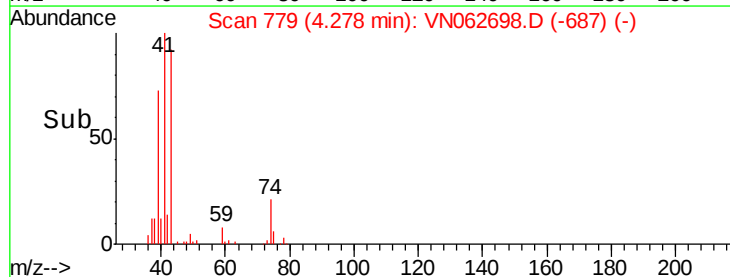
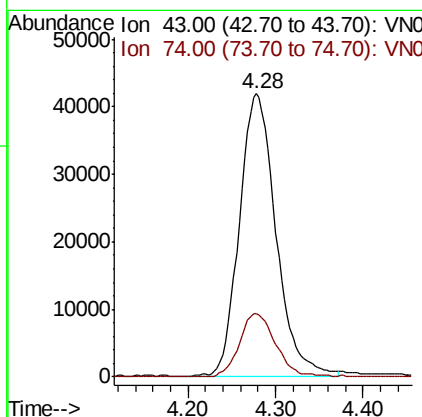
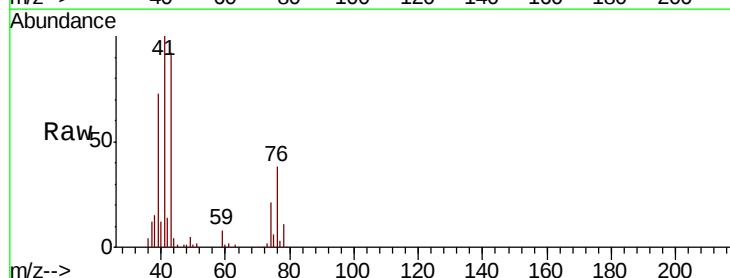
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

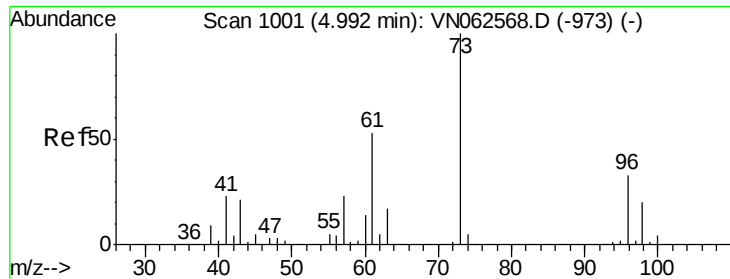
Tot Ion: 76 Resp: 224391
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 51.809 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 43 Resp: 122224
Ion Ratio Lower Upper
43 100
74 22.0 16.6 24.8

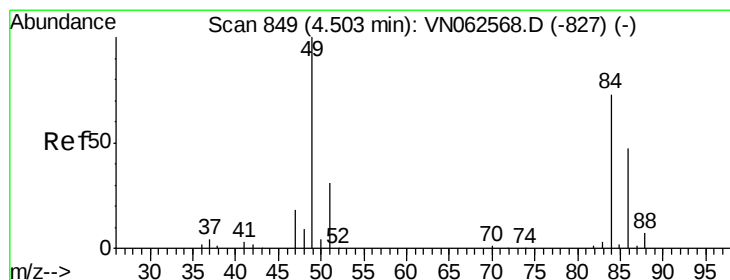
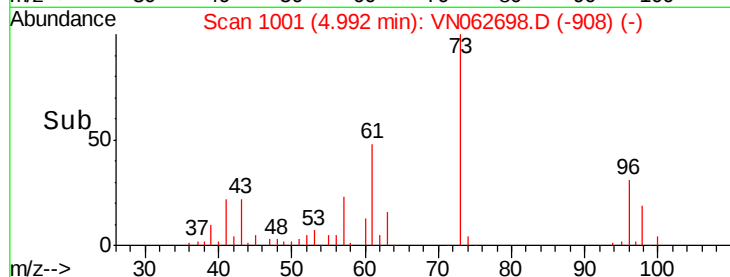
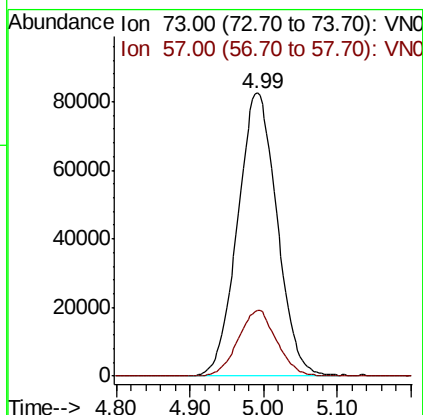
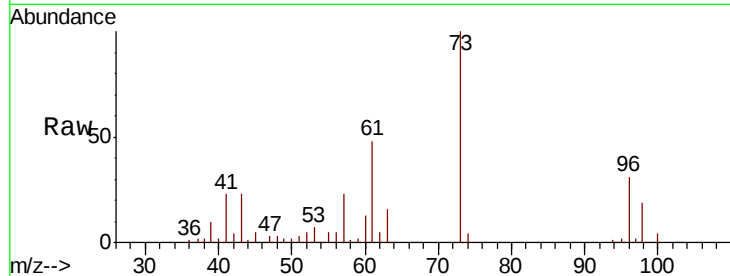




#19
Methyl tert-butyl Ether
Concen: 48.893 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

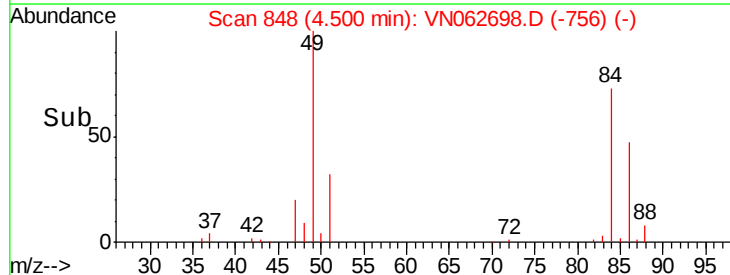
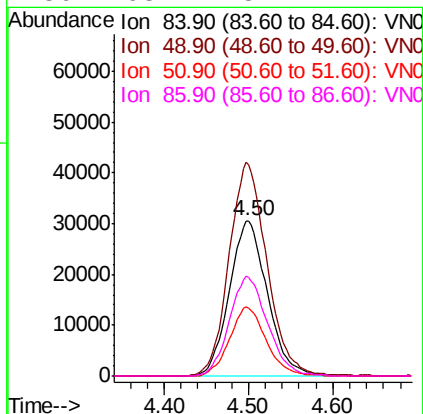
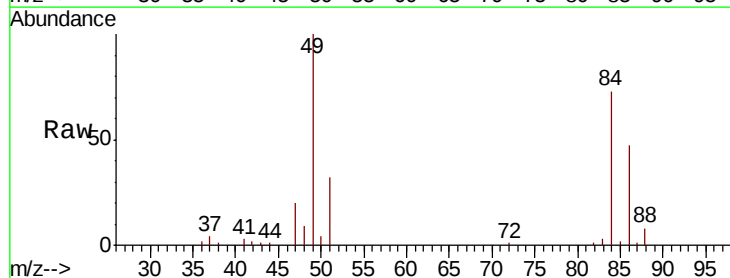
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

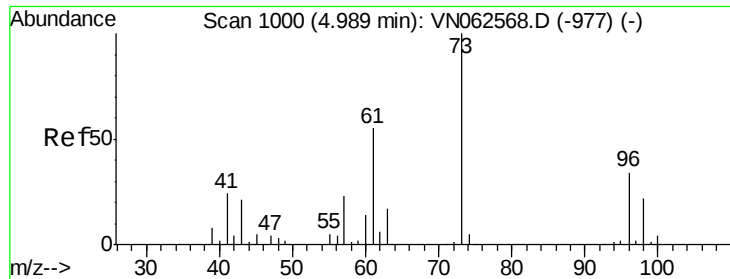
Tot Ion: 73 Resp: 307169
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8



#20
Methylene Chloride
Concen: 42.972 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 84 Resp: 96045
Ion Ratio Lower Upper
84 100
49 136.1 109.4 164.0
51 43.8 33.6 50.4
86 63.4 51.4 77.2

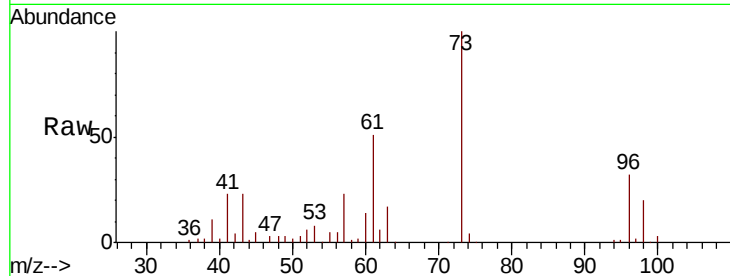




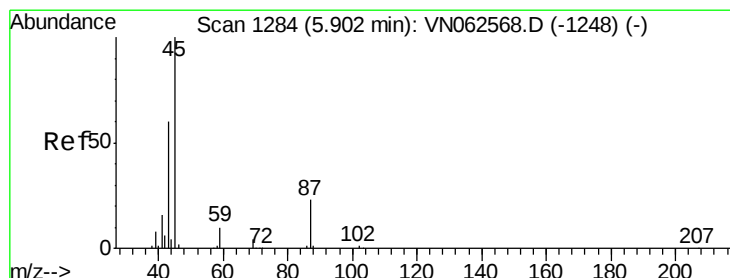
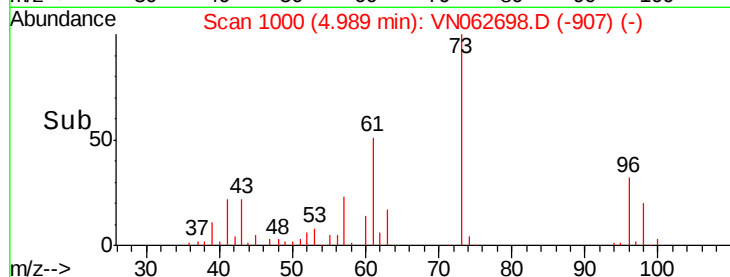
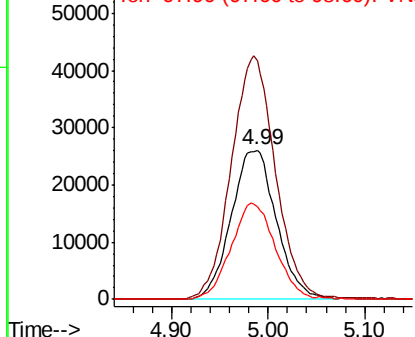
#21
trans-1,2-Dichloroethene
Concen: 44.609 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 84509
Ion Ratio Lower Upper
96 100
61 159.2 128.6 192.8
98 62.0 50.6 76.0

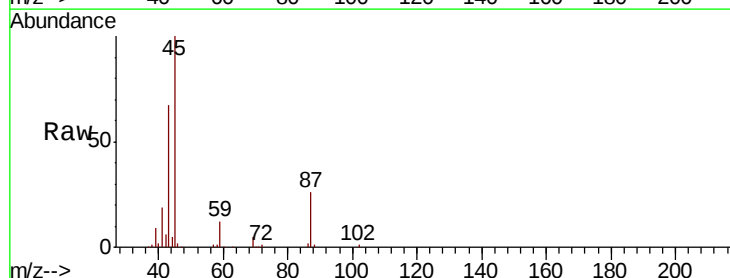


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

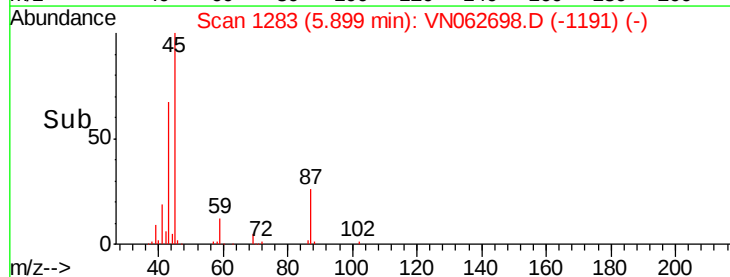
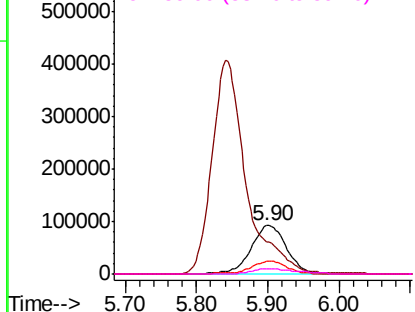


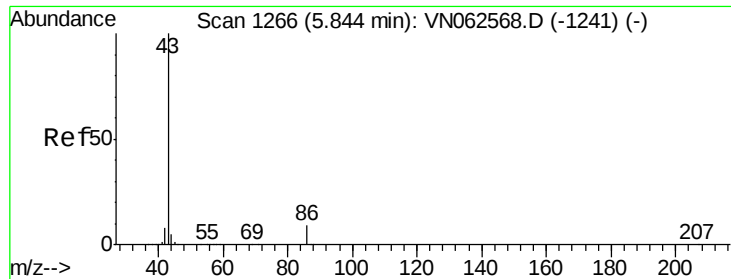
#22
Diisopropyl ether
Concen: 43.698 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 45 Resp: 320706
Ion Ratio Lower Upper
45 100
43 65.5 48.7 73.1
87 25.7 19.0 28.6
59 11.3 8.6 13.0



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





#23

Vinyl Acetate

Concen: 224.196 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

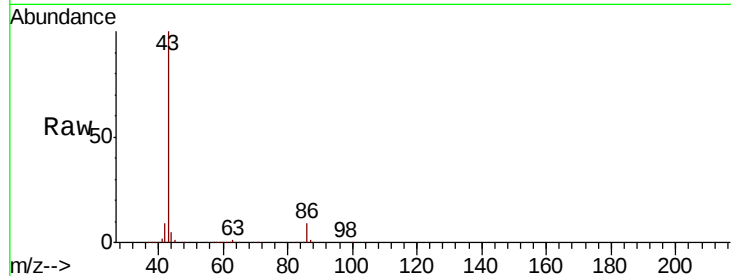
VSTDCCC050EC

Tot Ion: 43 Resp: 1348213

Ion Ratio Lower Upper

43 100

86 9.2 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062568.D (-1241) (-)

5.84

400000

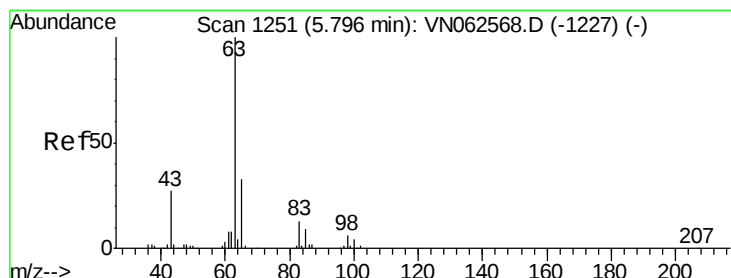
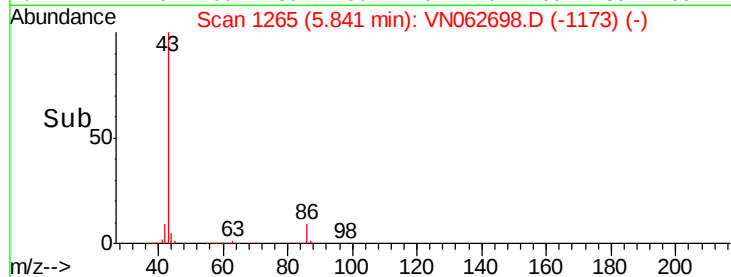
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.352 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

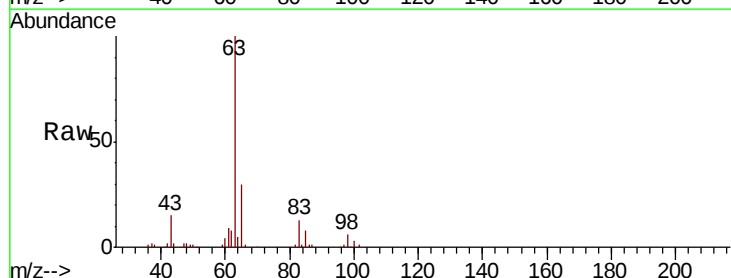
Tgt Ion: 63 Resp: 179237

Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

100 3.3 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062568.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062568.D (-1227) (-)

5.79

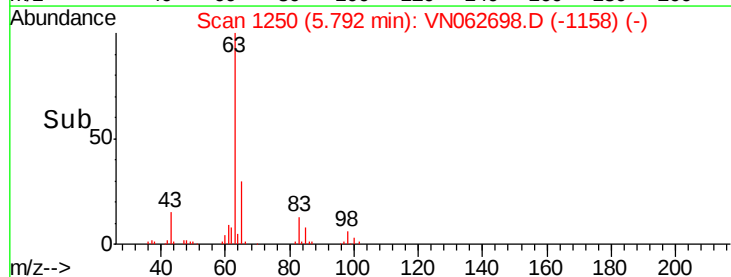
60000

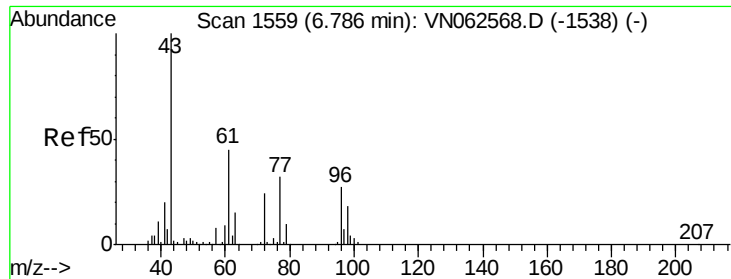
40000

20000

0

Time-->





#25

2-Butanone

Concen: 230.100 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

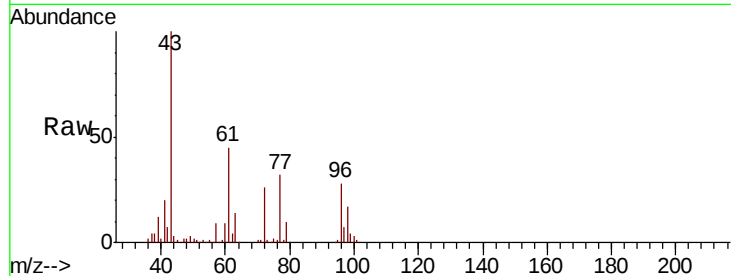
VSTDCCC050EC

Tot Ion: 43 Resp: 326567

Ion Ratio Lower Upper

43 100

72 25.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN062568.D (-1538) (-)

6.79

120000

100000

80000

60000

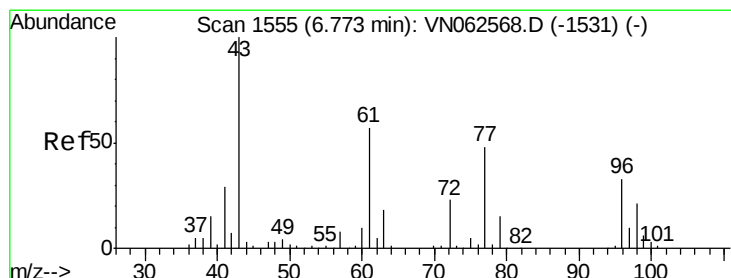
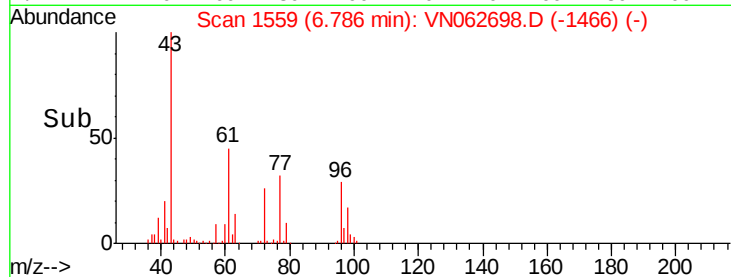
40000

20000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 42.360 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062698.D

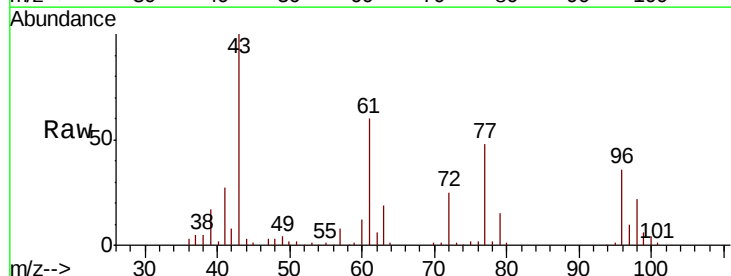
Acq: 31 Jul 2020 20:20

Tgt Ion: 77 Resp: 137428

Ion Ratio Lower Upper

77 100

97 20.9 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VN062568.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062568.D (-1531) (-)

6.77

50000

40000

30000

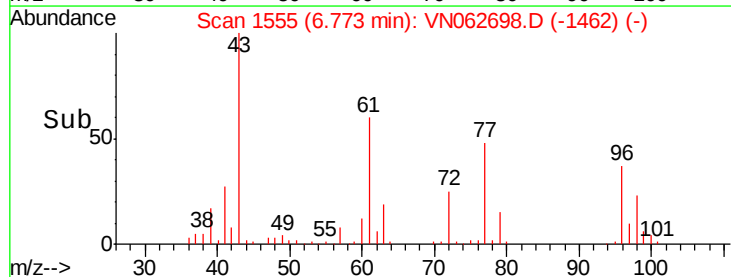
20000

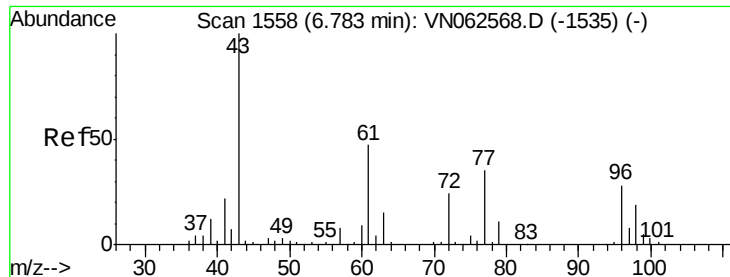
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.657 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

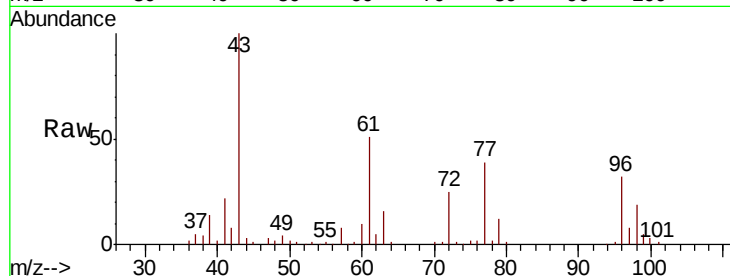
Tot Ion: 96 Resp: 98700

Ion Ratio Lower Upper

96 100

61 163.8 0.0 332.4

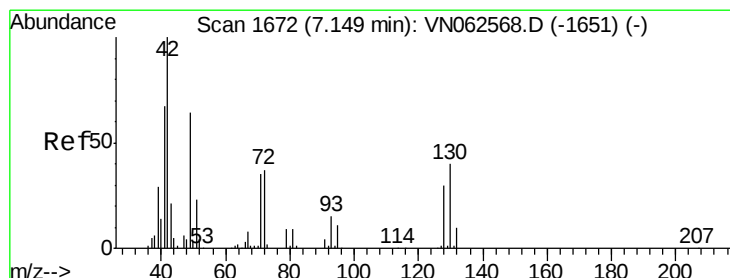
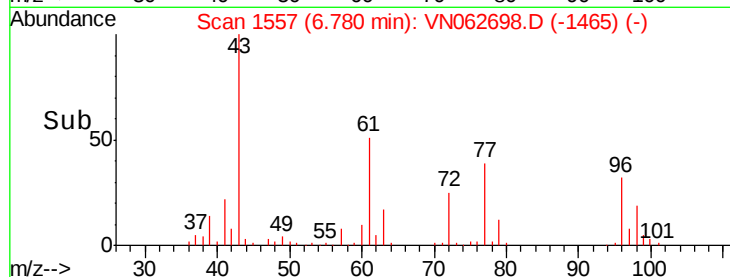
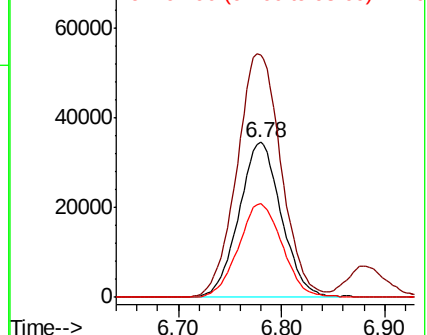
98 62.6 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1535) (-)



