

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063608.D
 Acq On : 23 Sep 2020 23:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 24 05:03:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184316	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196020	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.55	113	138778	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.06	98	522226	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.38	95	196731	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	126705	47.022	ug/l	99
3) Chloromethane	2.04	50	158165	44.370	ug/l	99
4) Vinyl Chloride	2.16	62	154622	48.958	ug/l	99
5) Bromomethane	2.52	94	99400	53.008	ug/l	99
6) Chloroethane	2.67	64	98365	50.739	ug/l	94
7) Trichlorofluoromethane	2.98	101	244940	51.982	ug/l	99
8) Diethyl Ether	3.38	74	90778	49.419	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	132450	49.982	ug/l	99
10) Methyl Iodide	3.91	142	166307	48.204	ug/l	99
11) Tert butyl alcohol	4.73	59	127648	227.576	ug/l	99
12) 1,1-Dichloroethene	3.70	96	128655	47.933	ug/l	97
13) Acrolein	3.57	56	64384	309.743	ug/l	99
14) Allyl chloride	4.28	41	243735	45.908	ug/l	99
15) Acrylonitrile	4.93	53	358109	250.996	ug/l	99
16) Acetone	3.78	43	322716	248.011	ug/l	98
17) Carbon Disulfide	4.01	76	339693	43.509	ug/l	100
18) Methyl Acetate	4.28	43	174102	52.705	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	484133	48.395	ug/l	99
20) Methylene Chloride	4.51	84	161754	49.064	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	140805	47.349	ug/l	95
22) Diisopropyl ether	5.90	45	529656	48.916	ug/l	99
23) Vinyl Acetate	5.85	43	2198857	247.266	ug/l	99
24) 1,1-Dichloroethane	5.80	63	289127	48.908	ug/l	99
25) 2-Butanone	6.78	43	498111	248.901	ug/l	99
26) 2,2-Dichloropropane	6.78	77	206179	39.613	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	167009	49.618	ug/l	98
28) Bromochloromethane	7.15	49	141685	51.908	ug/l	98
29) Tetrahydrofuran	7.17	42	335450	245.426	ug/l	99
30) Chloroform	7.33	83	306121	51.614	ug/l	99
31) Cyclohexane	7.61	56	238446	42.642	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	267705	50.748	ug/l	99
36) 1,1-Dichloropropene	7.75	75	212098	49.219	ug/l	99
37) Ethyl Acetate	6.88	43	223187	52.771	ug/l	97
38) Carbon Tetrachloride	7.74	117	226163	51.414	ug/l	99

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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)
39) Methylcyclohexane	9.05	83	211331	45.186	ug/l	98
40) Benzene	8.00	78	626126	50.899	ug/l	99
41) Methacrylonitrile	7.16	41	317974	167.162	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	262626	53.088	ug/l	99
43) Isopropyl Acetate	8.13	43	372735	49.287	ug/l	99
44) Trichloroethene	8.80	130	153670	51.504	ug/l	99
45) 1,2-Dichloropropane	9.08	63	172828	51.585	ug/l	96
46) Dibromomethane	9.18	93	116777	53.031	ug/l	100
47) Bromodichloromethane	9.37	83	247535	54.110	ug/l	98
48) Methyl methacrylate	9.17	41	190128	51.172	ug/l	99
49) 1,4-Dioxane	9.17	88	51730	970.187	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1130136	266.936	ug/l	99
52) Toluene	10.13	92	389438	52.656	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256171	50.160	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	265051	49.202	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	156677	53.333	ug/l	96
56) Ethyl methacrylate	10.40	69	239231	52.164	ug/l	99
57) 1,3-Dichloropropane	10.68	76	274069	51.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	586850	243.933	ug/l	97
59) 2-Hexanone	10.72	43	822933	268.299	ug/l	100
60) Dibromochloromethane	10.87	129	178574	53.806	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164922	54.036	ug/l	100
64) Tetrachloroethene	10.60	164	142687	54.589	ug/l	98
65) Chlorobenzene	11.41	112	410060	50.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	157472	52.721	ug/l	99
67) Ethyl Benzene	11.49	91	778582	50.738	ug/l	100
68) m/p-Xylenes	11.59	106	567625	102.595	ug/l	100
69) o-Xylene	11.92	106	269426	51.120	ug/l	99
70) Styrene	11.94	104	473144	53.533	ug/l	98
71) Bromoform	12.10	173	119410	53.663	ug/l #	100
73) Isopropylbenzene	12.23	105	744453	50.403	ug/l	100
74) N-amyl acetate	12.05	43	343662	49.153	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	229033	50.081	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	309059	67.745	ug/l #	100
77) Bromobenzene	12.50	156	174903	52.643	ug/l	95
78) n-propylbenzene	12.57	91	859236	49.947	ug/l	100
79) 2-Chlorotoluene	12.65	91	528176	51.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	630060	51.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	76599	46.033	ug/l	98
82) 4-Chlorotoluene	12.75	91	551058	50.575	ug/l	100
83) tert-Butylbenzene	12.97	119	504774	49.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	645682	51.902	ug/l	100
85) sec-Butylbenzene	13.15	105	676354	49.707	ug/l	100
86) p-Isopropyltoluene	13.26	119	598414	49.862	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	316645	51.420	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	320276	51.155	ug/l	99
89) n-Butylbenzene	13.59	91	536118	48.464	ug/l	98
90) Hexachloroethane	13.85	117	107973	47.248	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	316915	52.419	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52950	48.622	ug/l	99