#28

Bromochloromethane

Concen: 41.387 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

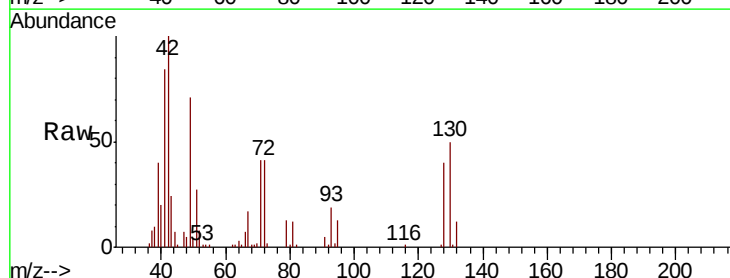
Tgt Ion: 49 Resp: 80496

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.4

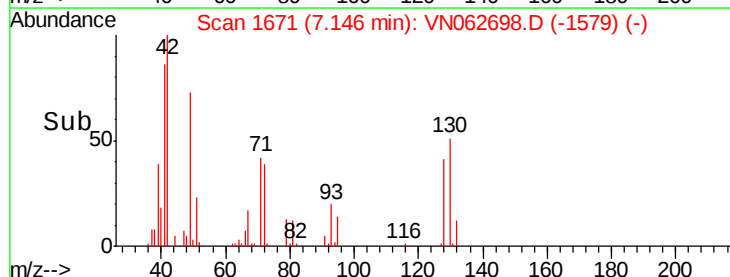
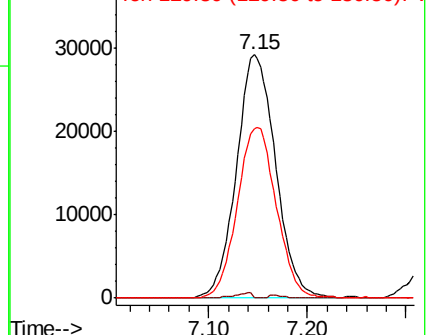
130 69.8 49.8 74.8

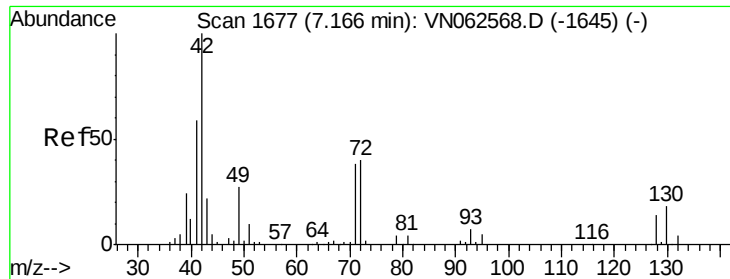


Abundance Ion 48.90 (48.60 to 49.60): VN062568.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN062568.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062568.D (-1651) (-)

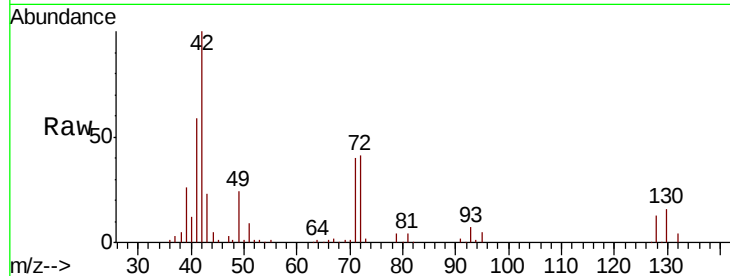




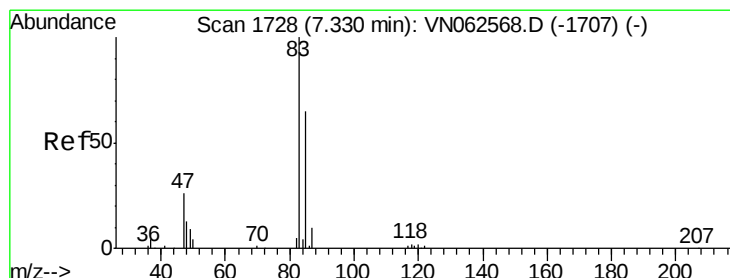
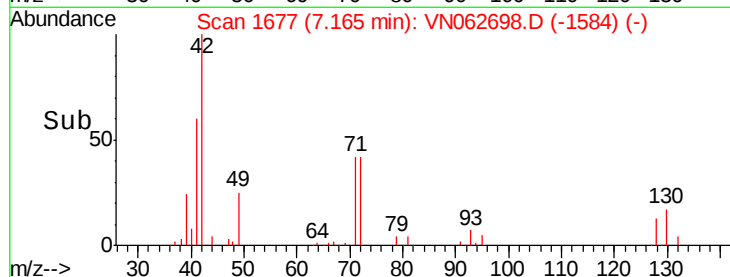
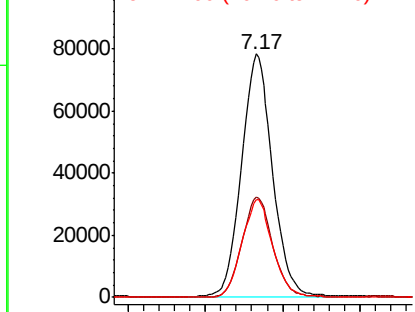
#29
Tetrahydrofuran
Concen: 228.638 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 219570
Ion Ratio Lower Upper
42 100
72 40.7 30.7 46.1
71 39.8 29.1 43.7

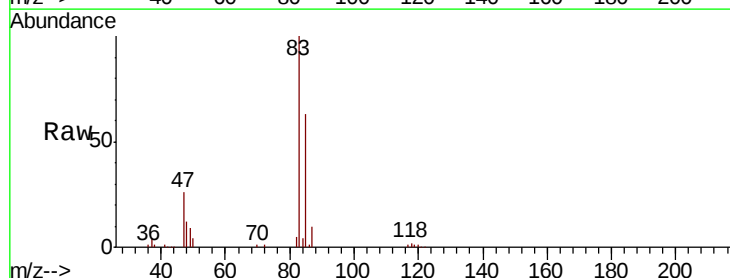


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

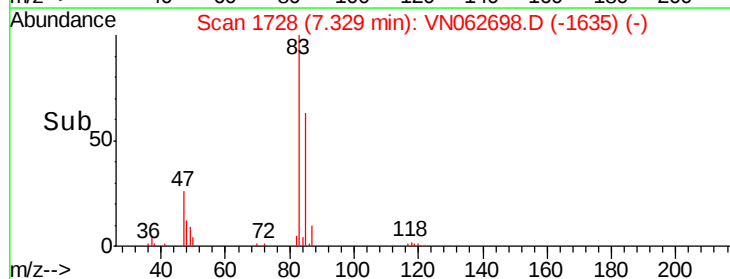
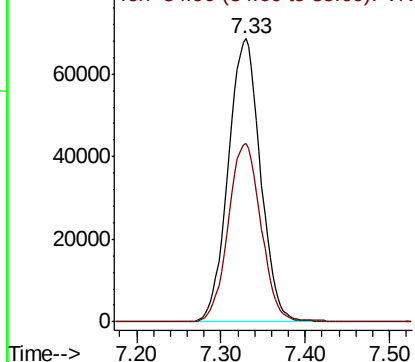


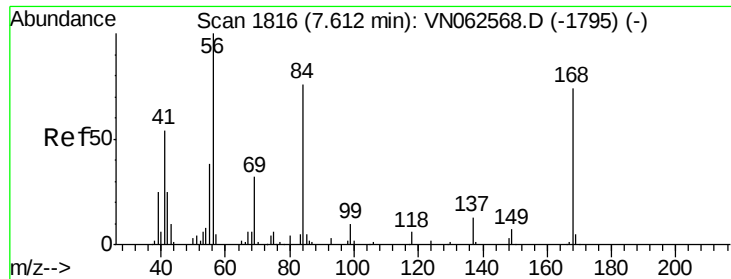
#30
Chloroform
Concen: 48.604 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 83 Resp: 182639
Ion Ratio Lower Upper
83 100
85 63.0 52.0 78.0



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

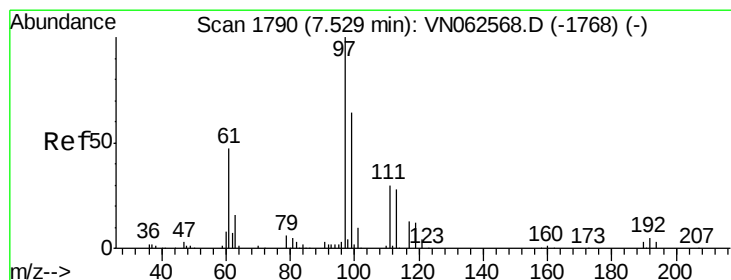
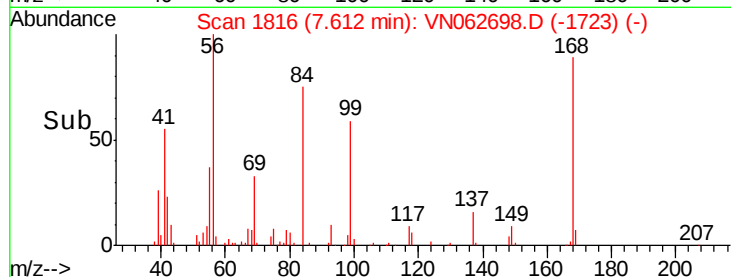
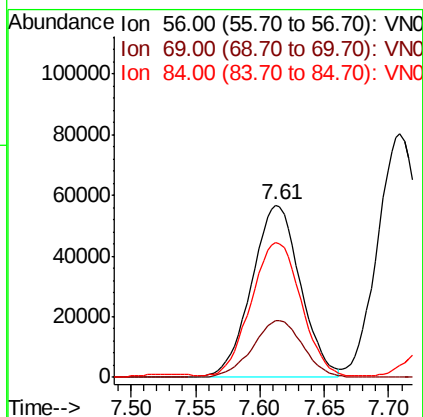
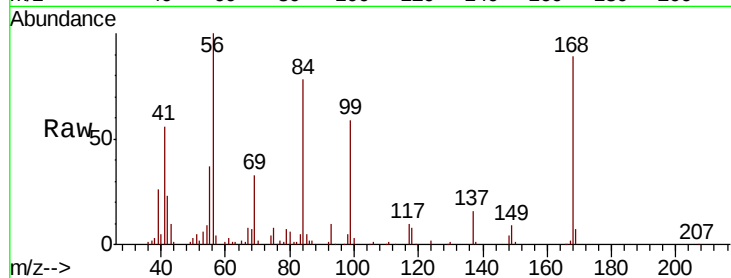




#31
Cyclohexane
Concen: 41.015 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

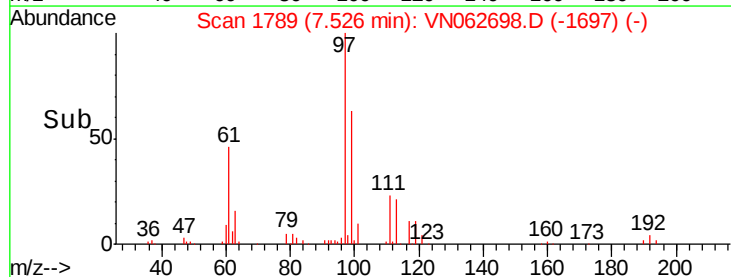
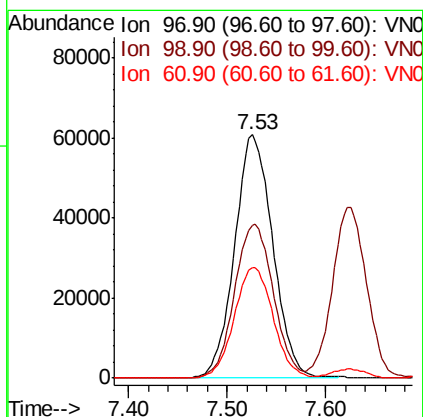
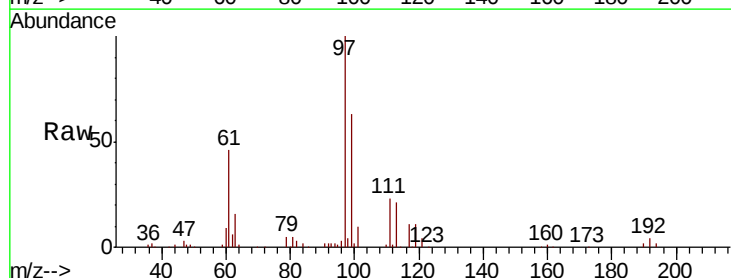
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

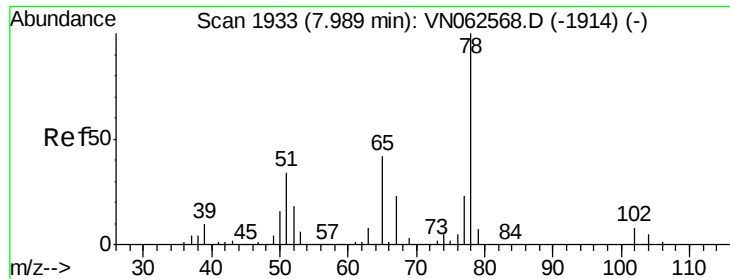
Tot Ion: 56 Resp: 149660
Ion Ratio Lower Upper
56 100
69 32.6 25.3 37.9
84 77.0 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 52.092 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 97 Resp: 163425
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 46.2 38.4 57.6

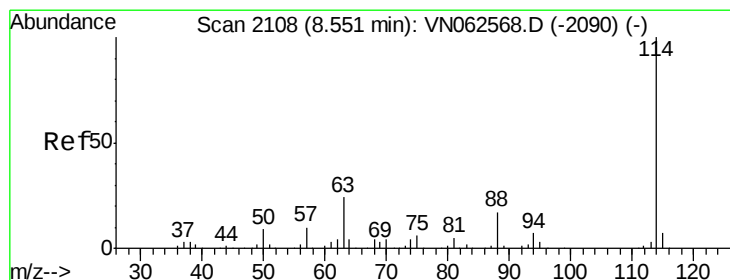
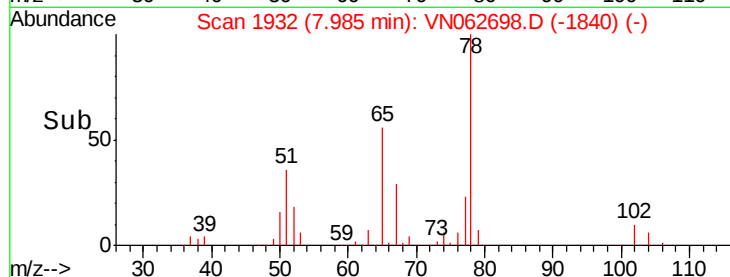
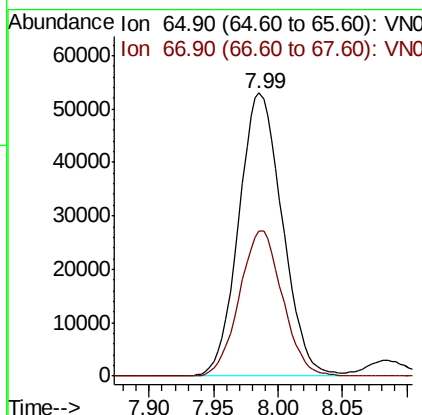
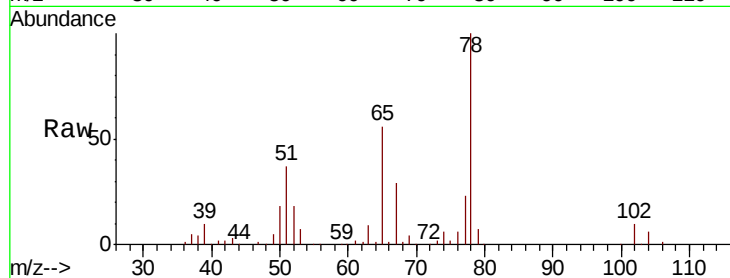




#33
 1,2-Dichloroethane-d4
 Concen: 50.387 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

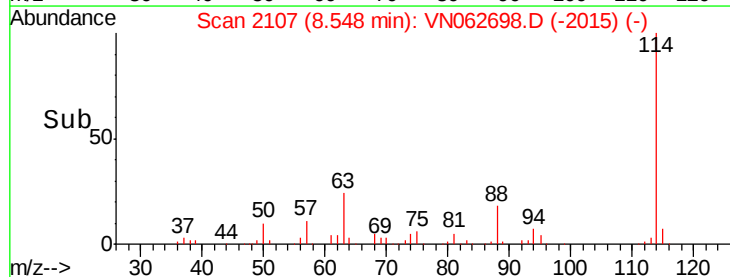
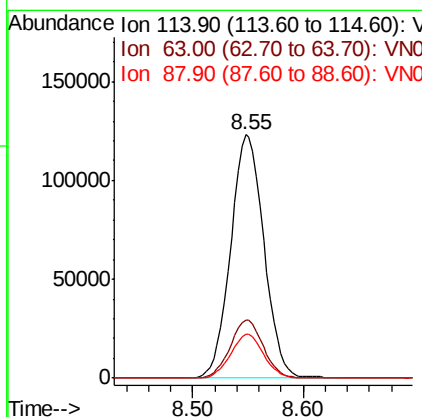
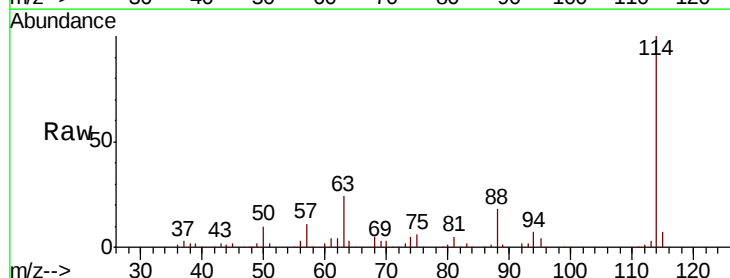
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

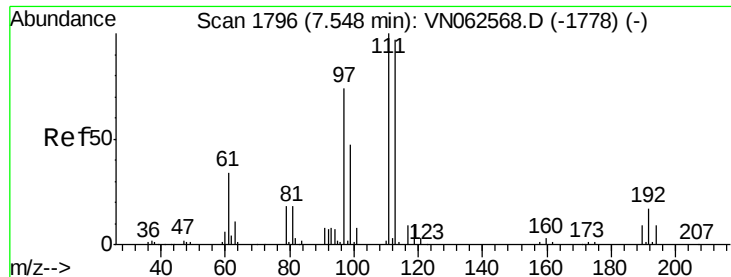
Tot Ion: 65 Resp: 124778
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion: 114 Resp: 256957
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.4
 88 17.8 0.0 33.8

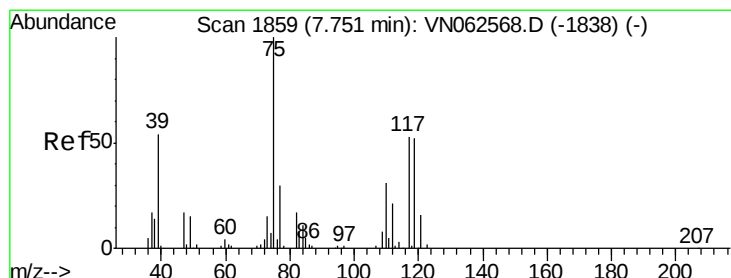
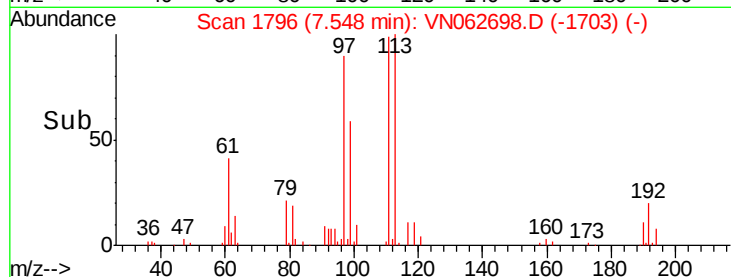
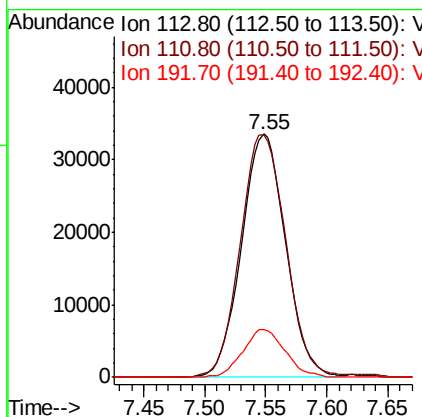
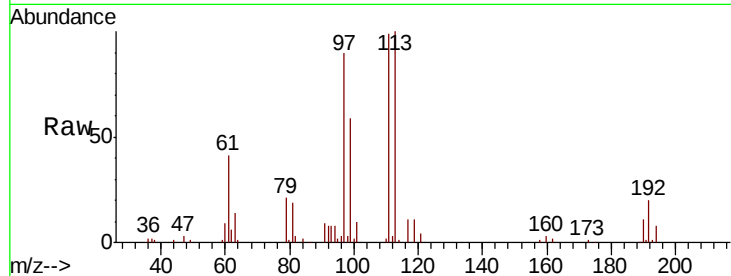




#35
 Dibromofluoromethane
 Concen: 49.695 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

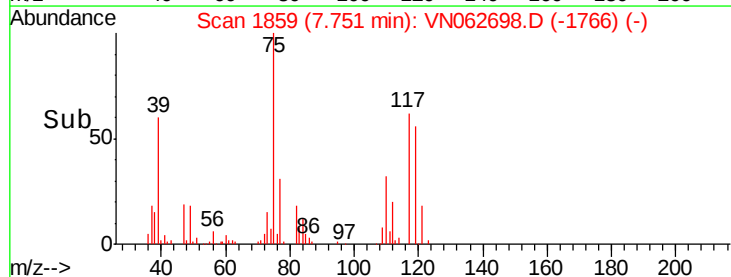
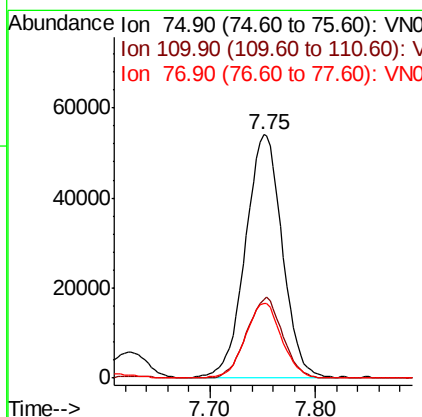
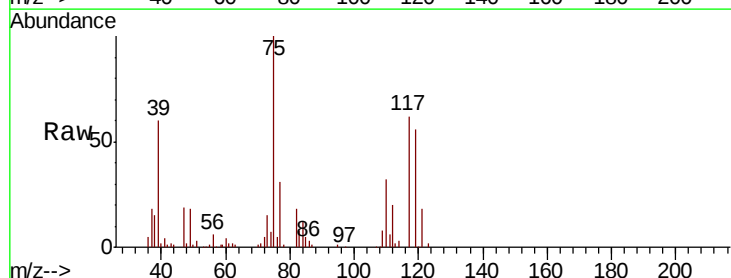
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

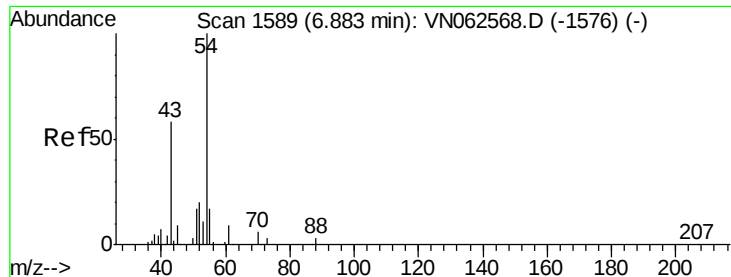
Tot Ion:113 Resp: 83877
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 18.8 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 48.234 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion: 75 Resp: 132107
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.0 48.0
 77 30.4 24.6 36.8

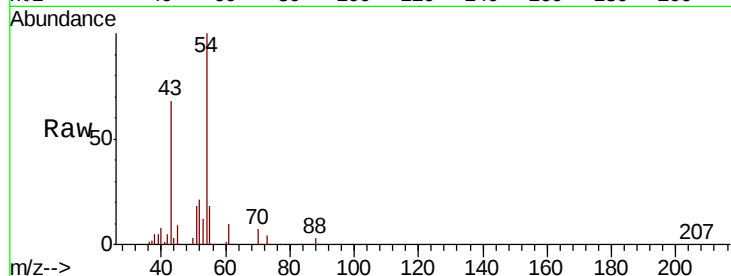




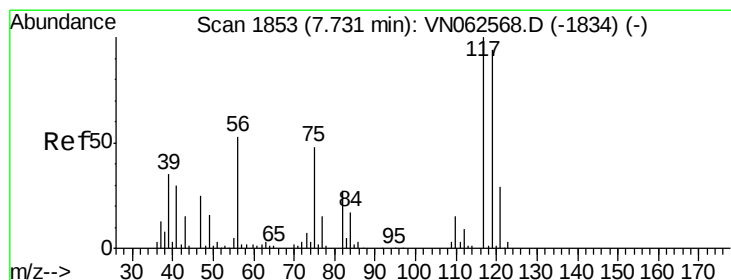
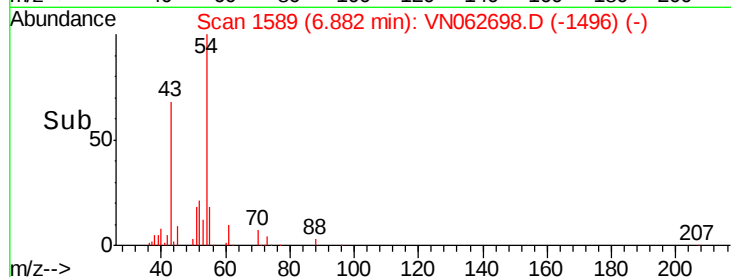
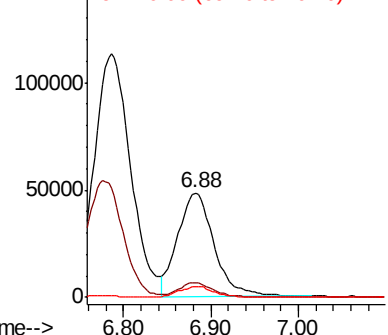
#37
Ethyl Acetate
Concen: 47.223 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 139419
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 9.8 7.7 11.5