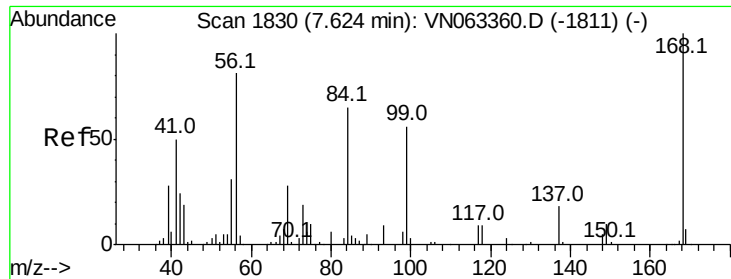
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170321	47.787	ug/l	99
94) Hexachlorobutadiene	14.98	225	76075	51.557	ug/l	96
95) Naphthalene	15.10	128	570539	48.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	167058	48.510	ug/l	98

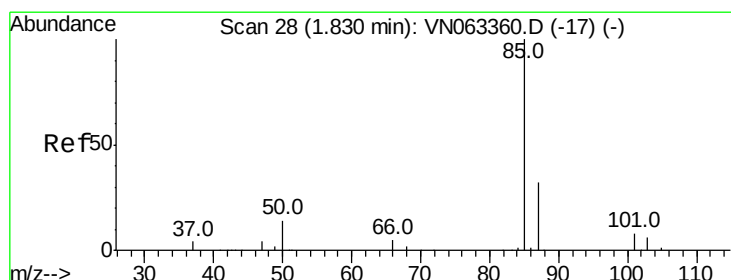
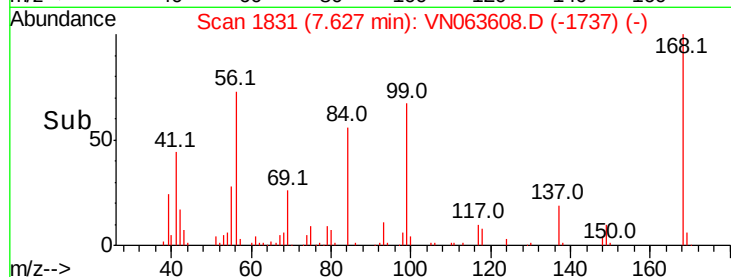
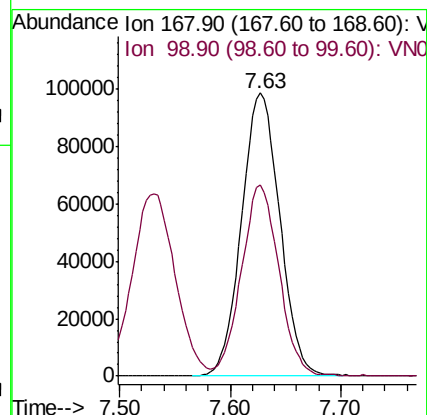
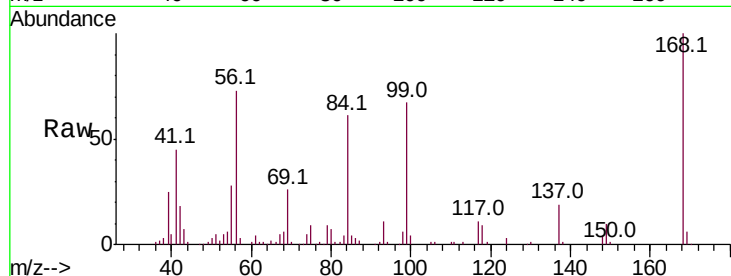
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063608.D