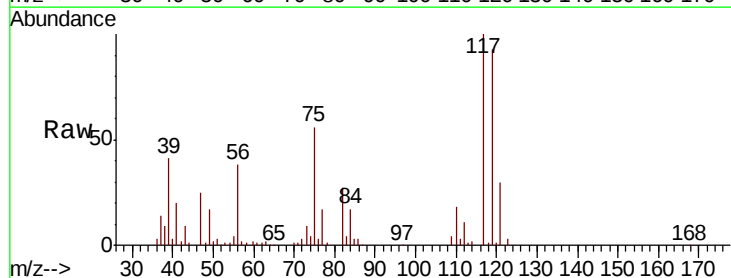


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

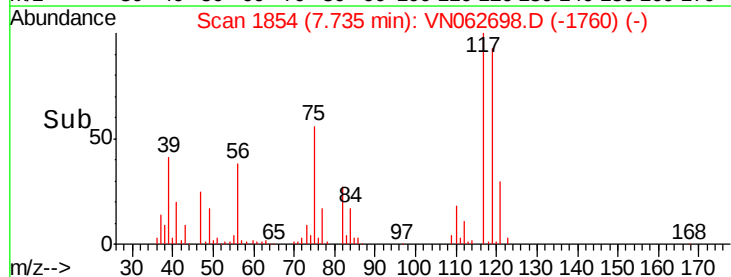
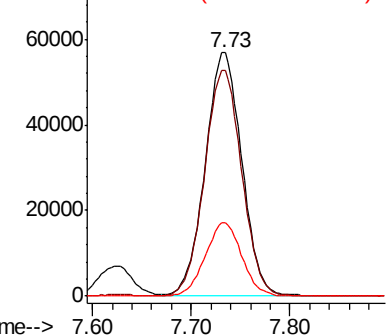


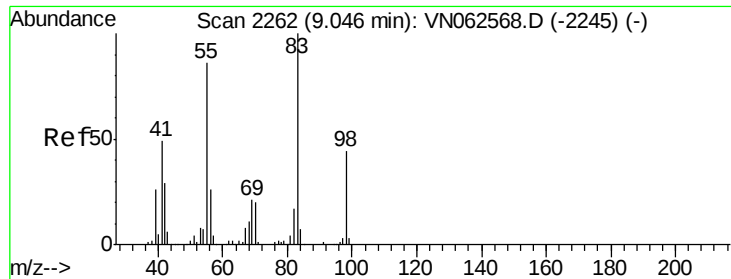
#38
Carbon Tetrachloride
Concen: 55.759 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 117 Resp: 146795
Ion Ratio Lower Upper
117 100
119 92.6 74.8 112.2
121 30.4 23.0 34.6



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

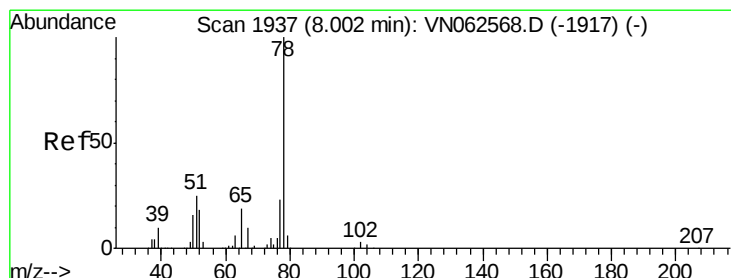
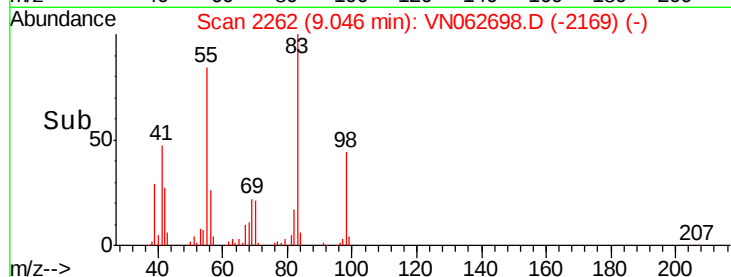
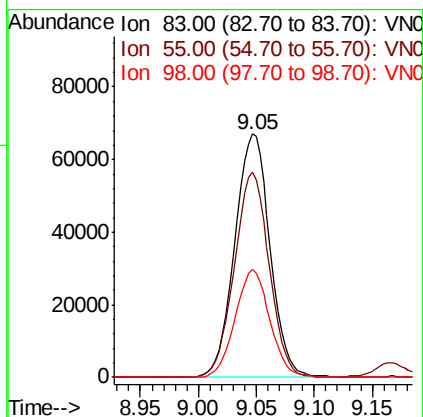
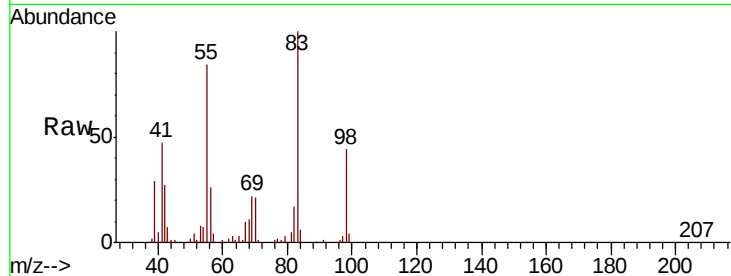




#39
Methvlcvclohexane
Concen: 47.858 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

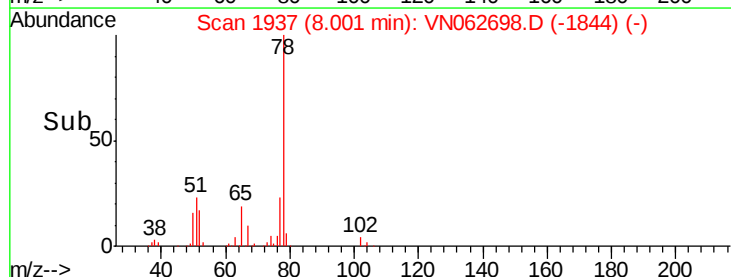
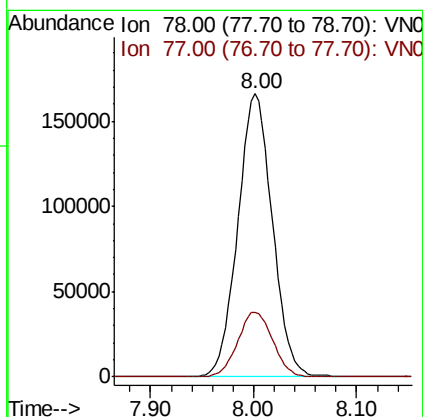
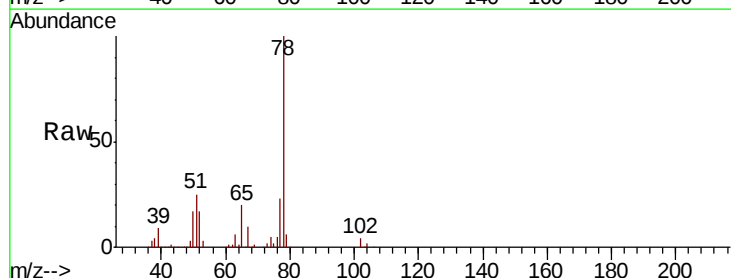
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

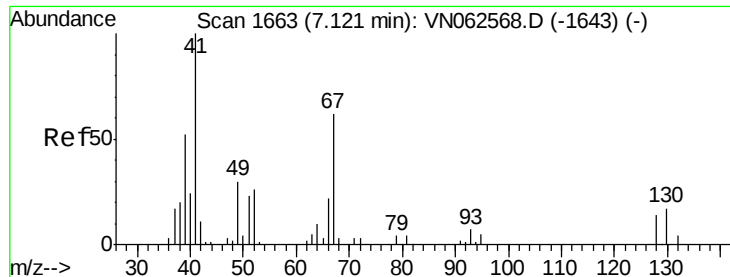
Tot Ion: 83 Resp: 141101
Ion Ratio Lower Upper
83 100
55 84.2 68.9 103.3
98 44.3 35.1 52.7



#40
Benzene
Concen: 46.635 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 78 Resp: 386689
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

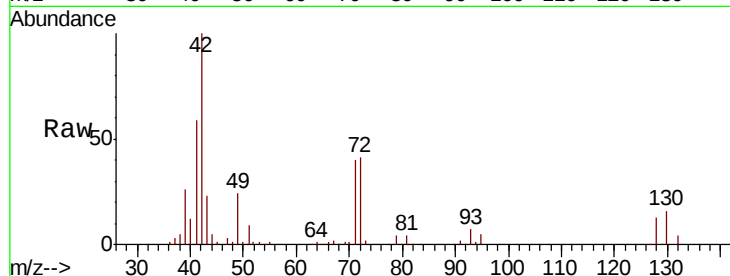




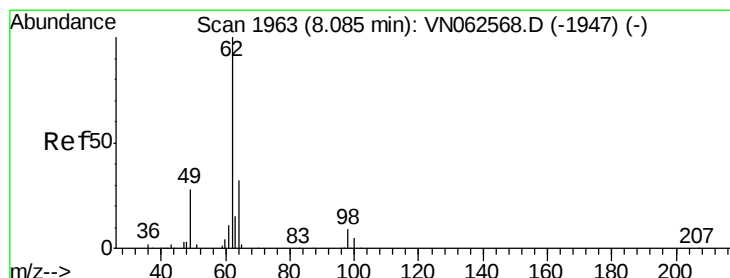
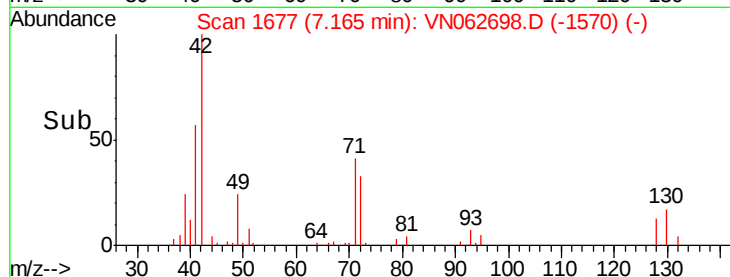
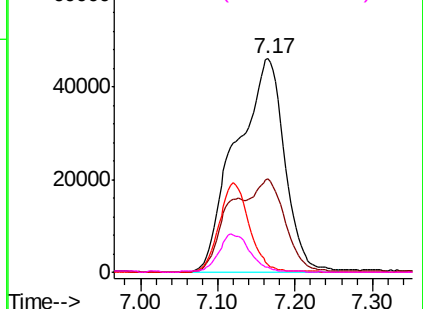
#41
Methacrylonitrile
Concen: 159.168 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.05 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 201400
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 72.5 108.7#
52 0.0 31.8 47.8#

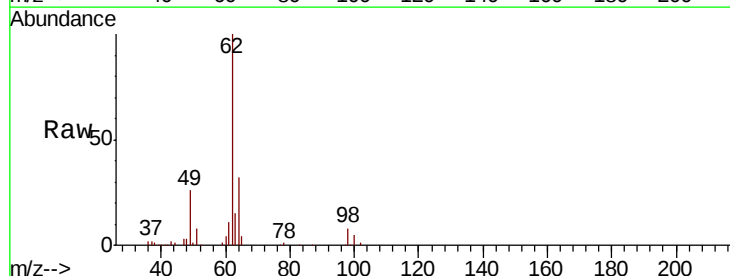


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

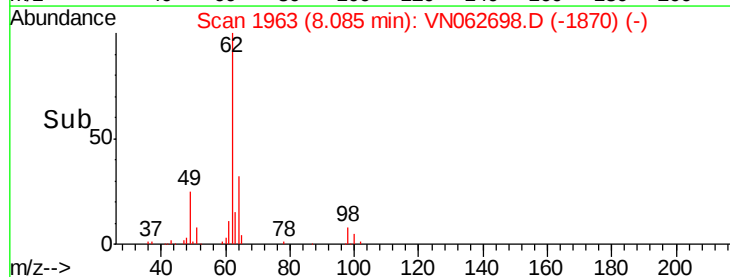
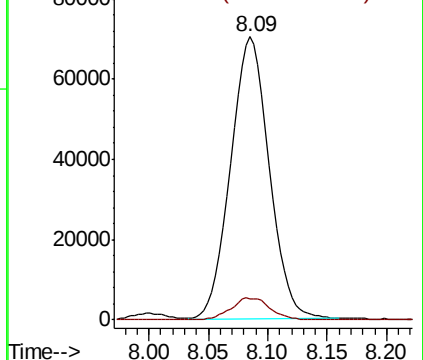


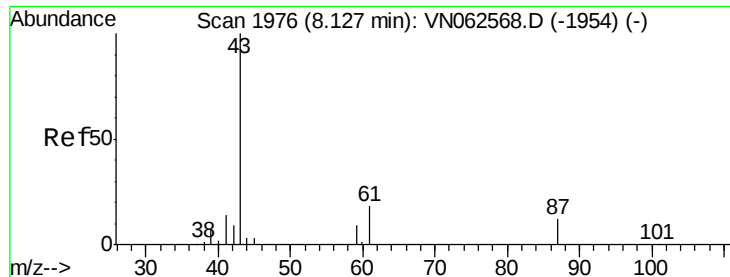
#42
1,2-Dichloroethane
Concen: 52.128 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 62 Resp: 158024
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 48.861 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

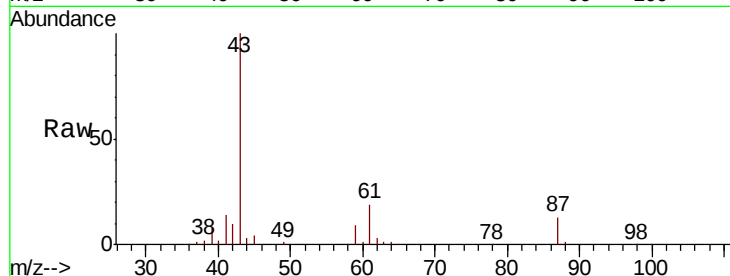
Tot Ion: 43 Resp: 232553

Ion Ratio Lower Upper

43 100

61 18.7 20.8 31.2#

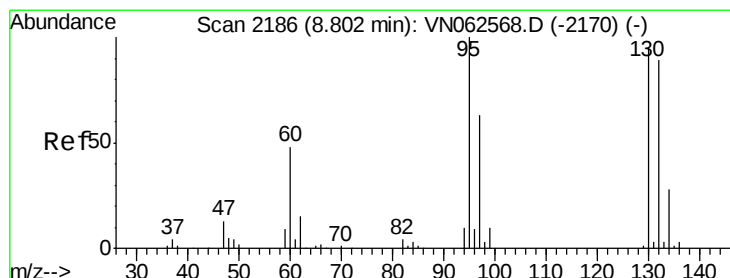
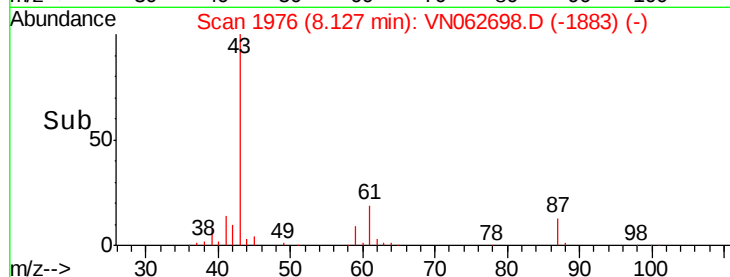
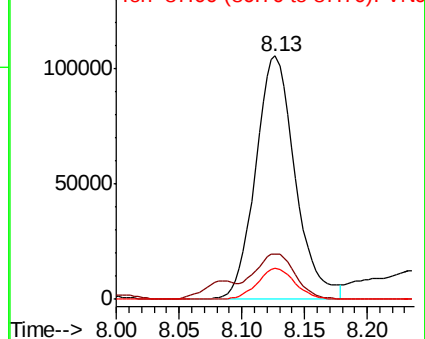
87 12.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062698.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062698.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062698.D (-1954) (-)



#44

Trichloroethene

Concen: 48.316 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062698.D

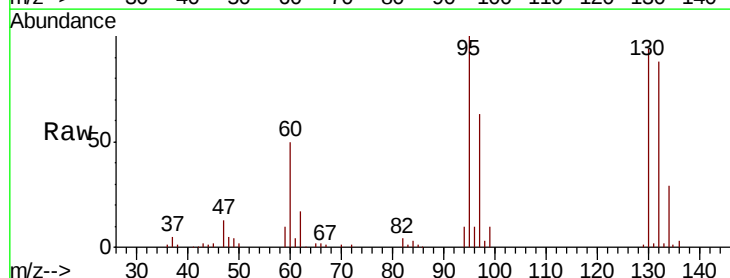
Acq: 31 Jul 2020 20:20

Tgt Ion:130 Resp: 90347

Ion Ratio Lower Upper

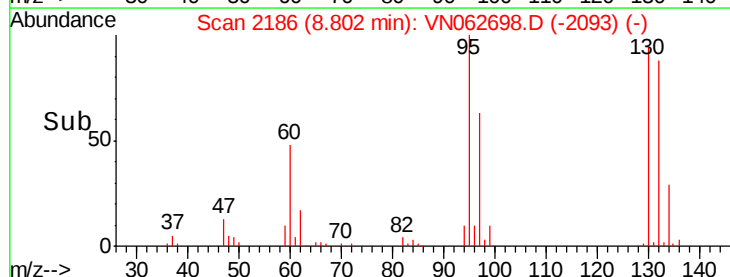
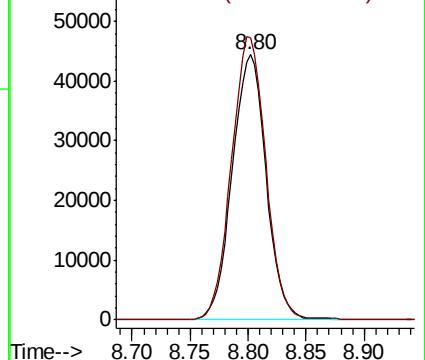
130 100

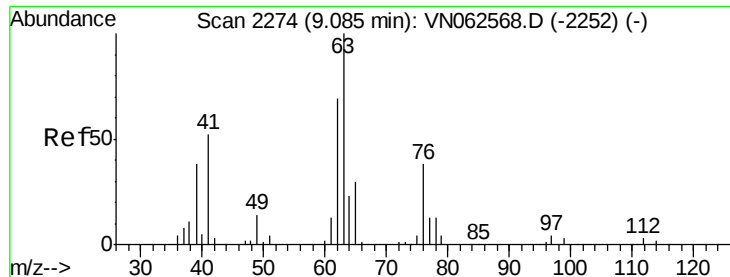
95 106.4 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062698.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062698.D (-2093) (-)

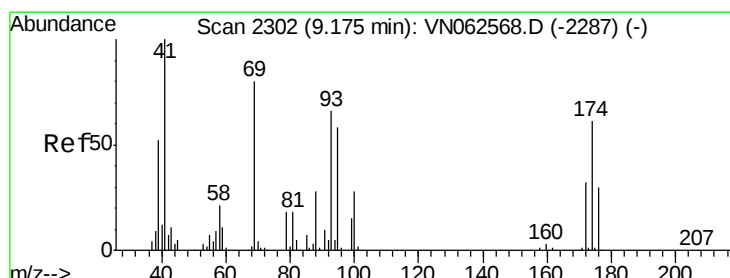
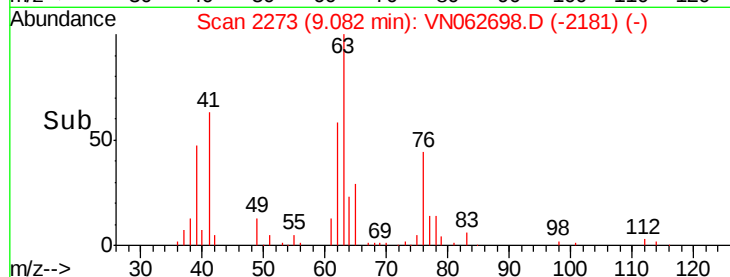
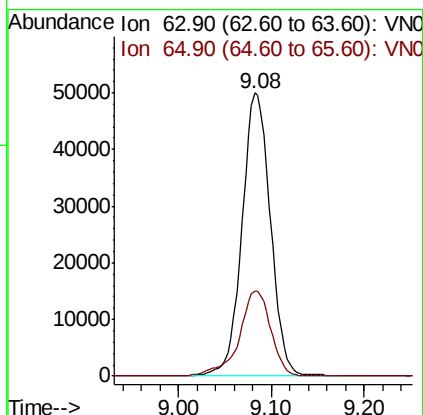
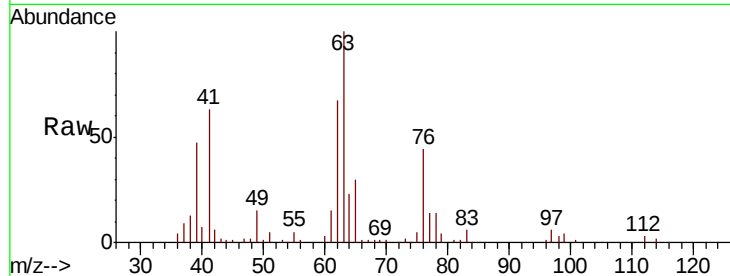




#45
 1,2-Dichloropropane
 Concen: 45.656 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

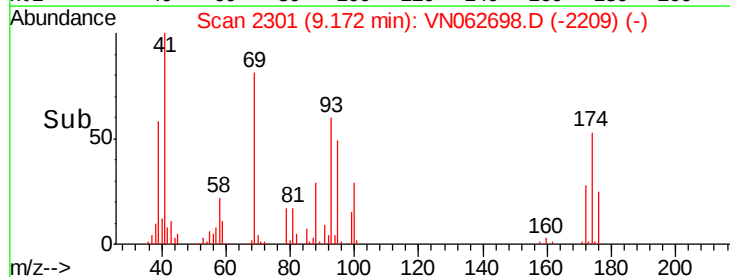
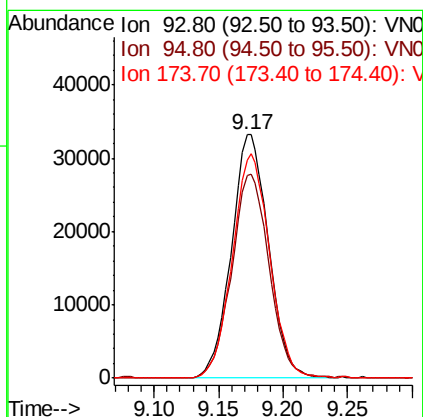
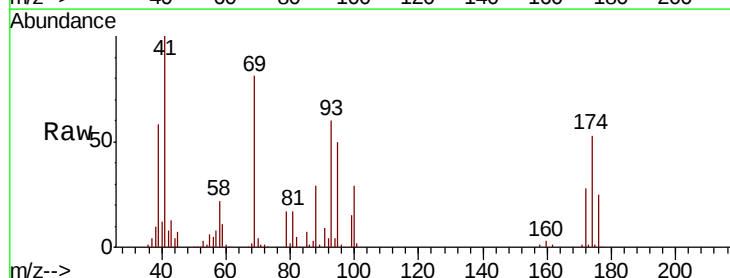
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

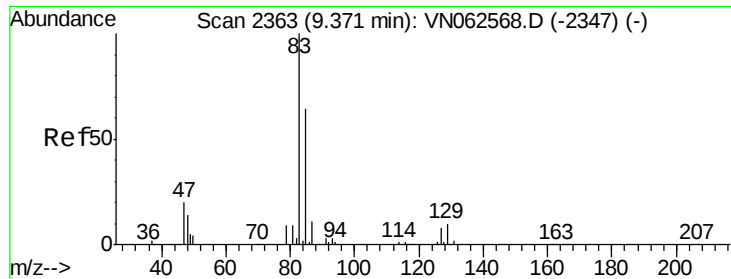
Tot Ion: 63 Resp: 106293
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.4 36.6



#46
 Dibromomethane
 Concen: 49.372 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion: 93 Resp: 66434
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.6 101.4
 174 92.5 72.5 108.7