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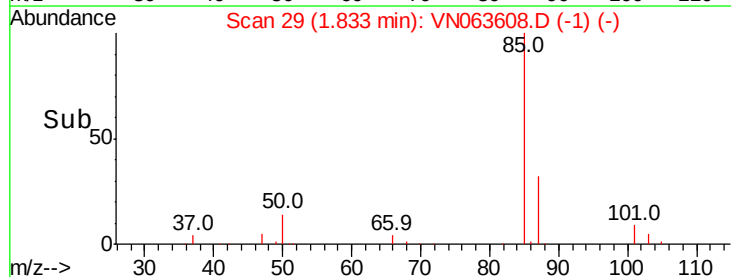
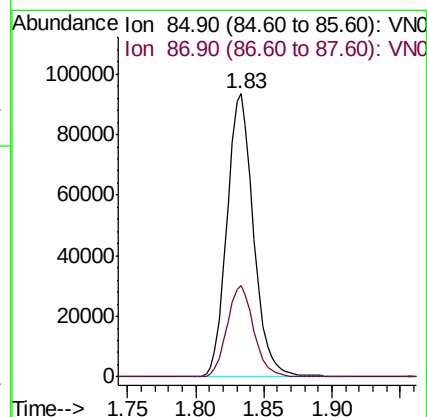
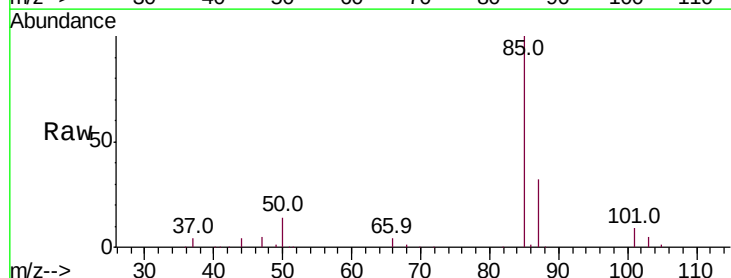
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

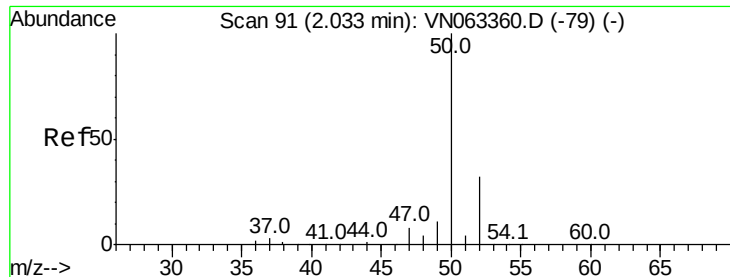
Tot Ion:168 Resp: 237848
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 47.022 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 85 Resp: 126705
Ion Ratio Lower Upper
85 100
87 32.2 15.9 47.6