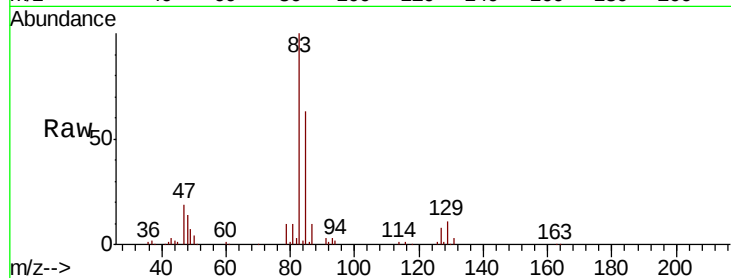




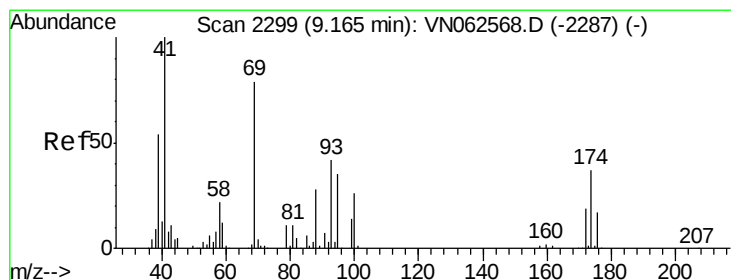
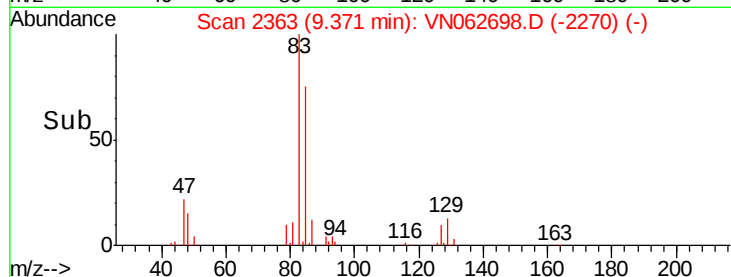
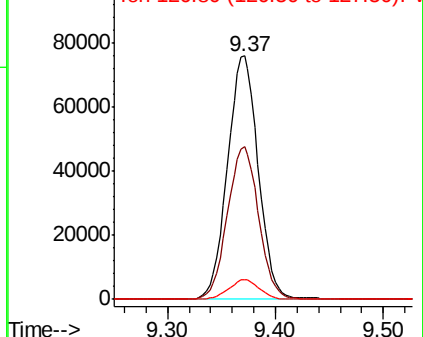
#47
Bromodichloromethane
Concen: 51.710 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 150744
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4
127 8.3 6.2 9.2

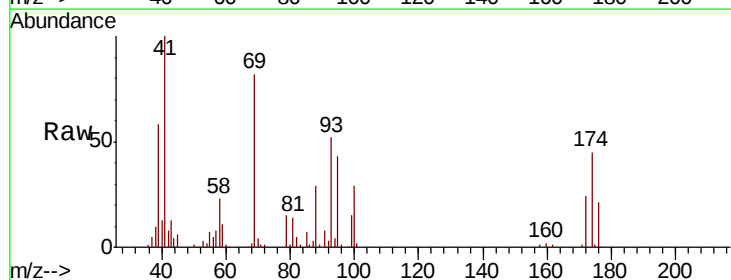


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

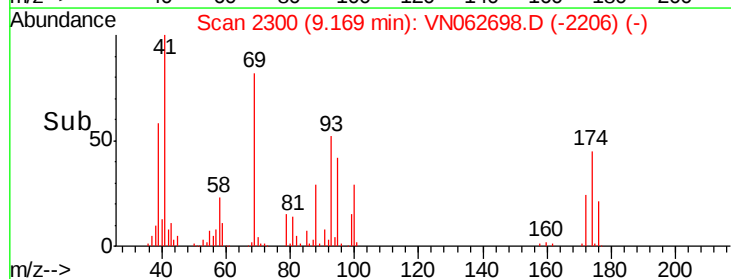
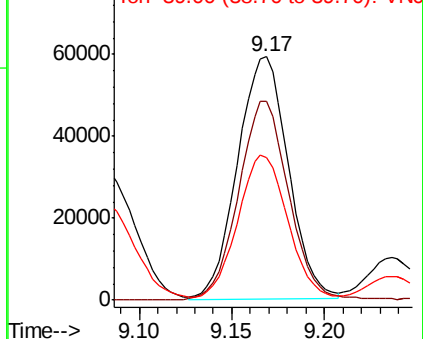


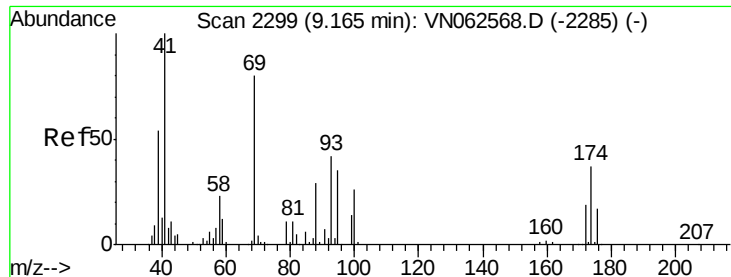
#48
Methyl methacrylate
Concen: 49.811 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 41 Resp: 112697
Ion Ratio Lower Upper
41 100
69 81.3 64.4 96.6
39 59.1 43.5 65.3



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

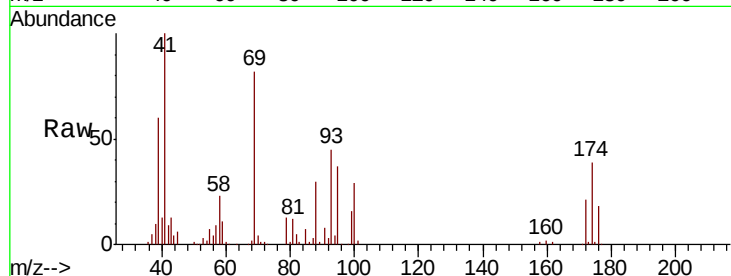




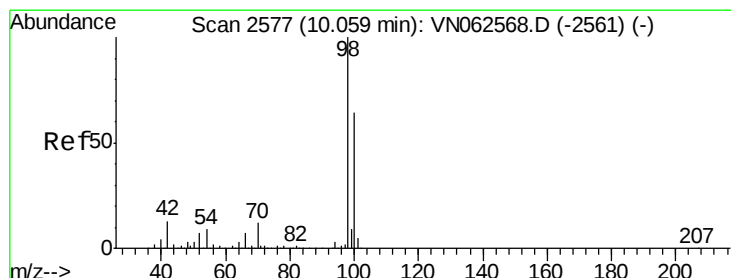
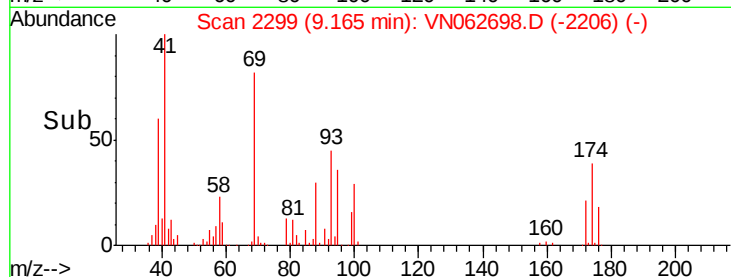
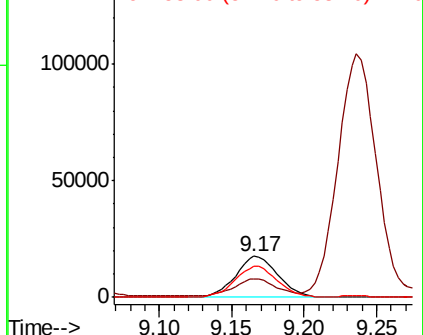
#49
1,4-Dioxane
Concen: 1019.308 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 35420
Ion Ratio Lower Upper
88 100
43 39.2 32.0 48.0
58 76.1 62.8 94.2

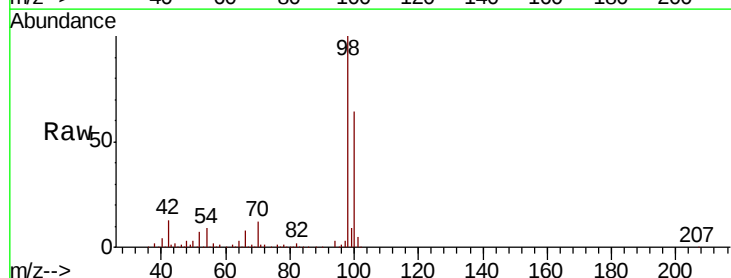


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

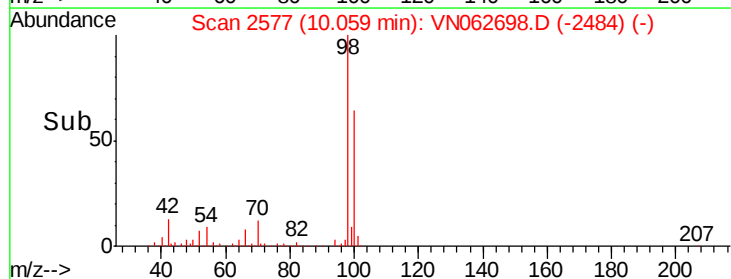
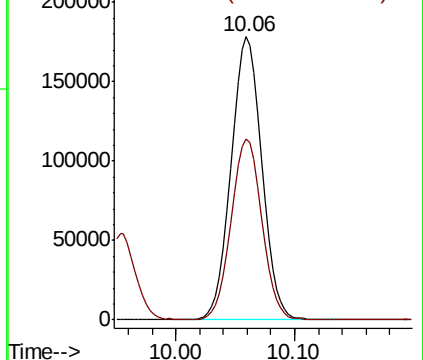


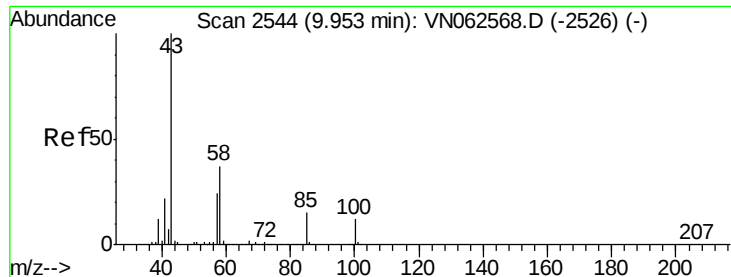
#50
Toluene-d8
Concen: 47.556 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 98 Resp: 320262
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 251.015 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

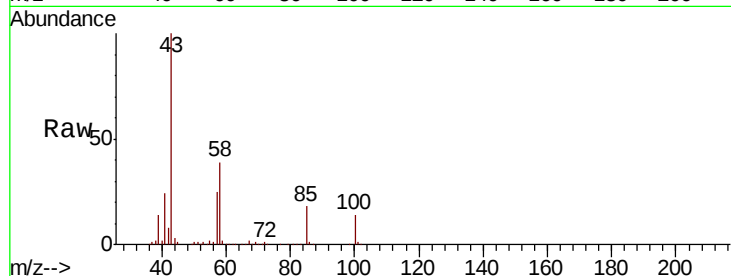
VSTDCCC050EC

Tot Ion: 43 Resp: 714831

Ion Ratio Lower Upper

43 100

58 38.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

9.95

400000

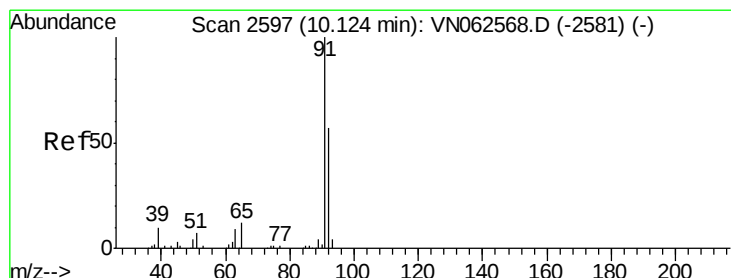
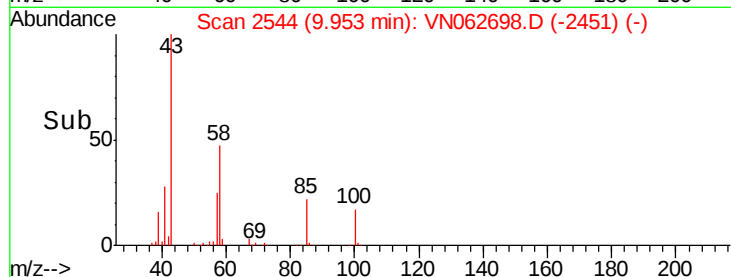
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.999 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062698.D

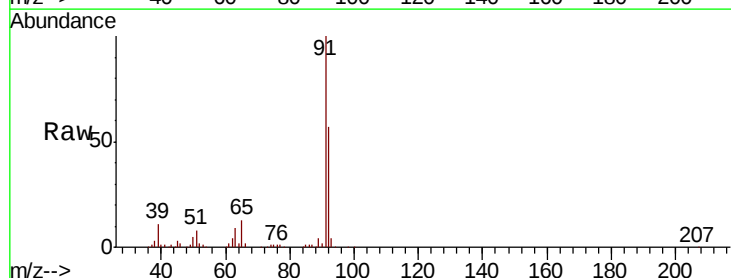
Acq: 31 Jul 2020 20:20

Tgt Ion: 92 Resp: 235921

Ion Ratio Lower Upper

92 100

91 175.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

10.12

250000

200000

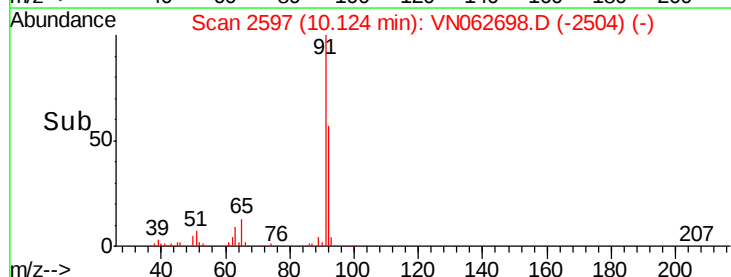
150000

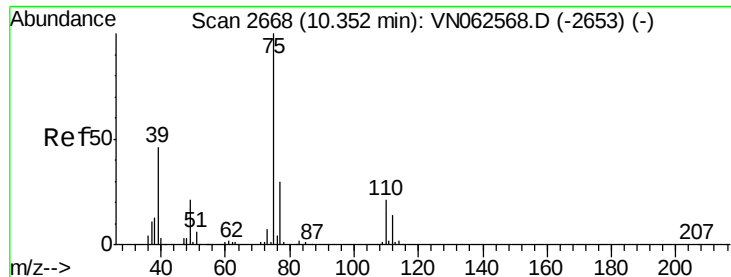
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.484 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

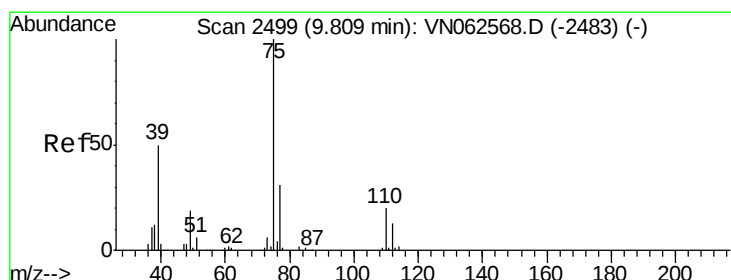
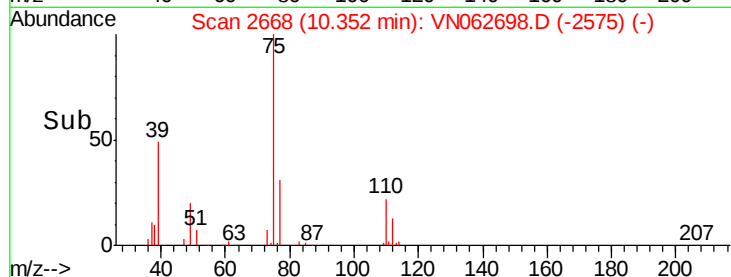
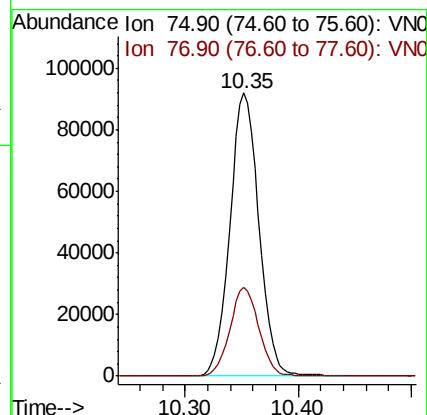
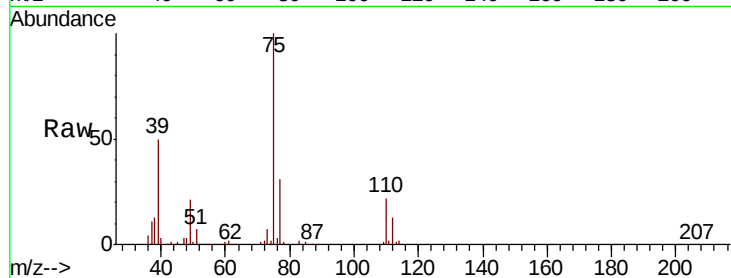
VSTDCCC050EC

Tot Ion: 75 Resp: 163831

Ion Ratio Lower Upper

75 100

77 31.3 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 48.211 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

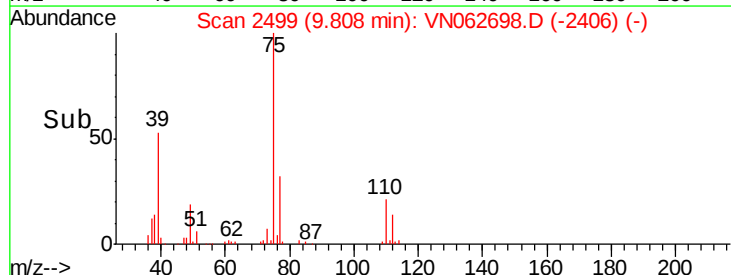
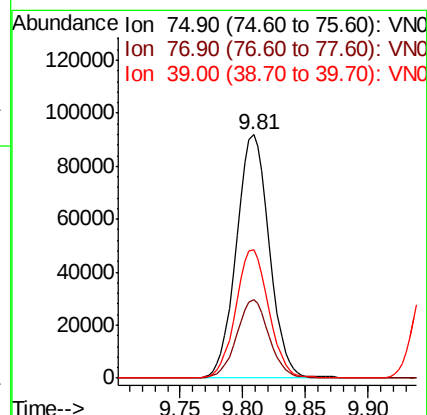
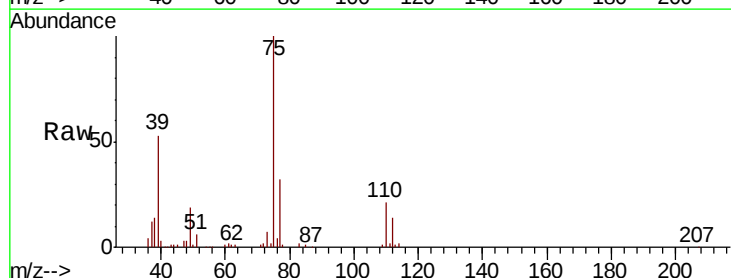
Tgt Ion: 75 Resp: 167881

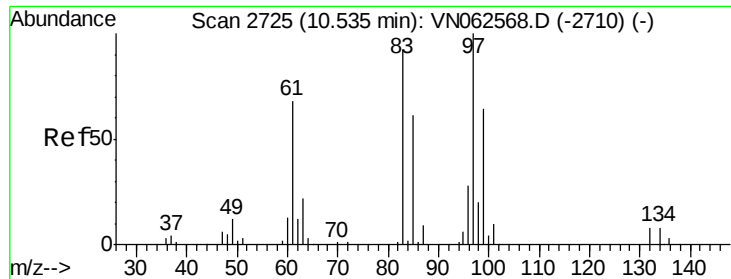
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 52.8 39.8 59.8

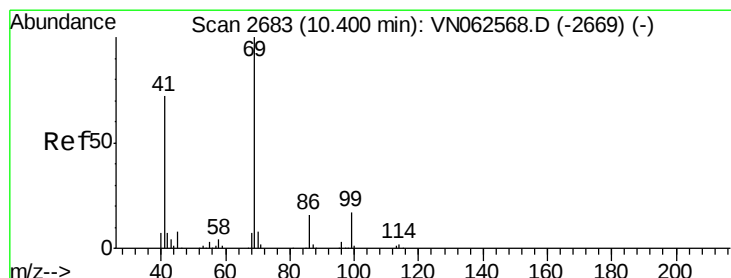
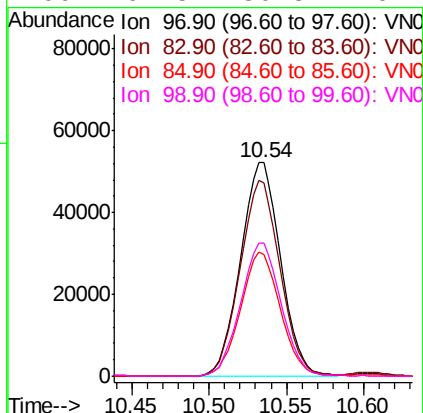
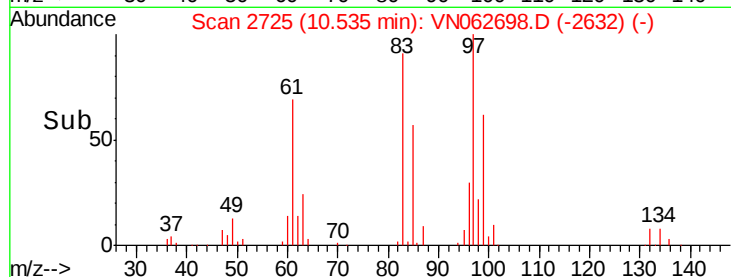
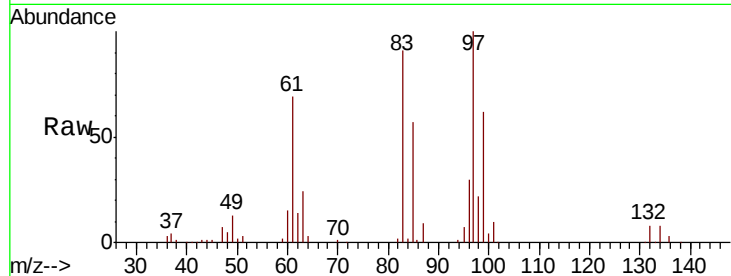




#55
 1,1,2-Trichloroethane
 Concen: 50.414 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

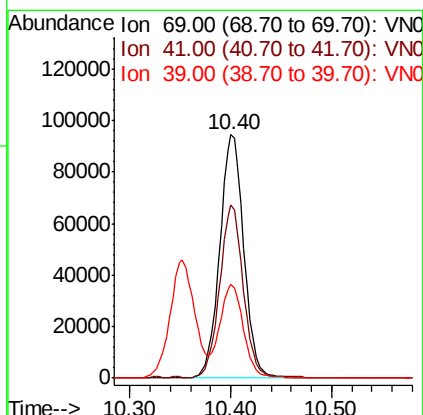
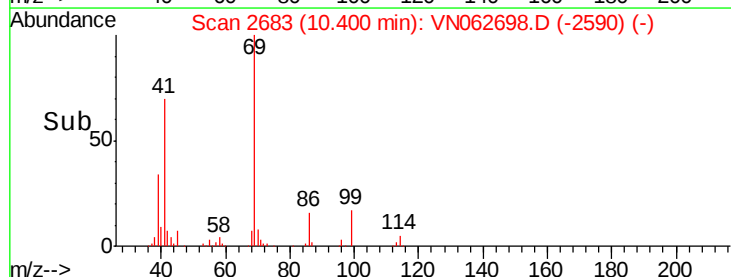
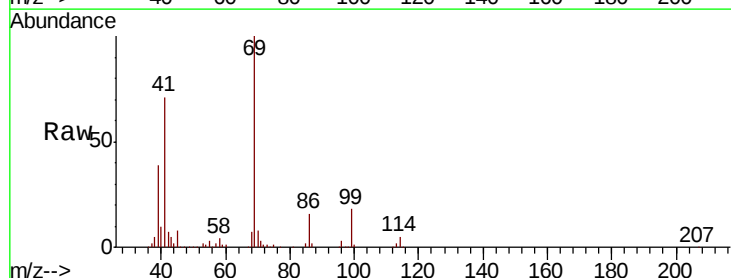
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

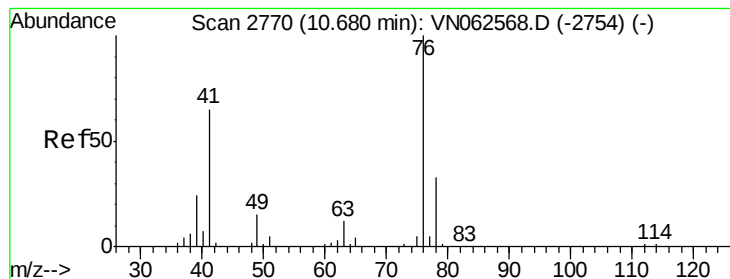
Tot Ion: 97 Resp: 94154
 Ion Ratio Lower Upper
 97 100
 83 90.5 73.7 110.5
 85 57.0 48.5 72.7
 99 62.5 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 47.024 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion: 69 Resp: 157330
 Ion Ratio Lower Upper
 69 100
 41 69.0 57.2 85.8
 39 38.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.740 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