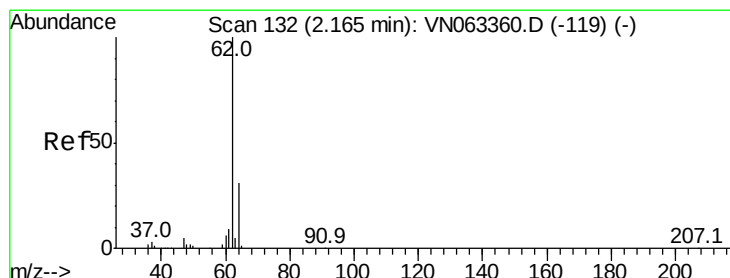
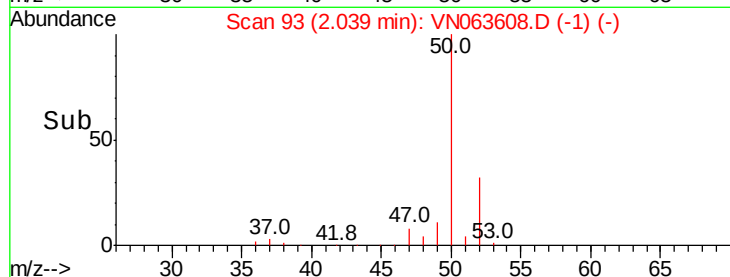
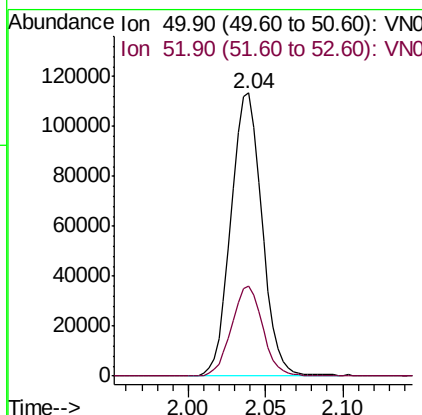
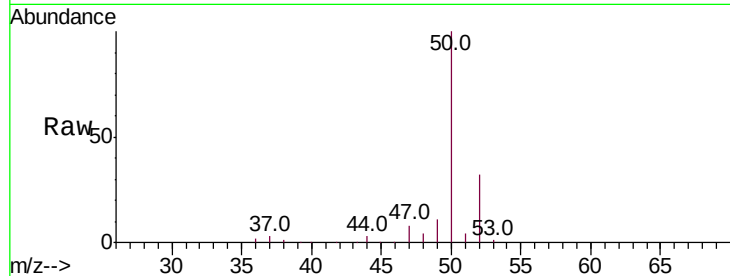




#3
Chloromethane
Concen: 44.370 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

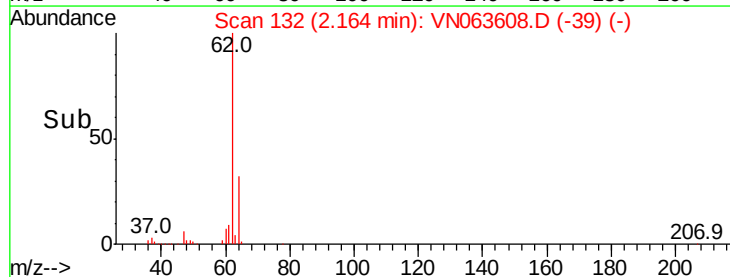
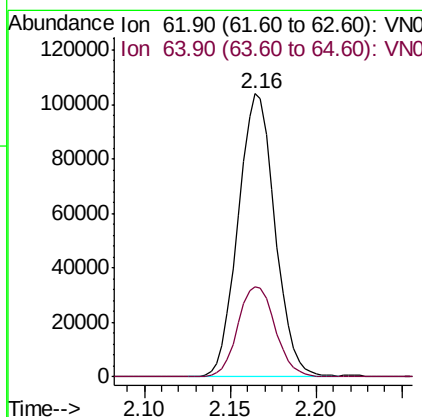
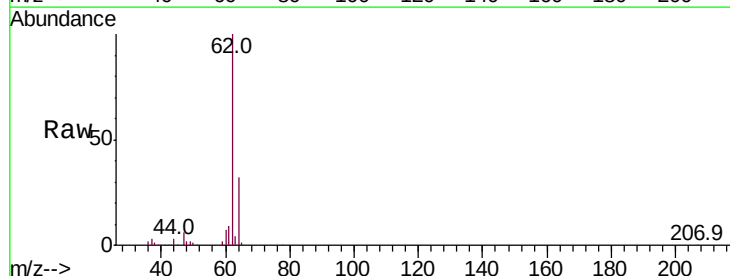
Instrument :
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ClientSampleId :
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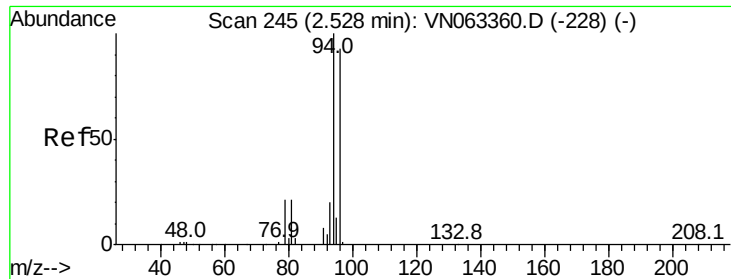
Tot Ion: 50 Resp: 158165
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9



#4
Vinyl Chloride
Concen: 48.958 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 62 Resp: 154622
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





#5

Bromomethane

Concen: 53.008 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

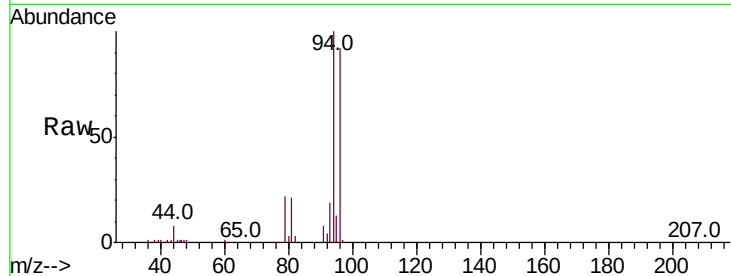
VSTDCCC050

Tot Ion: 94 Resp: 99400

Ion Ratio Lower Upper

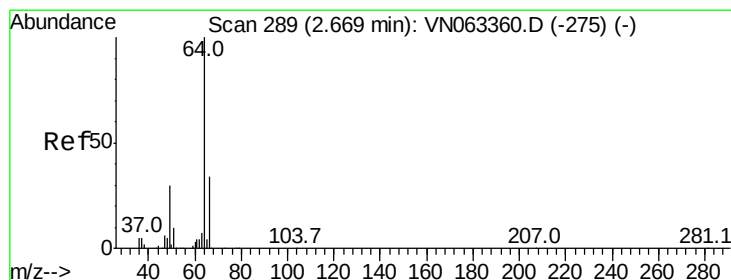
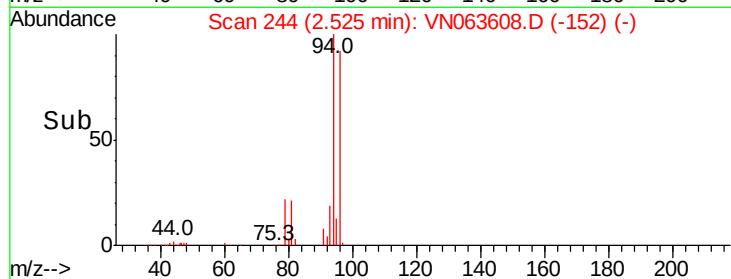
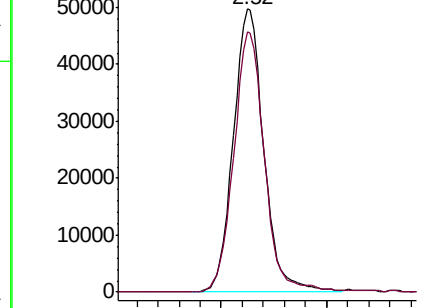
94 100

96 91.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.739 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063608.D