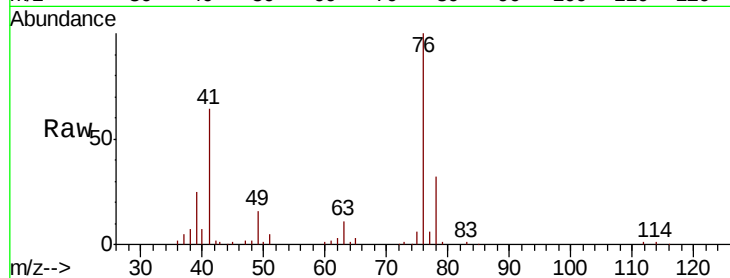
VSTDCCC050EC

Tot Ion: 76 Resp: 170186

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN062698.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN062698.D (-2677) (-)

10.68

80000

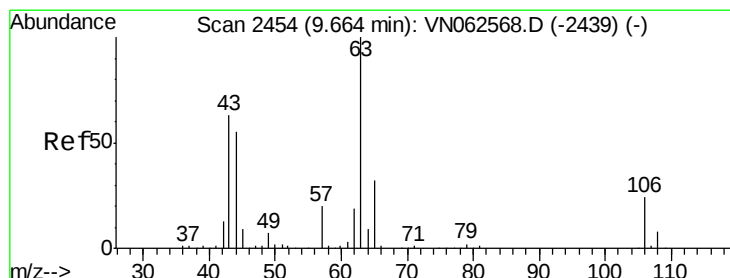
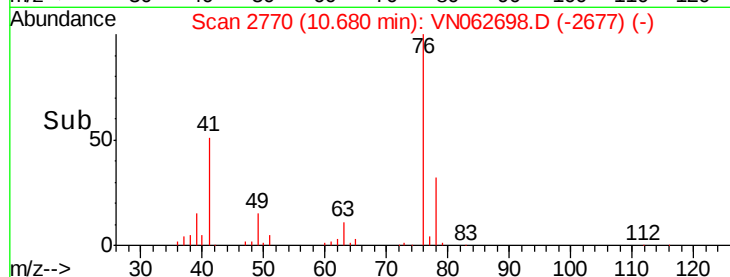
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.252 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062698.D

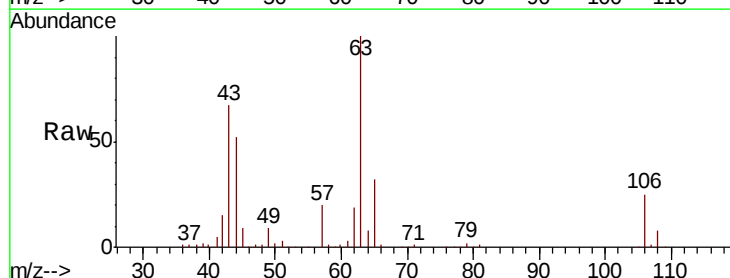
Acq: 31 Jul 2020 20:20

Tgt Ion: 63 Resp: 257265

Ion Ratio Lower Upper

63 100

106 24.9 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN062698.D (-2360) (-)

Ion 105.90 (105.60 to 106.60): VN062698.D (-2360) (-)

9.66

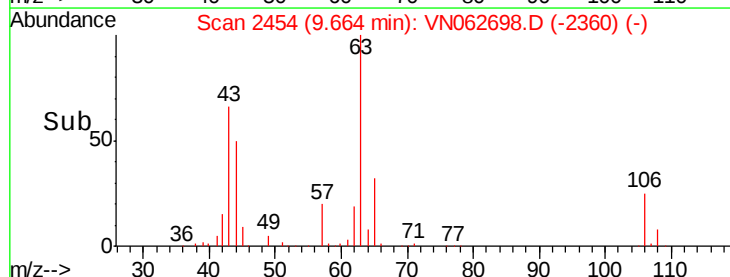
150000

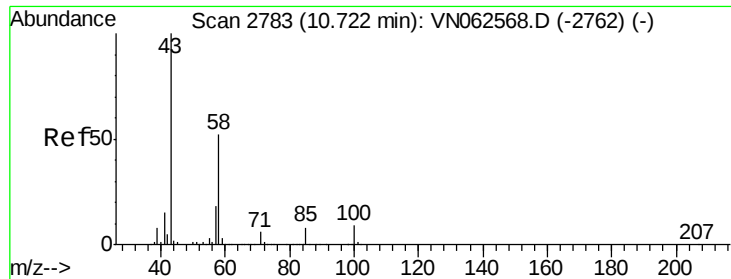
100000

50000

0

Time-->

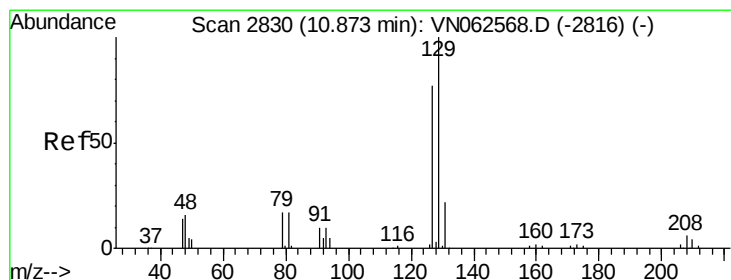
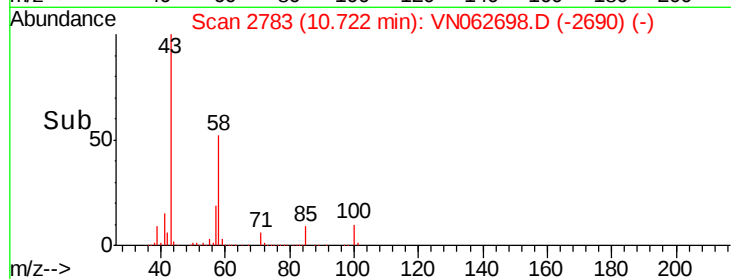
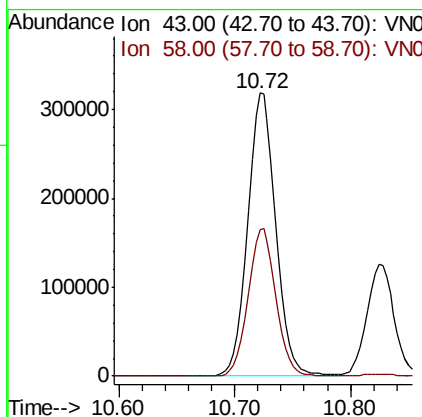
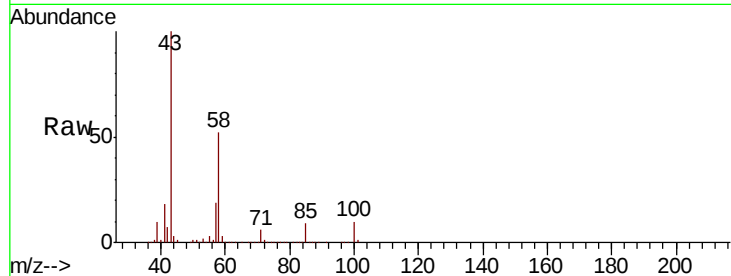




#59
2-Hexanone
Concen: 243.616 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

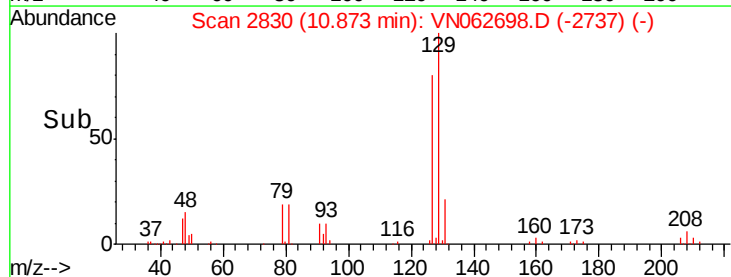
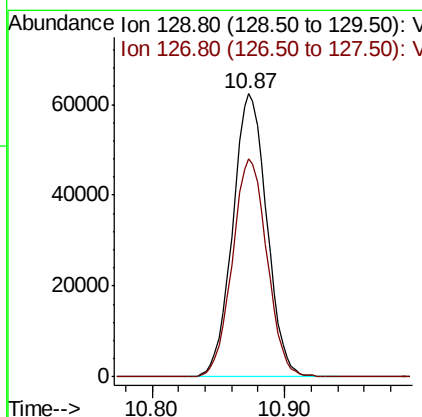
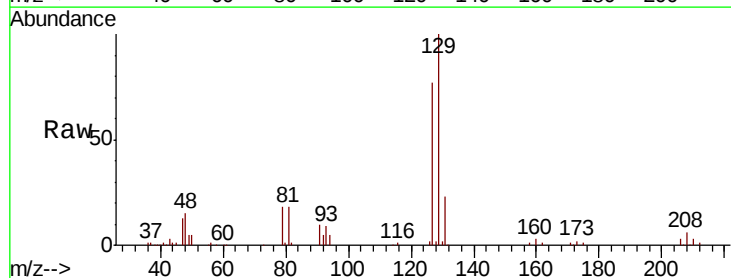
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

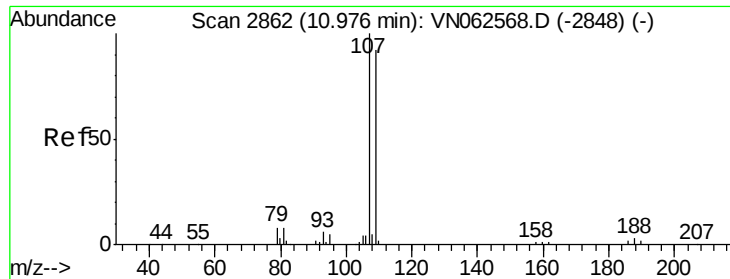
Tot Ion: 43 Resp: 536365
Ion Ratio Lower Upper
43 100
58 51.8 26.0 78.0



#60
Dibromochloromethane
Concen: 53.426 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 129 Resp: 111312
Ion Ratio Lower Upper
129 100
127 78.1 38.0 113.9





#61

1,2-Dibromoethane

Concen: 49.783 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

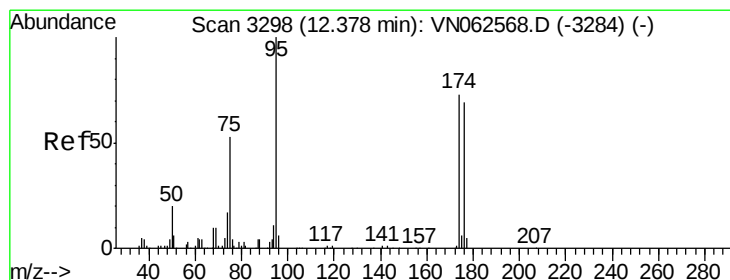
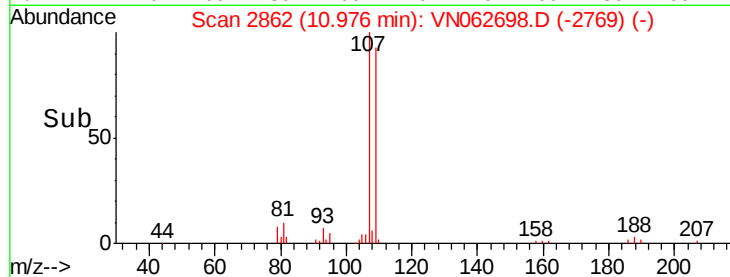
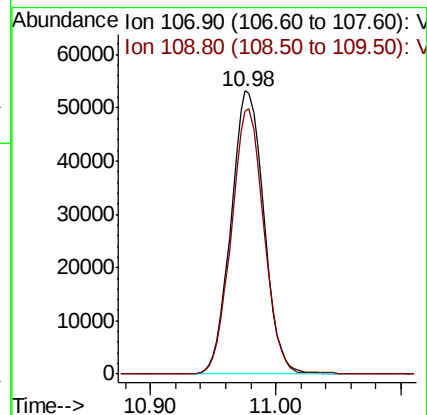
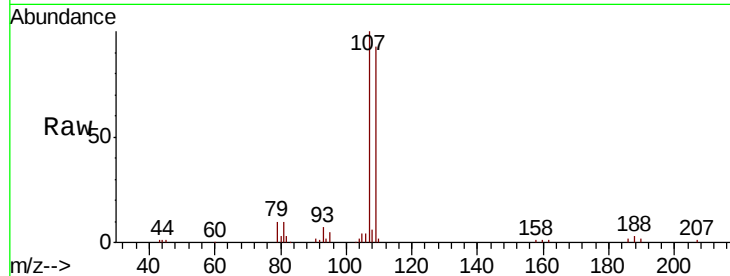
VSTDCCC050EC

Tot Ion:107 Resp: 96815

Ion Ratio Lower Upper

107 100

109 92.8 73.8 110.6



#62

4-Bromofluorobenzene

Concen: 50.914 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

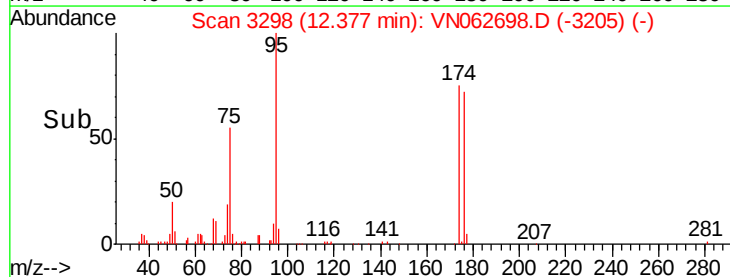
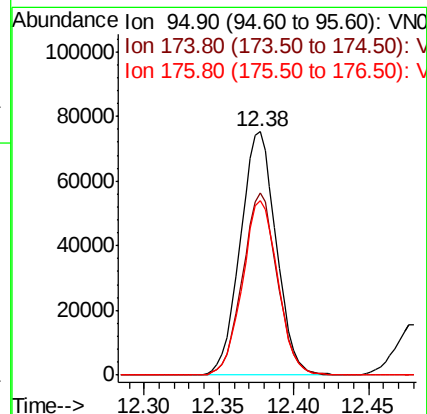
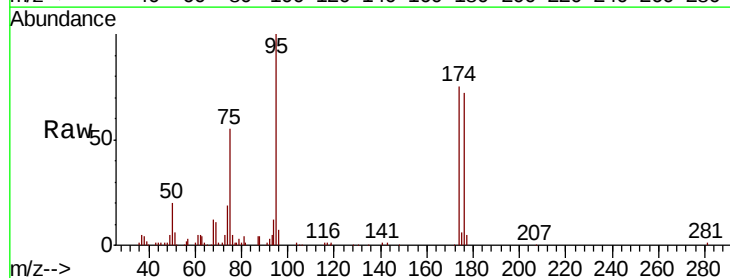
Tgt Ion: 95 Resp: 125370

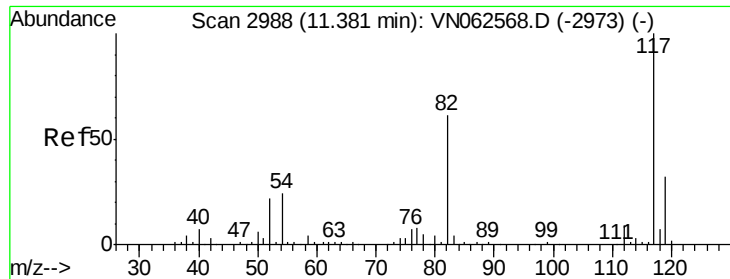
Ion Ratio Lower Upper

95 100

174 72.5 0.0 144.6

176 70.5 0.0 139.4

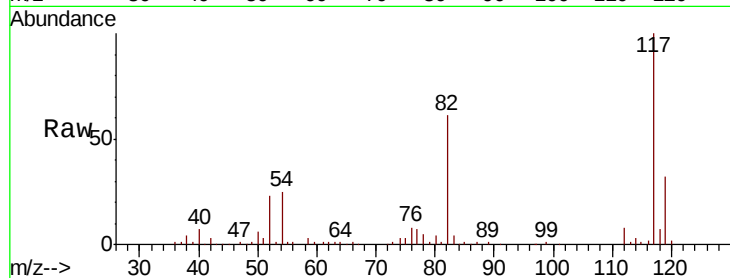




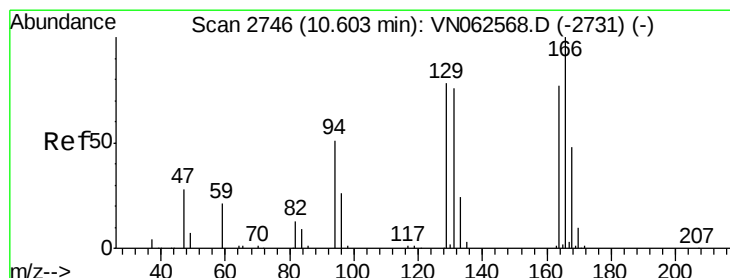
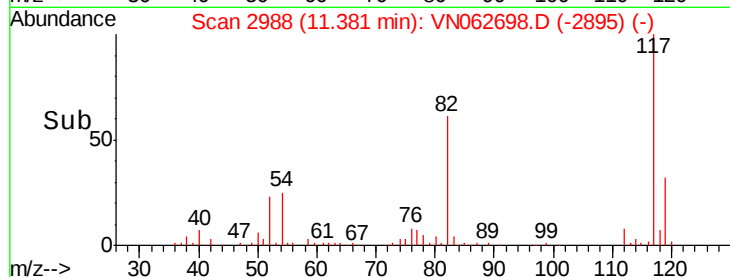
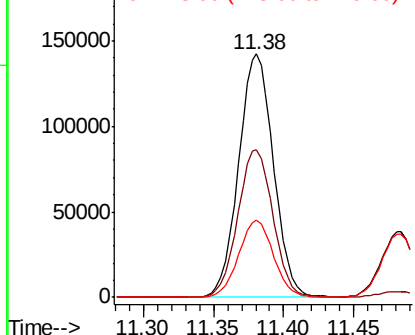
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 246727
Ion Ratio Lower Upper
117 100
82 60.7 49.0 73.6
119 31.7 25.4 38.2

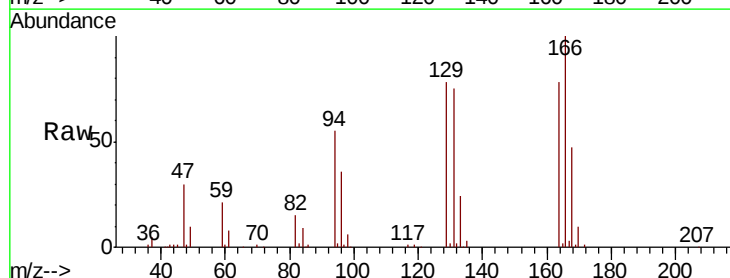


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

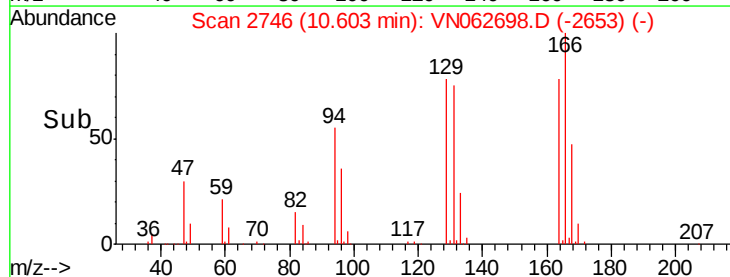
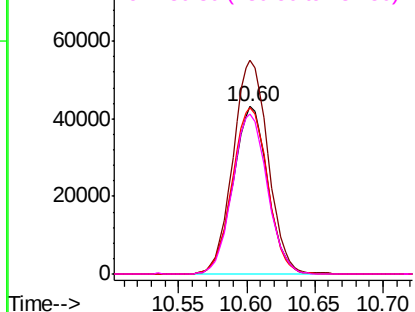


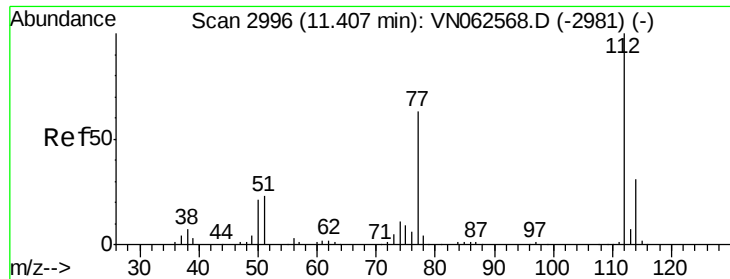
#64
Tetrachloroethene
Concen: 47.489 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion:164 Resp: 76127
Ion Ratio Lower Upper
164 100
166 127.6 104.4 156.6
129 99.7 81.0 121.4
131 95.4 79.4 119.2



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

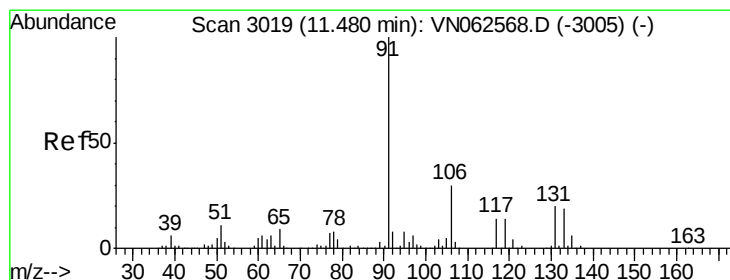
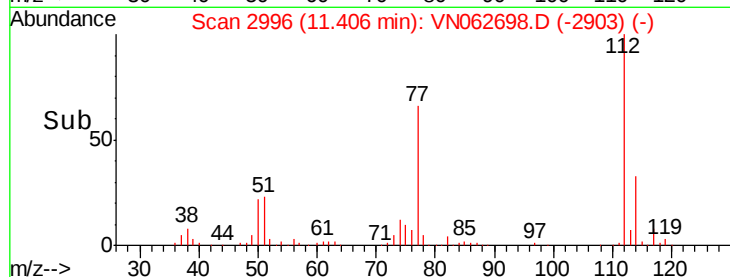
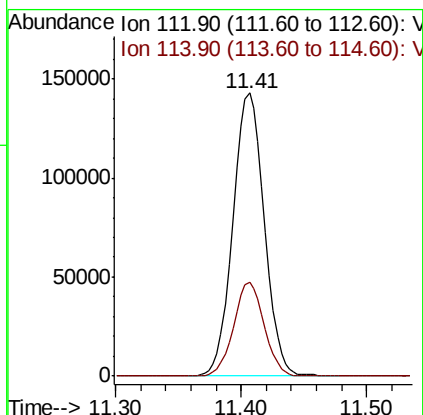
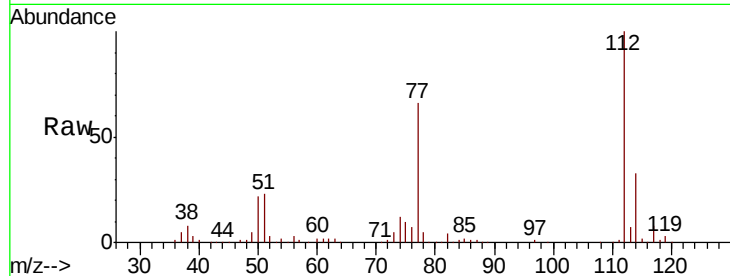




#65
Chlorobenzene
Concen: 47.967 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

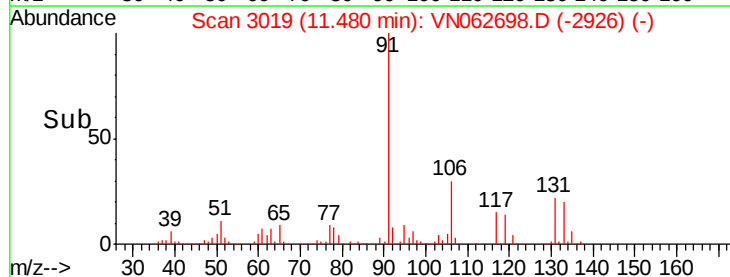
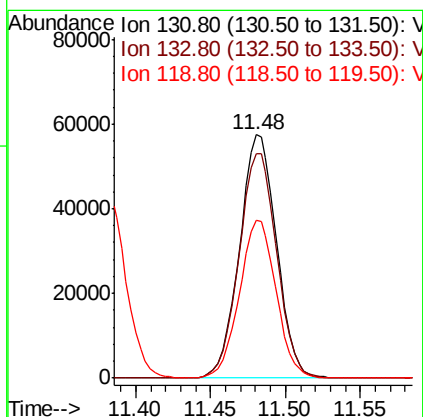
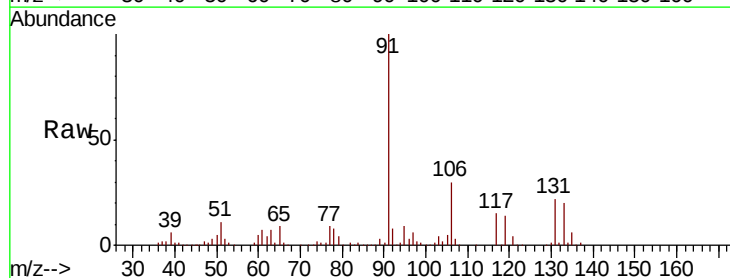
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