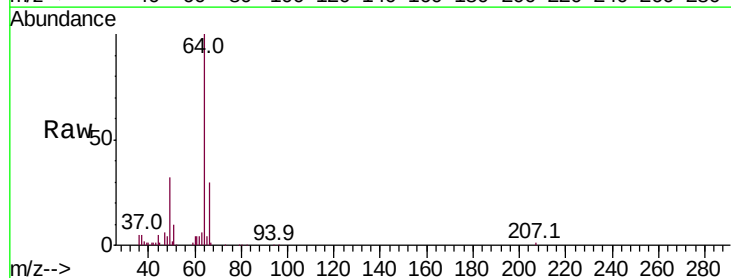
Acq: 23 Sep 2020 23:17

Tgt Ion: 64 Resp: 98365

Ion Ratio Lower Upper

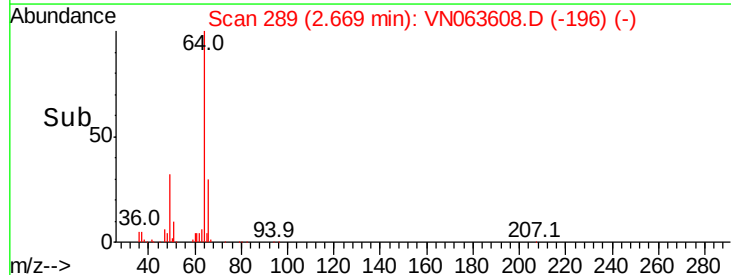
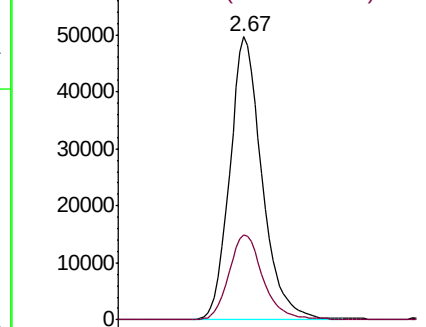
64 100

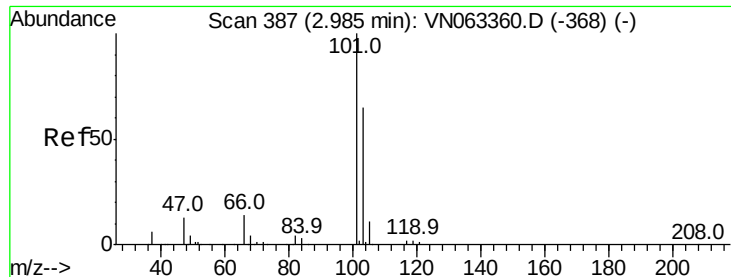
66 30.2 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



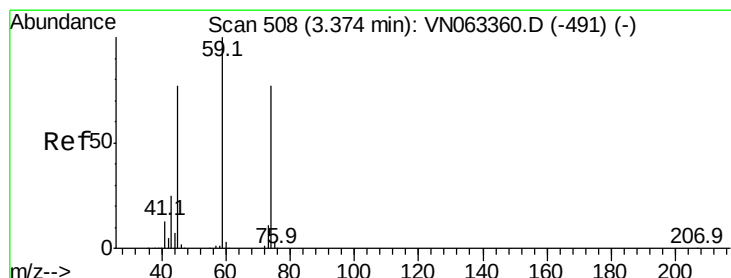
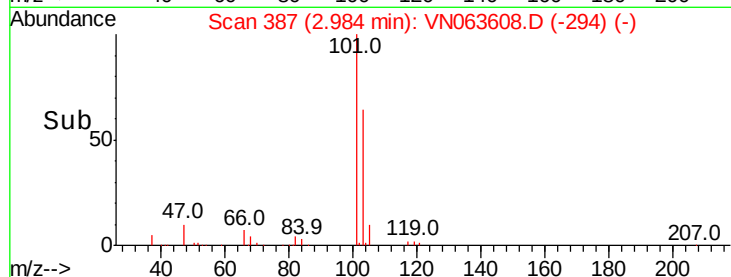
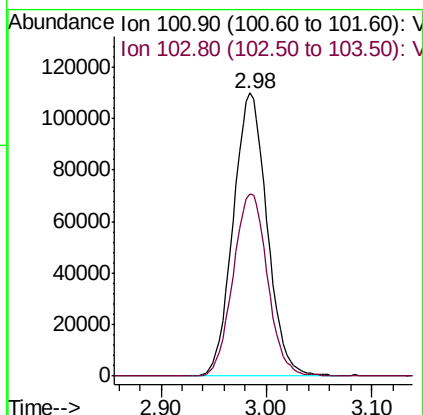
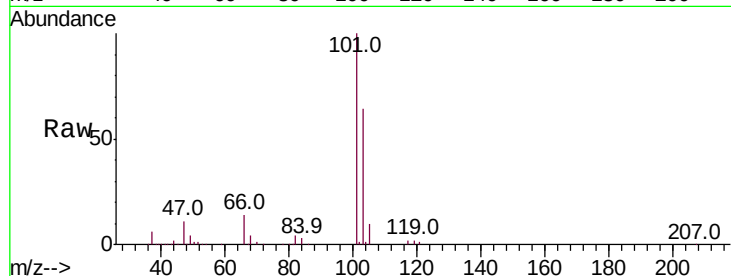