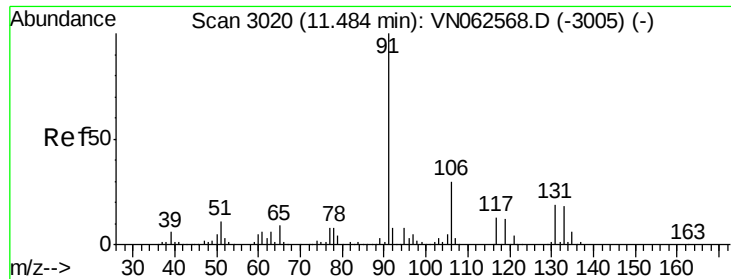
Tot Ion:112 Resp: 248108
Ion Ratio Lower Upper
112 100
114 33.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.822 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion:131 Resp: 98893
Ion Ratio Lower Upper
131 100
133 94.3 47.3 142.0
119 64.1 33.7 101.0

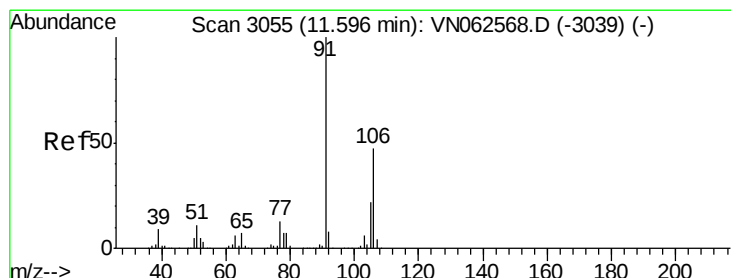
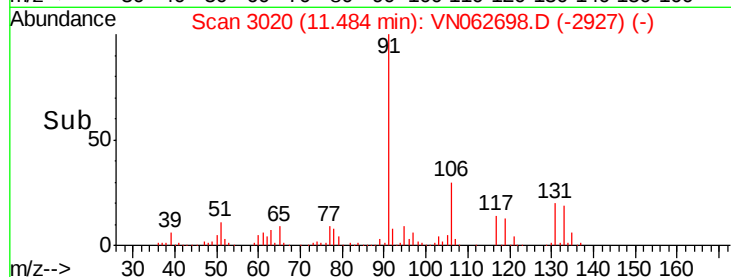
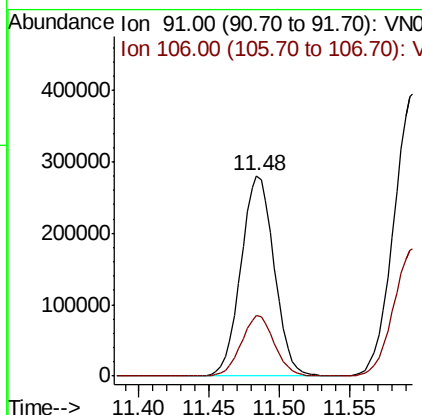
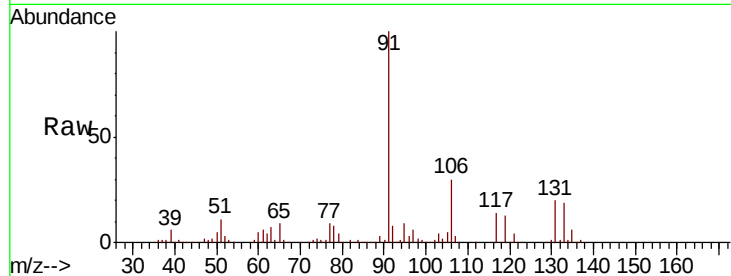




#67
Ethyl Benzene
Concen: 49.000 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

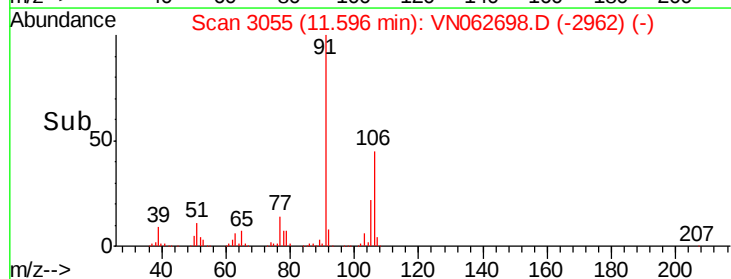
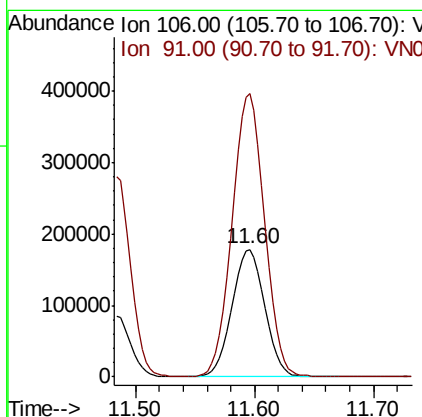
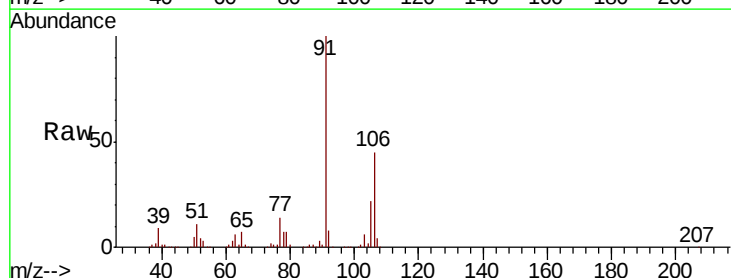
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

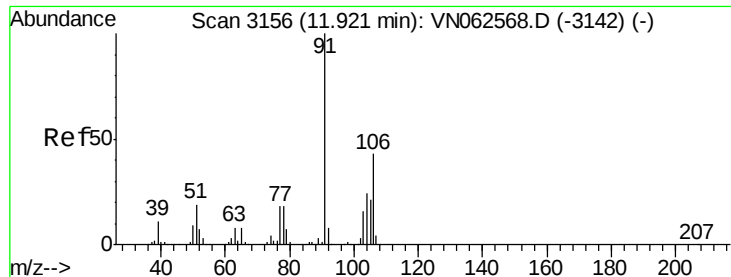
Tot Ion: 91 Resp: 464711
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8



#68
m/p-Xylenes
Concen: 99.396 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 106 Resp: 338814
Ion Ratio Lower Upper
106 100
91 219.9 171.4 257.2

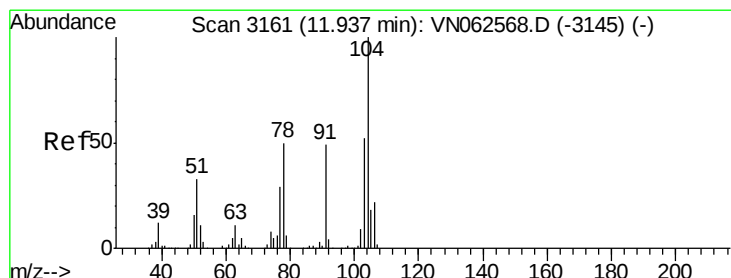
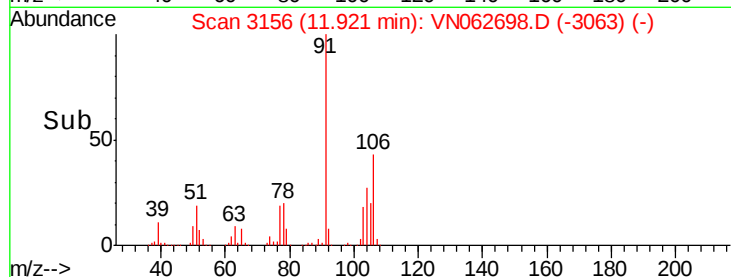
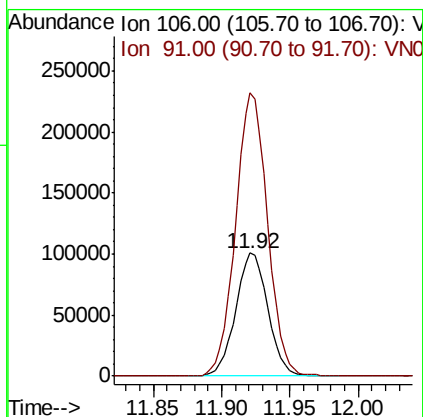
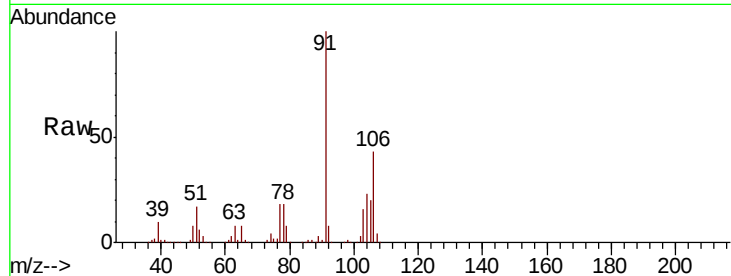




#69
o-Xylene
Concen: 50.827 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

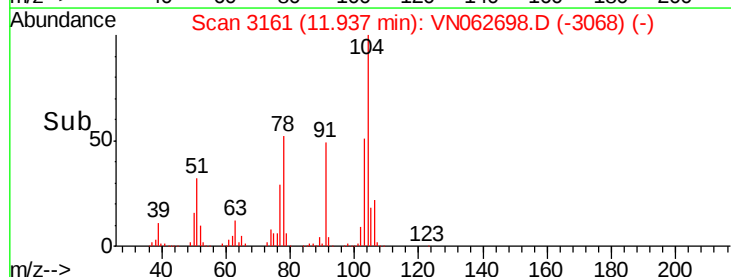
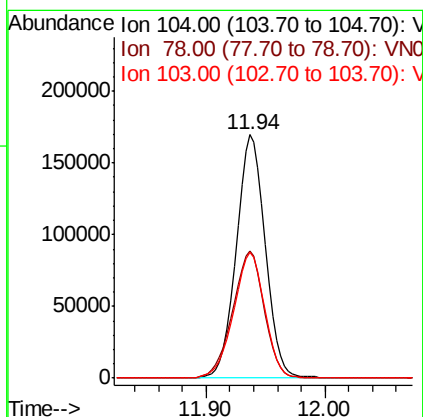
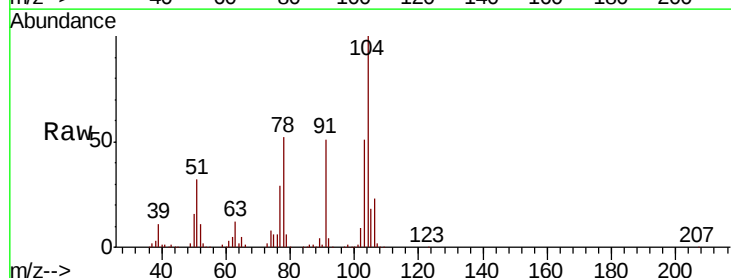
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

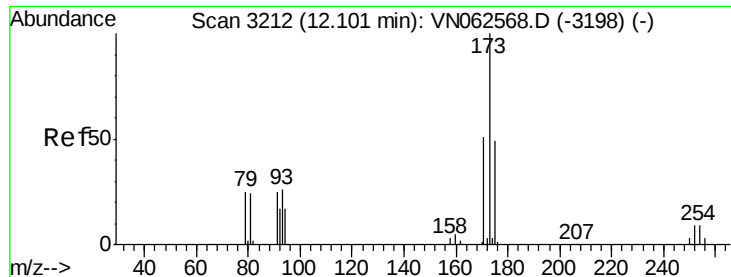
Tot Ion:106 Resp: 164523
Ion Ratio Lower Upper
106 100
91 229.0 113.8 341.2



#70
Styrene
Concen: 52.271 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion:104 Resp: 285815
Ion Ratio Lower Upper
104 100
78 57.0 43.8 65.6
103 55.6 44.0 66.0





#71

Bromoform

Concen: 53.110 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

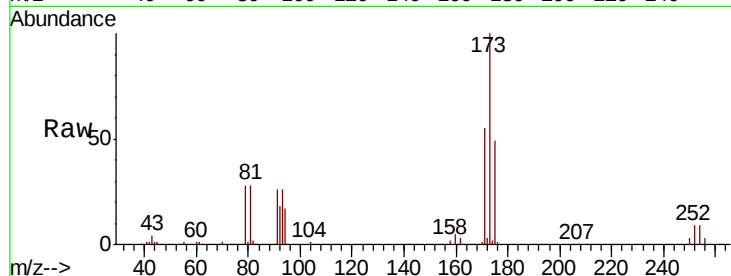
Tot Ion:173 Resp: 77594

Ion Ratio Lower Upper

173 100

175 49.9 24.1 72.2

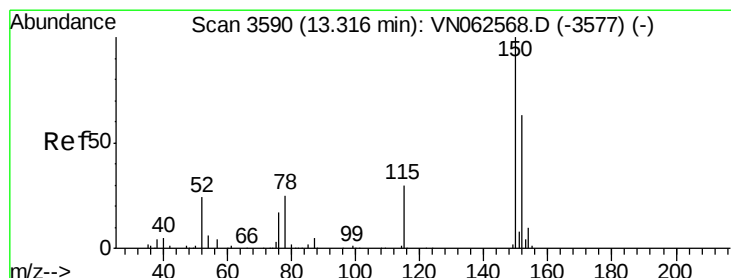
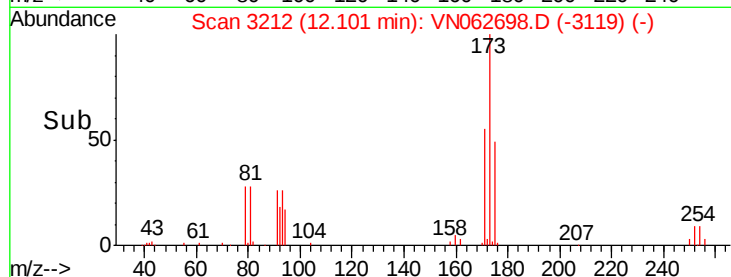
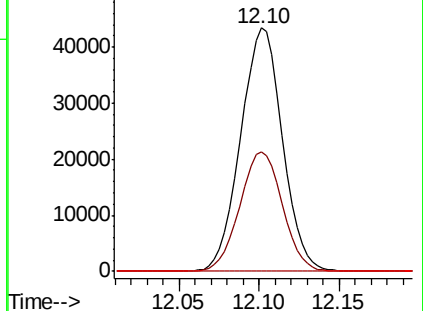
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

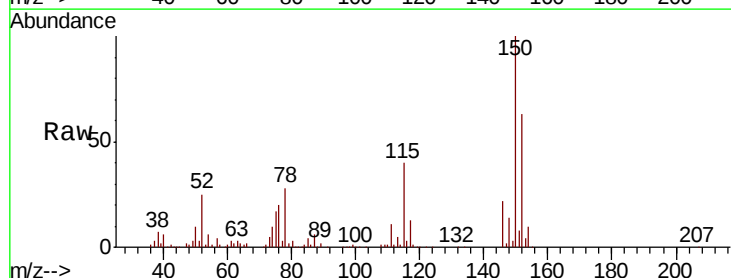
Tgt Ion:152 Resp: 121741

Ion Ratio Lower Upper

152 100

115 64.1 31.8 95.4

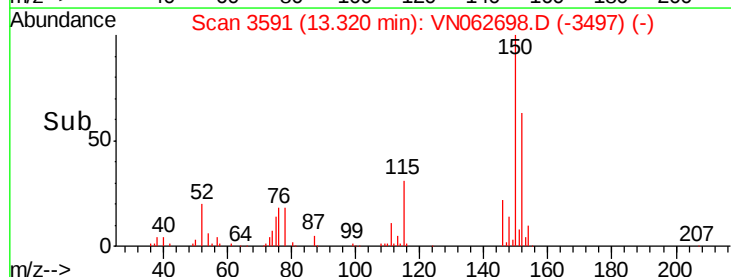
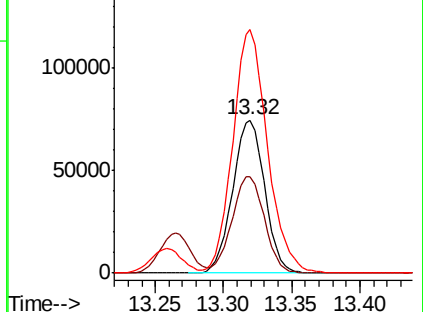
150 172.2 0.0 351.4

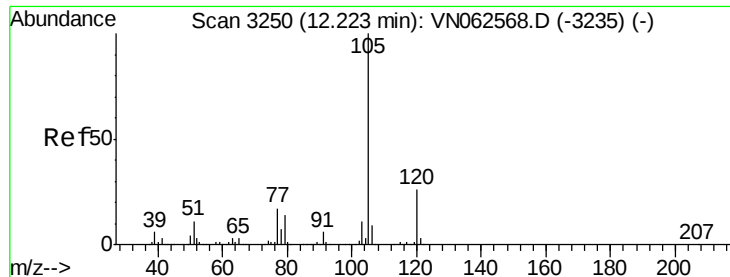


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.353 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

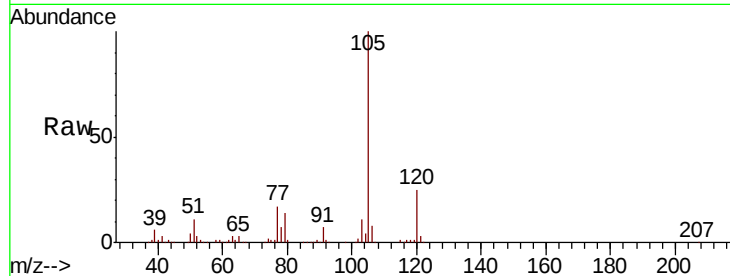
VSTDCCC050EC

Tot Ion:105 Resp: 455832

Ion Ratio Lower Upper

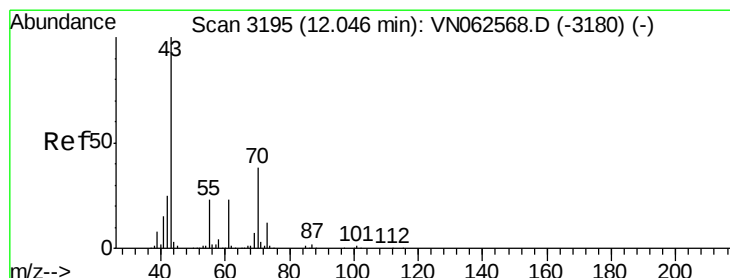
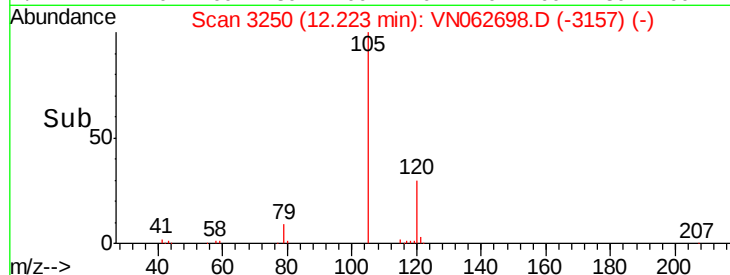
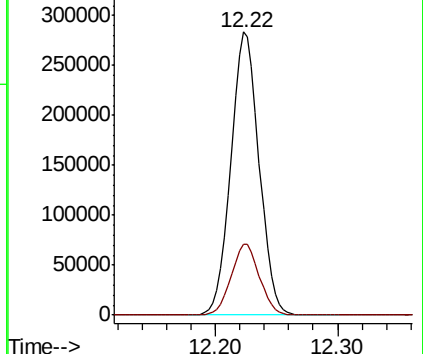
105 100

120 25.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.977 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Tgt Ion: 43 Resp: 206251

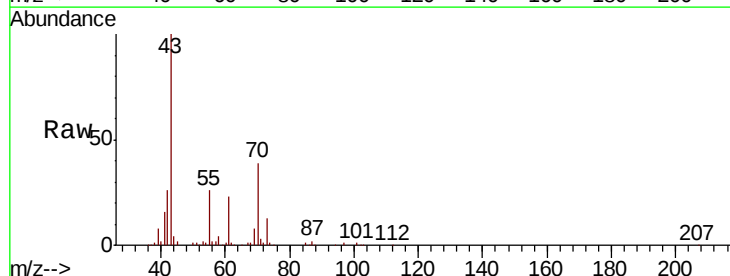
Ion Ratio Lower Upper

43 100

70 38.5 30.5 45.7

55 25.1 19.0 28.6

61 23.0 18.4 27.6

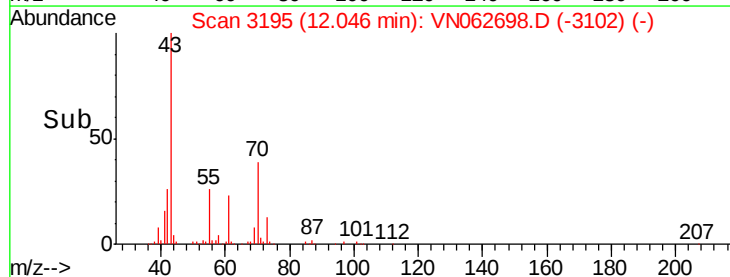
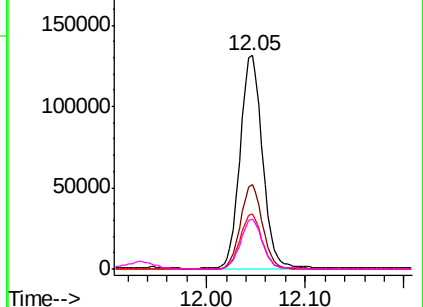


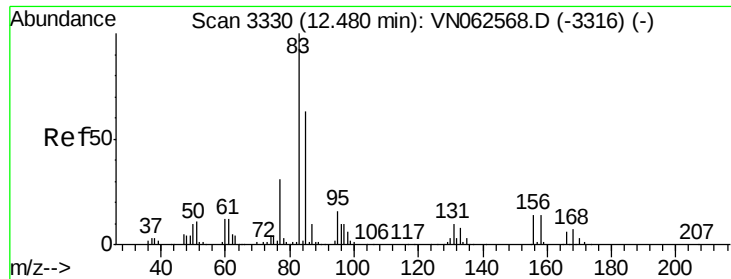
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.095 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

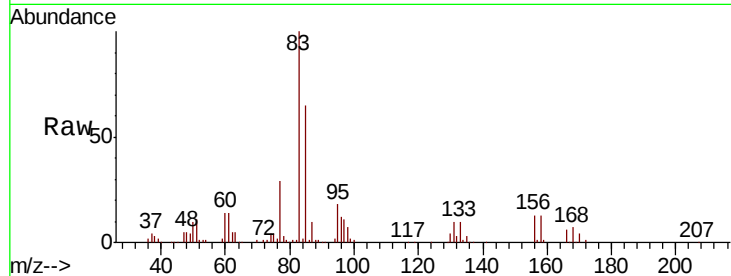
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 144157

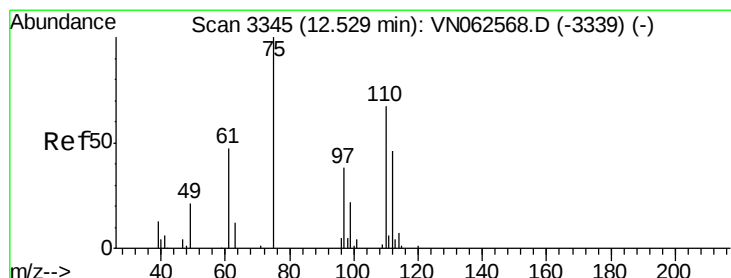
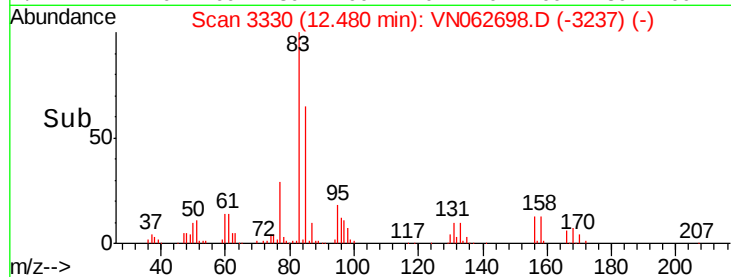
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.8	14.3
85	65.8	31.8	95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 64.694 ug/l

RT: 12.53 min Scan# 3345

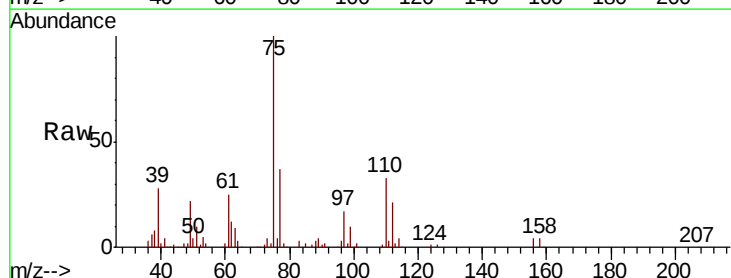
Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

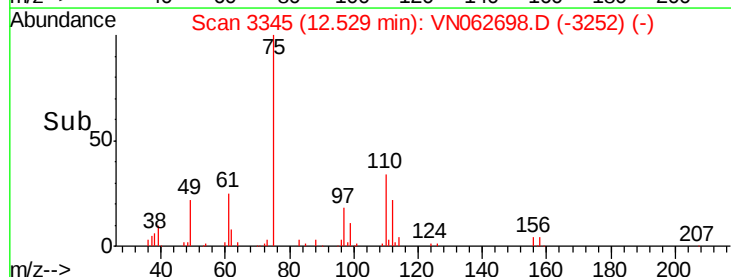
Tgt Ion: 75 Resp: 200469

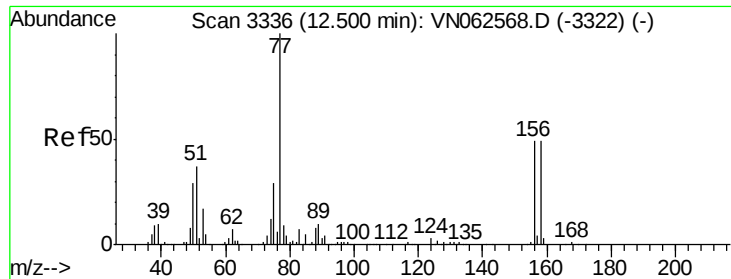
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 45.316 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

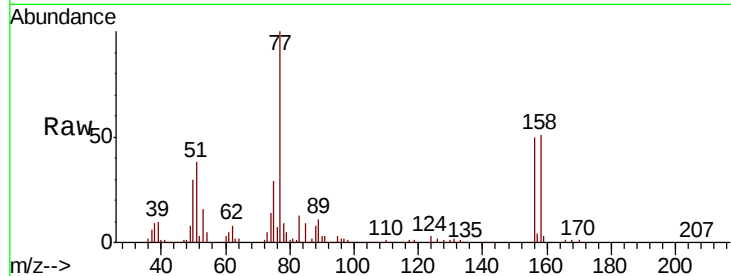
Tot Ion:156 Resp: 104832

Ion Ratio Lower Upper

156 100

77 239.4 122.8 368.3

158 98.3 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

150000

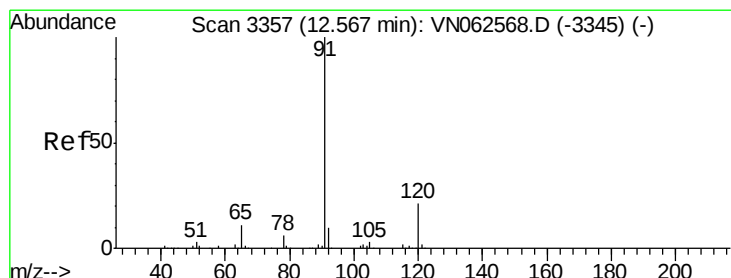
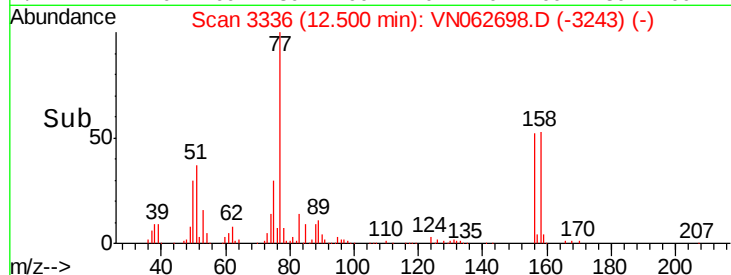
100000

50000

0

12.45 12.50 12.55

Time-->



#78

n-propylbenzene

Concen: 46.901 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062698.D

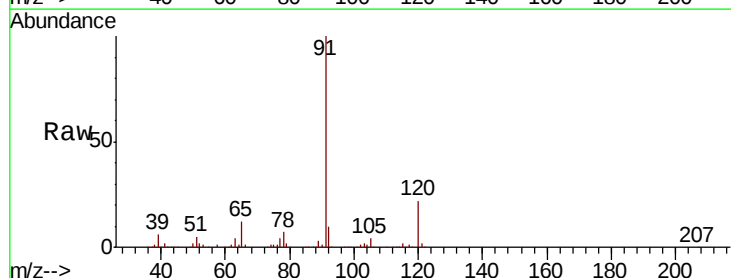
Acq: 31 Jul 2020 20:20

Tgt Ion: 91 Resp: 528841

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

300000

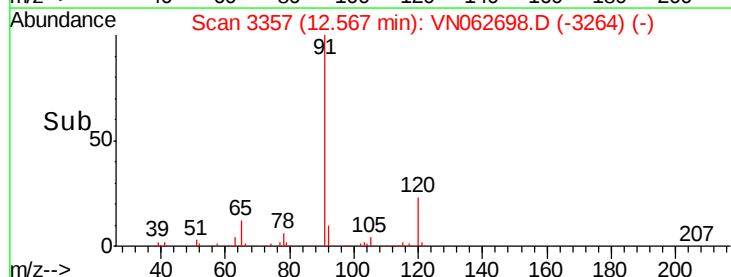
200000

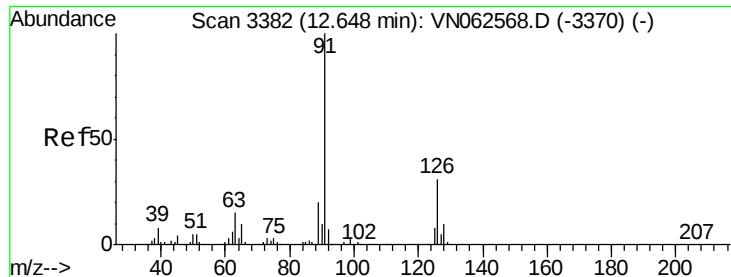
100000

0

12.50 12.55 12.60

Time-->

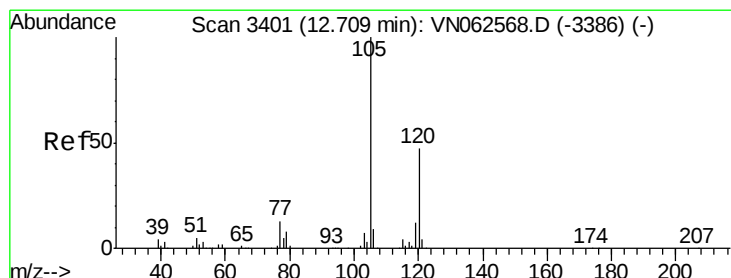
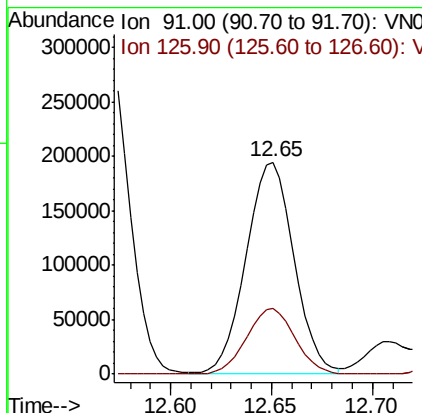
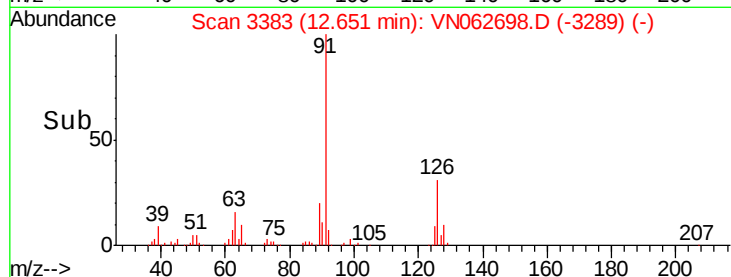
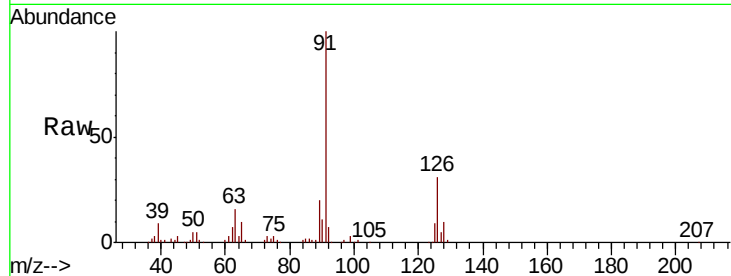




#79
 2-Chlorotoluene
 Concen: 46.353 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

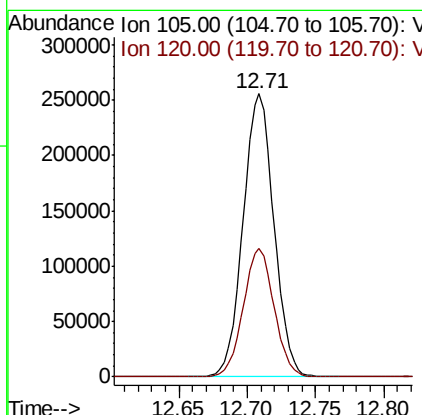
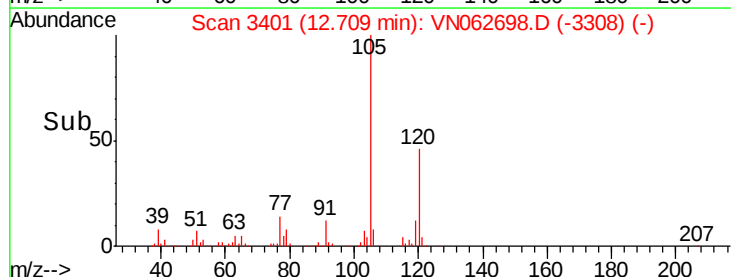
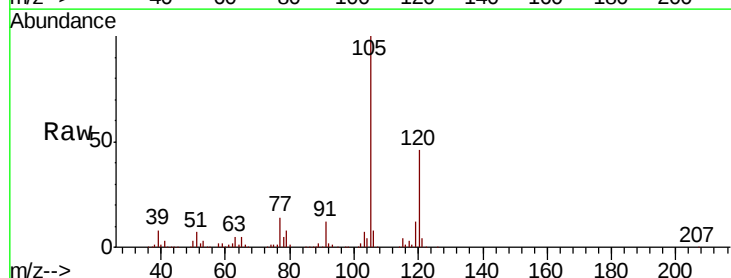
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

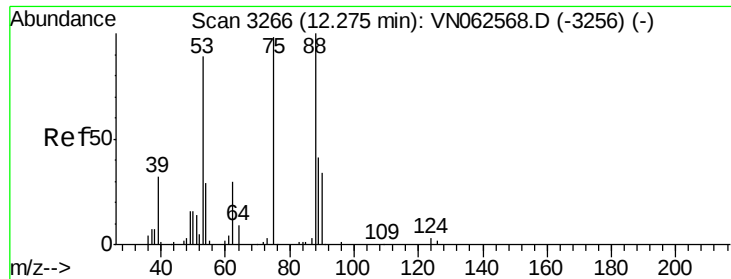
Tot Ion: 91 Resp: 322106
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.077 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion: 105 Resp: 399857
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.985 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

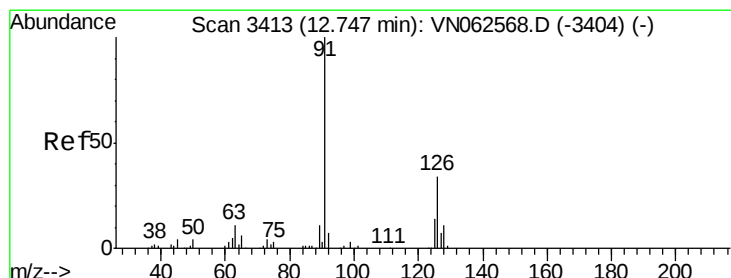
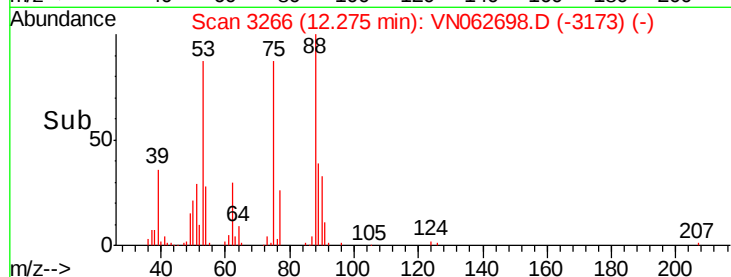
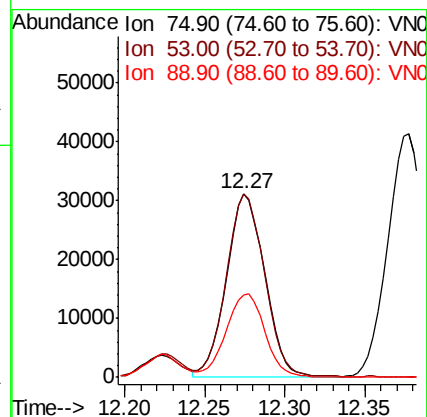
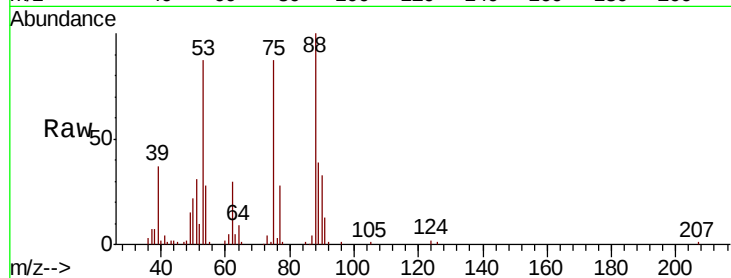
Tot Ion: 75 Resp: 51188

Ion Ratio Lower Upper

75 100

53 99.9 75.4 113.0

89 45.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 46.748 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062698.D

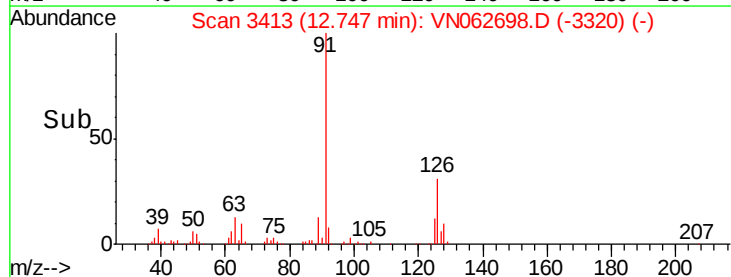
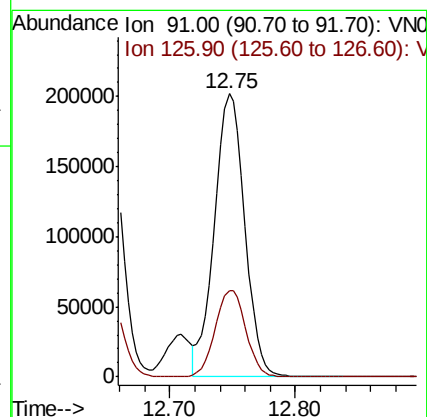
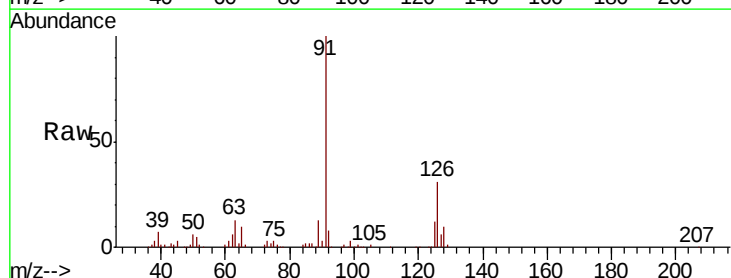
Acq: 31 Jul 2020 20:20

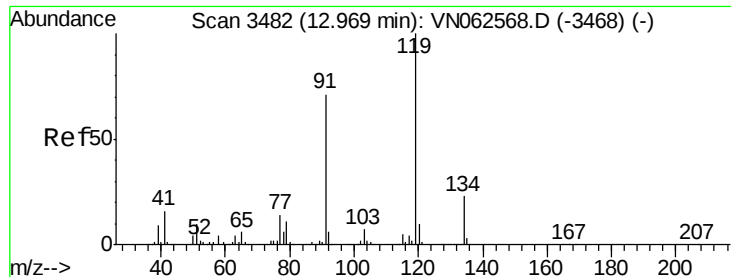
Tgt Ion: 91 Resp: 338130

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.4

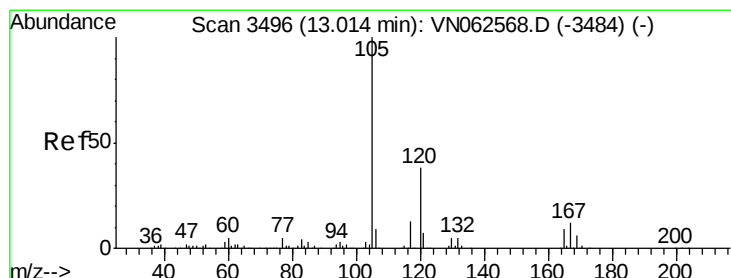
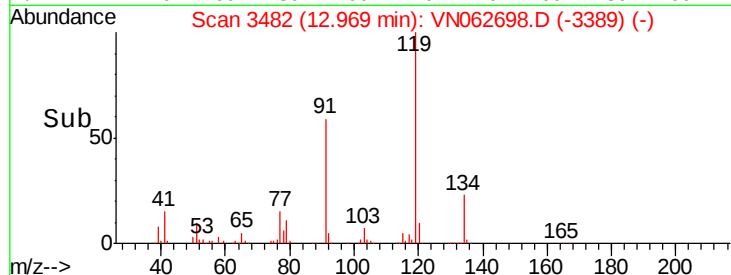
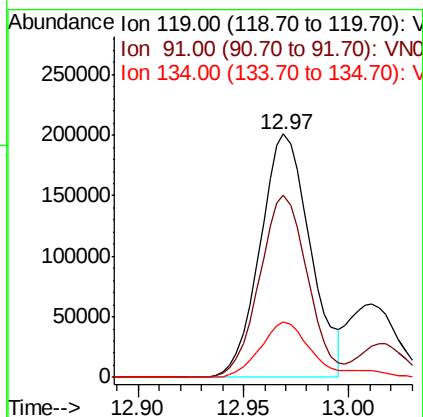
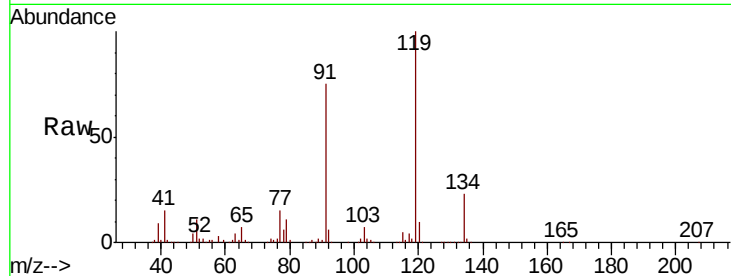




#83
tert-Butylbenzene
Concen: 50.154 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

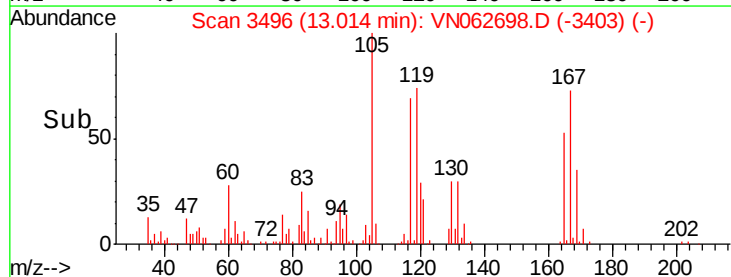
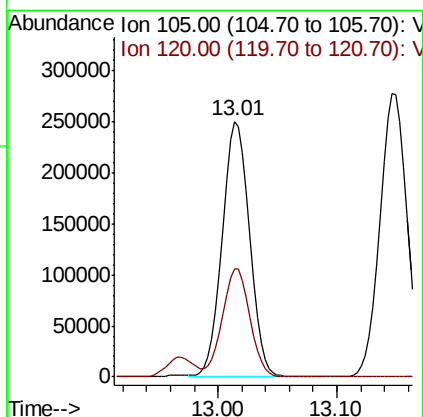
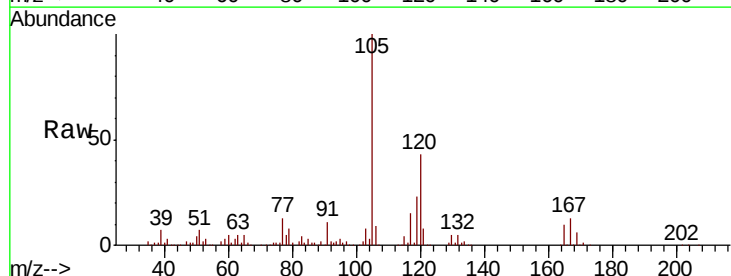
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

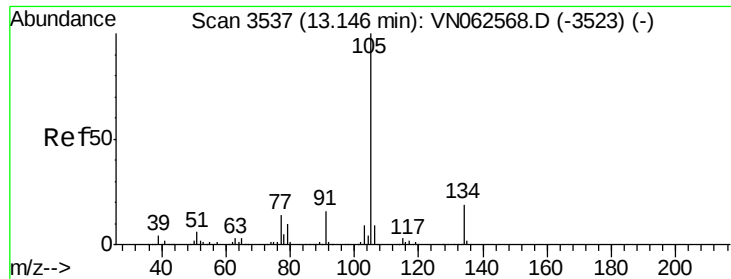
Tot Ion:119 Resp: 332540
Ion Ratio Lower Upper
119 100
91 72.2 34.6 103.8
134 22.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 50.870 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion:105 Resp: 398471
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.749 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

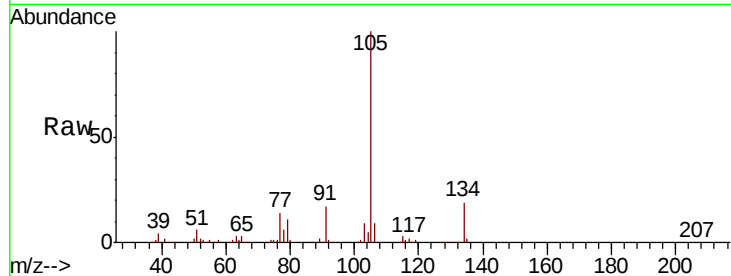
VSTDCCC050EC

Tot Ion:105 Resp: 441604

Ion Ratio Lower Upper

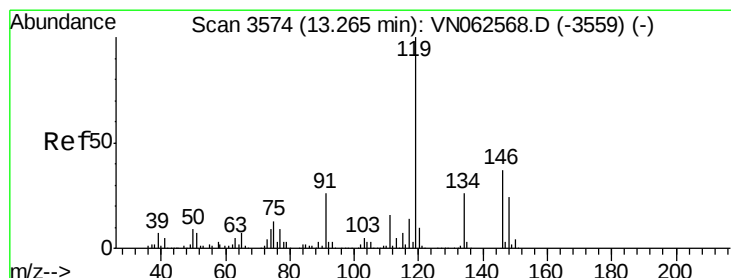
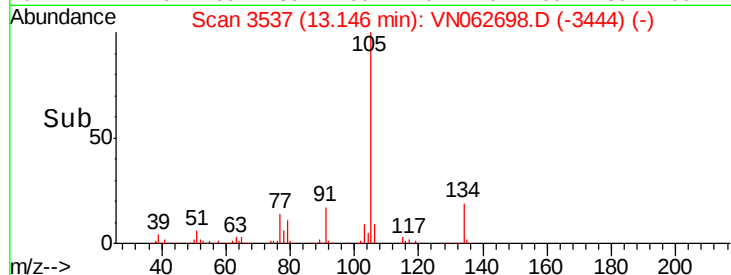
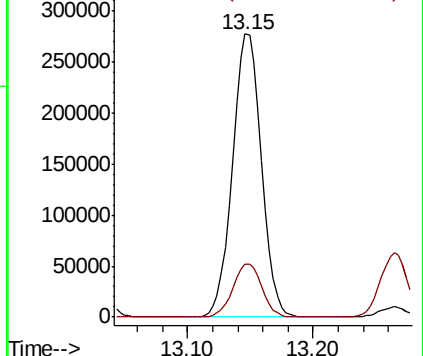
105 100

134 18.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.988 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

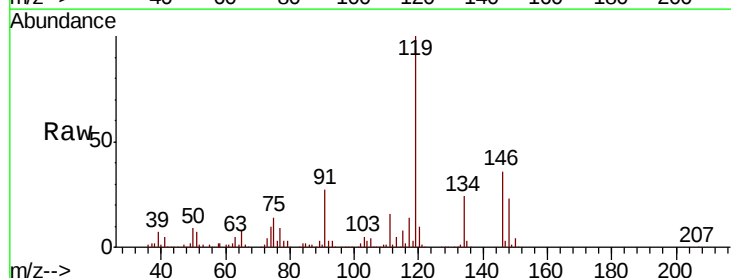
Tgt Ion:119 Resp: 396911

Ion Ratio Lower Upper

119 100

134 24.5 12.8 38.4

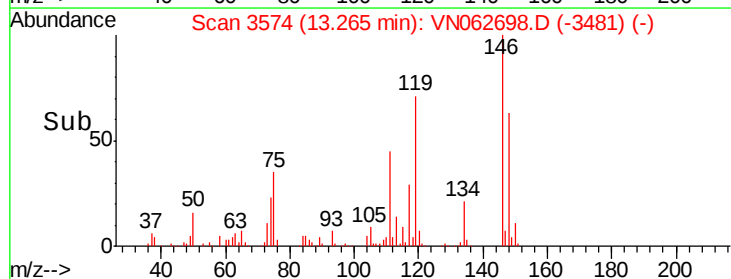
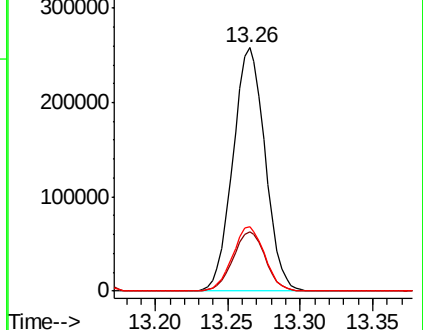
91 26.3 12.7 38.1

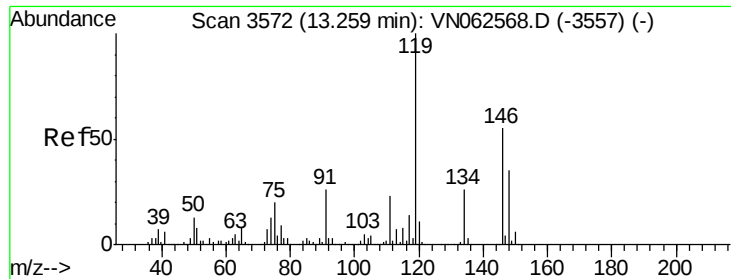


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

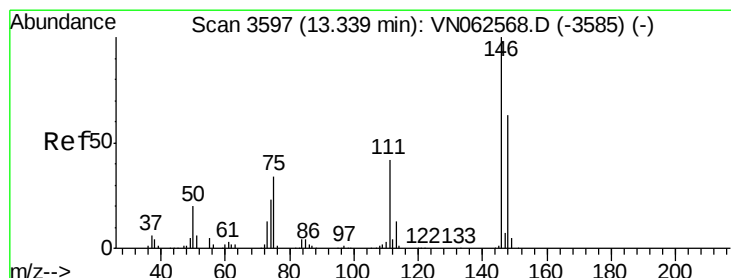
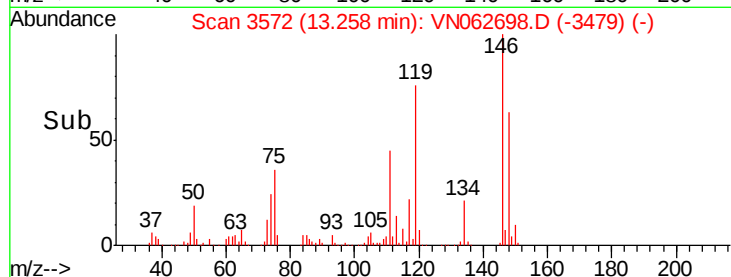
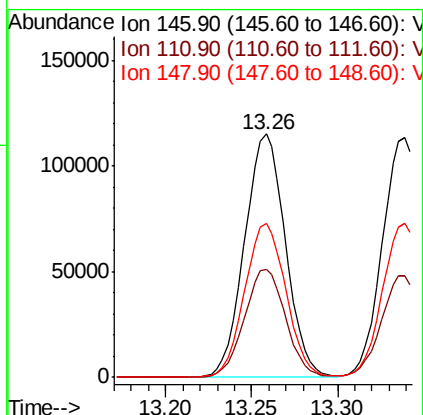
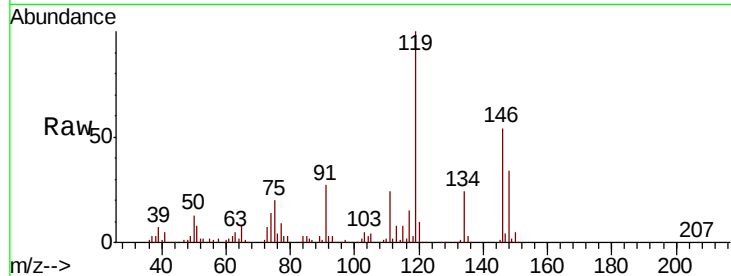




#87
 1,3-Dichlorobenzene
 Concen: 46.926 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

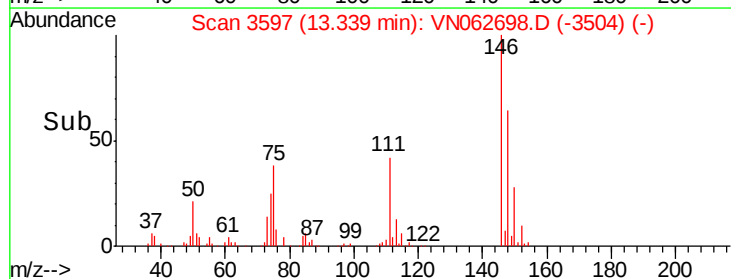
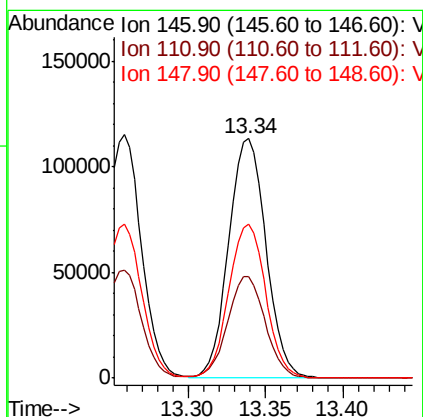
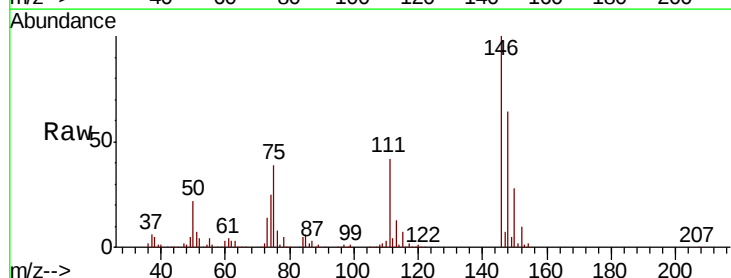
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

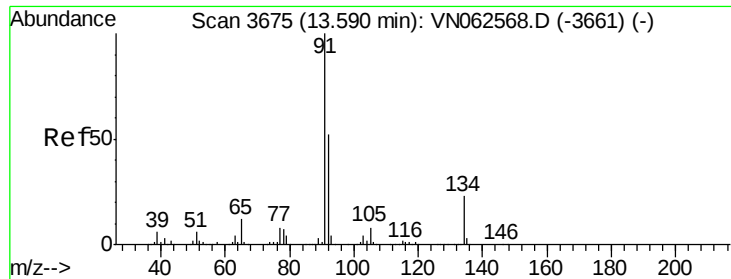
Tot Ion:146 Resp: 190501
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.6 64.6
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.386 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion:146 Resp: 189369
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.1 63.1
 148 63.7 31.6 94.8

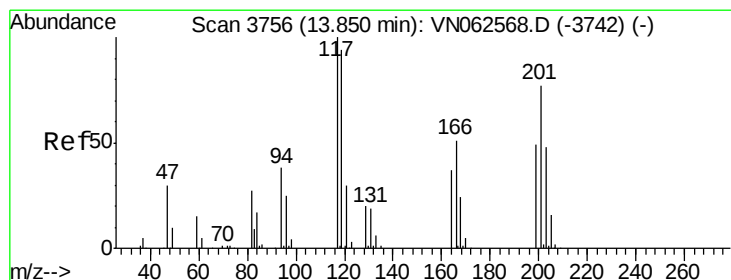
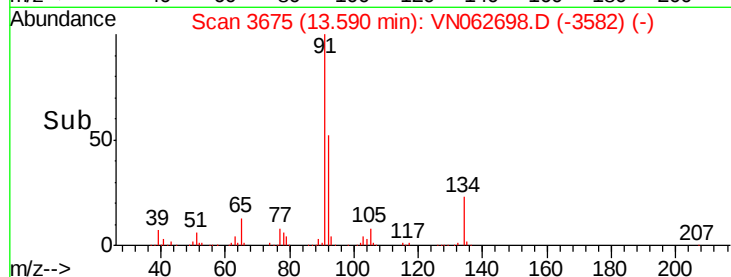
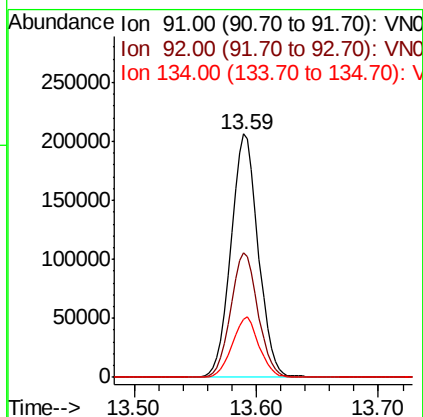
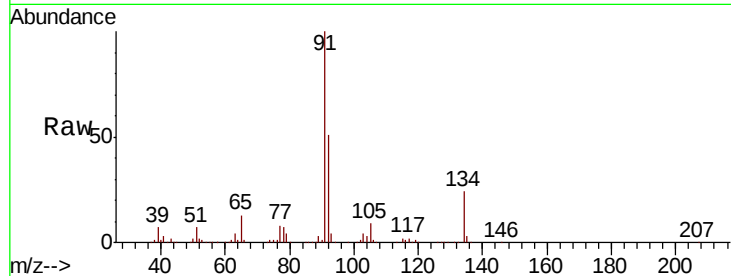




#89
n-Butylbenzene
Concen: 49.028 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

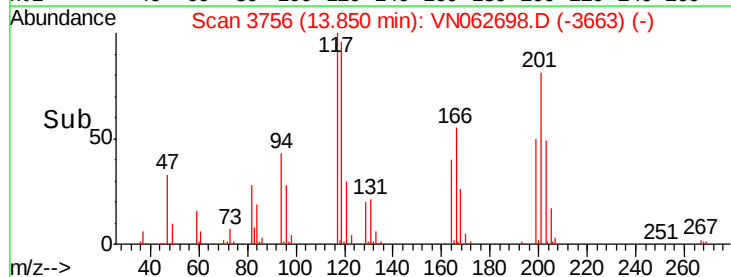
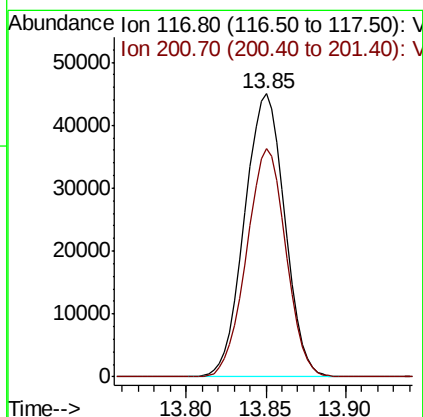
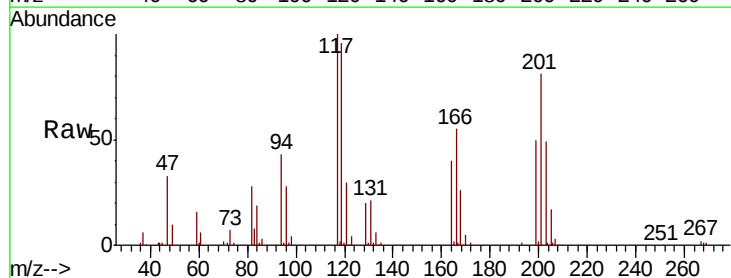
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

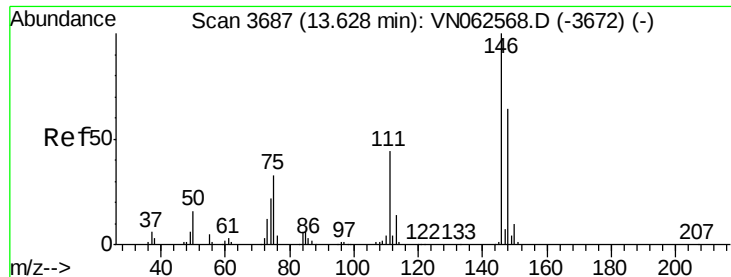
Tot Ion: 91 Resp: 321619
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 24.2 11.8 35.3



#90
Hexachloroethane
Concen: 47.558 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion: 117 Resp: 77294
Ion Ratio Lower Upper
117 100
201 78.9 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 48.295 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

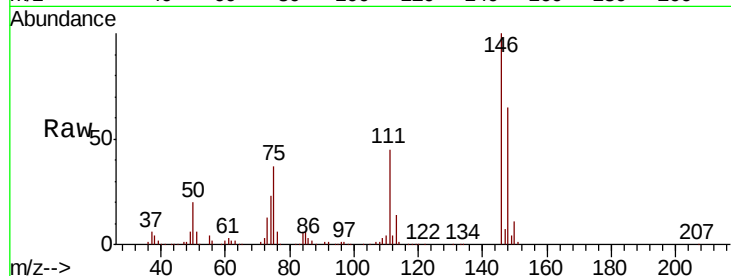
Tot Ion:146 Resp: 187469

Ion Ratio Lower Upper

146 100

111 44.6 21.9 65.8

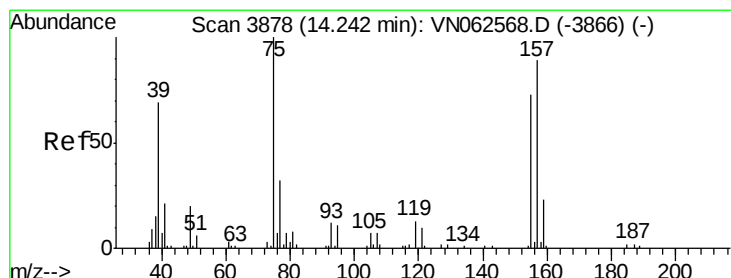
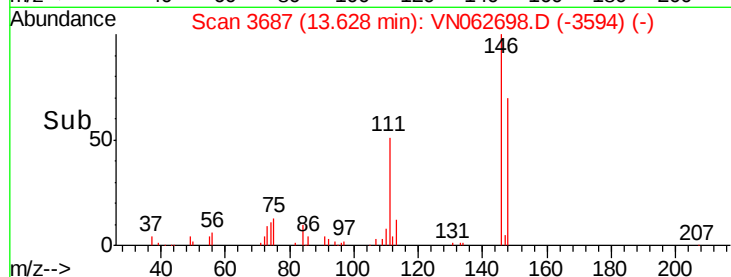
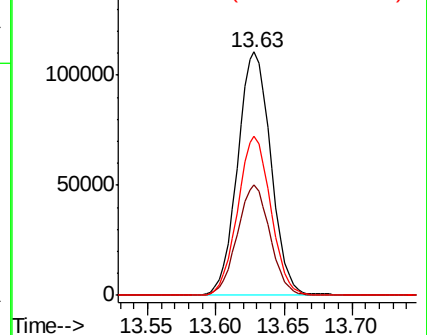
148 64.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.120 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062698.D

Acq: 31 Jul 2020 20:20

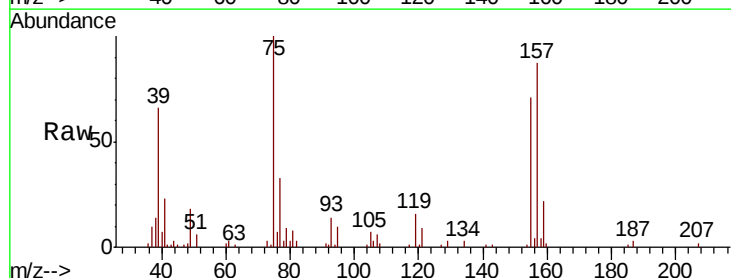
Tgt Ion: 75 Resp: 32869

Ion Ratio Lower Upper

75 100

155 66.8 35.9 107.5

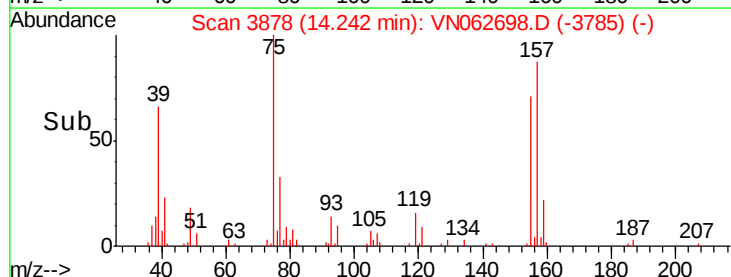
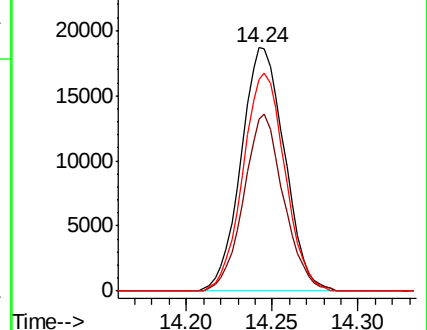
157 86.4 45.0 135.0

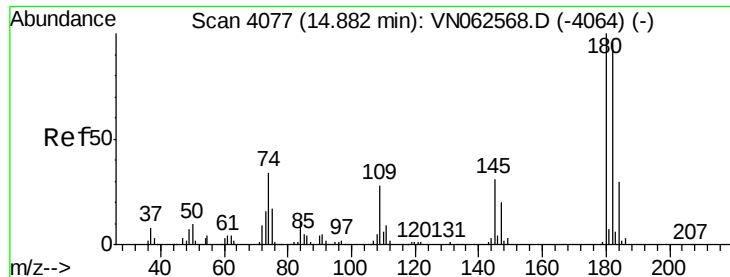


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

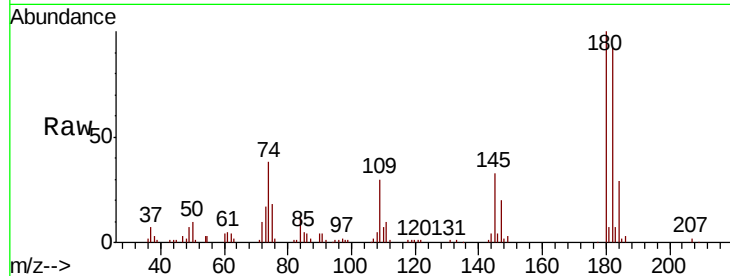




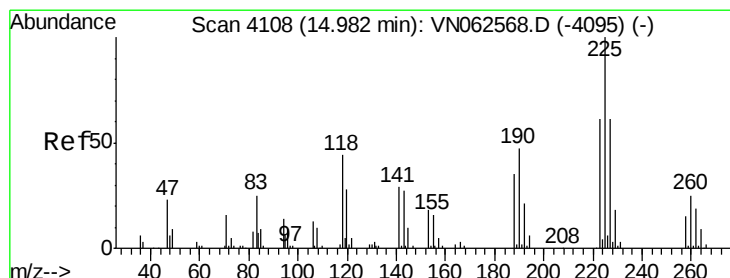
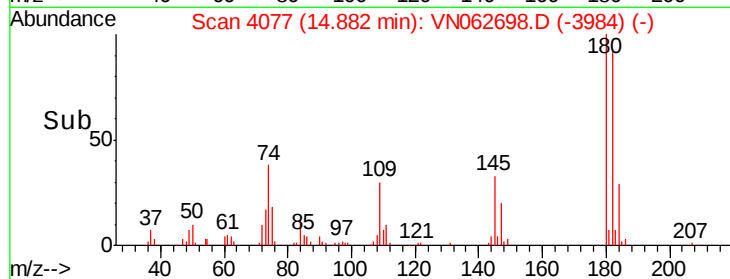
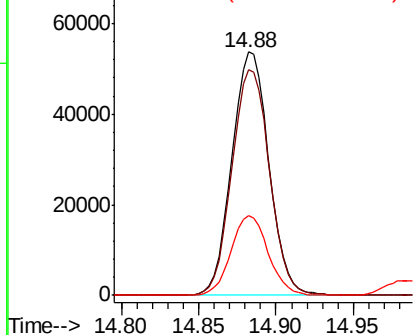
#93
 1,2,4-Trichlorobenzene
 Concen: 44.144 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 89307
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.8 143.3
 145 32.7 15.3 45.9

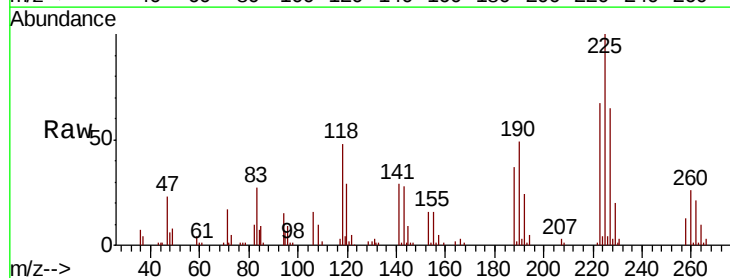


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

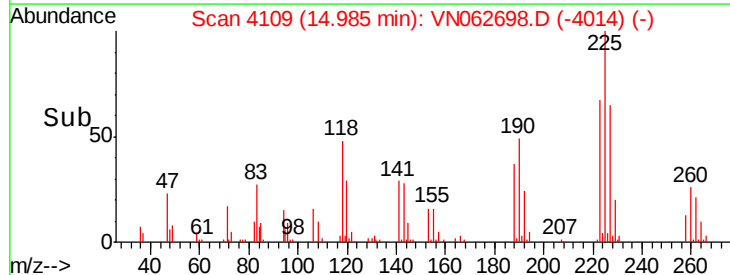
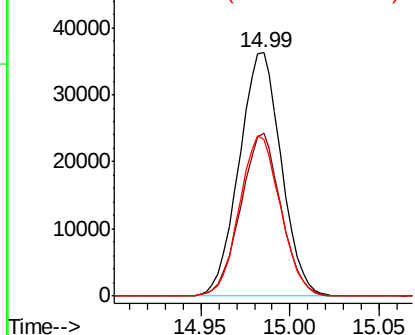


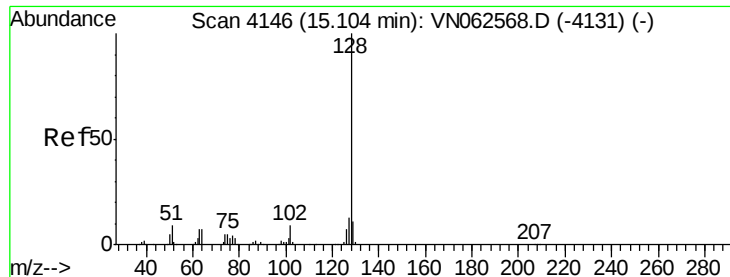
#94
 Hexachlorobutadiene
 Concen: 57.199 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062698.D
 Acq: 31 Jul 2020 20:20

Tgt Ion:225 Resp: 60000
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.0 96.0
 227 64.2 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

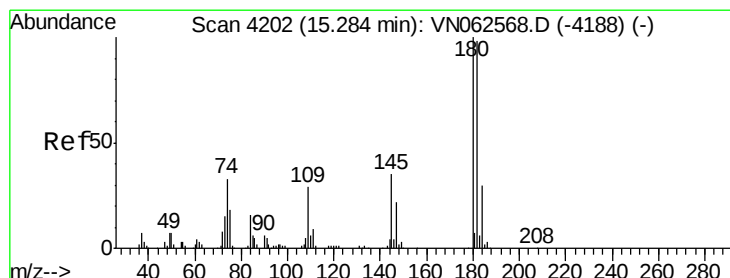
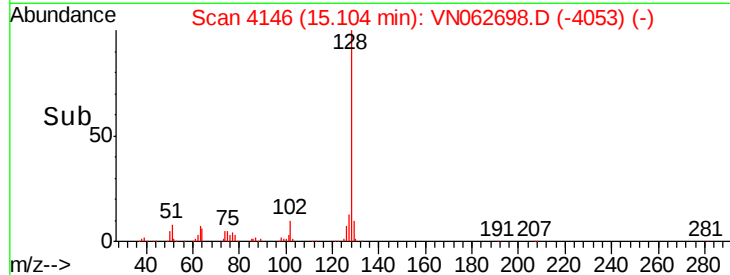
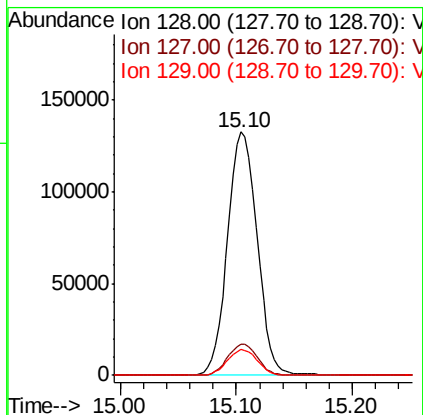
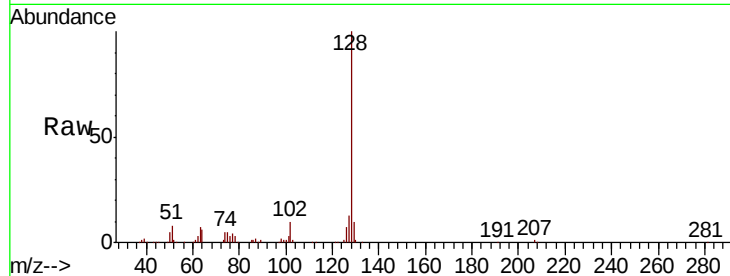




#95
Naphthalene
Concen: 44.038 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 235793
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.601 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062698.D
Acq: 31 Jul 2020 20:20

Tgt Ion:180 Resp: 92566
Ion Ratio Lower Upper
180 100
182 94.6 48.1 144.3
145 34.3 16.7 50.1