#7

Trichlorofluoromethane
 Concen: 51.982 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Instrument :
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 VSTDCCC050

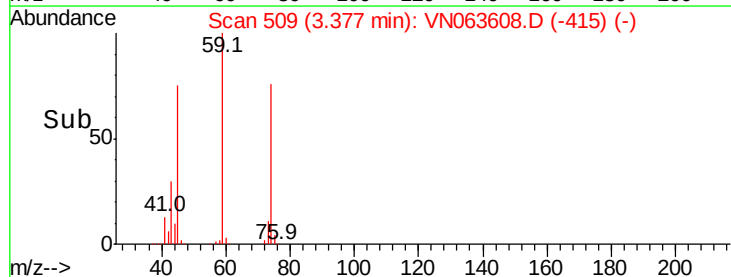
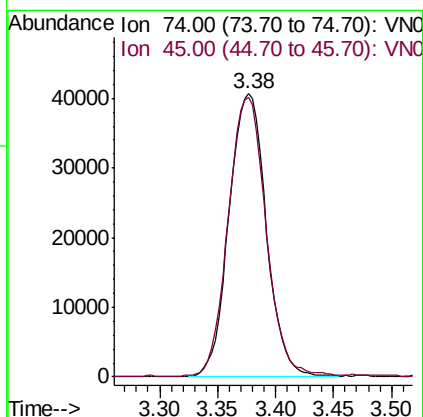
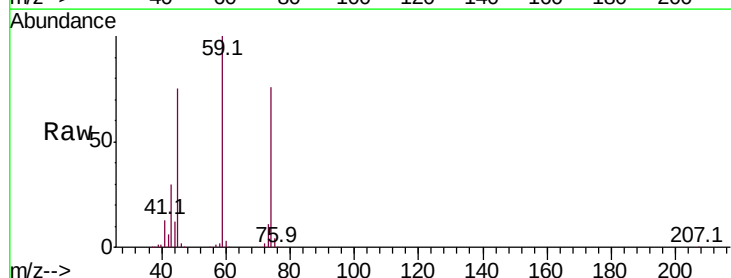
Tot Ion:101 Resp: 244940
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

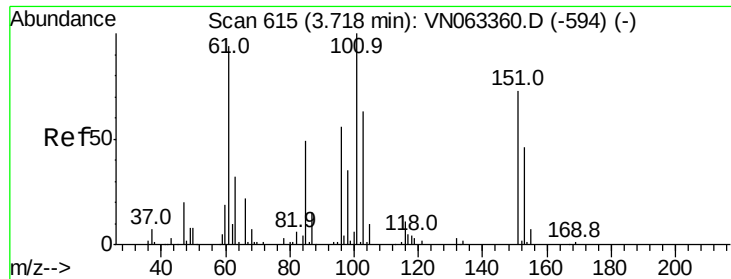


#8

Diethyl Ether
 Concen: 49.419 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Tgt Ion: 74 Resp: 90778
 Ion Ratio Lower Upper
 74 100
 45 101.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.982 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

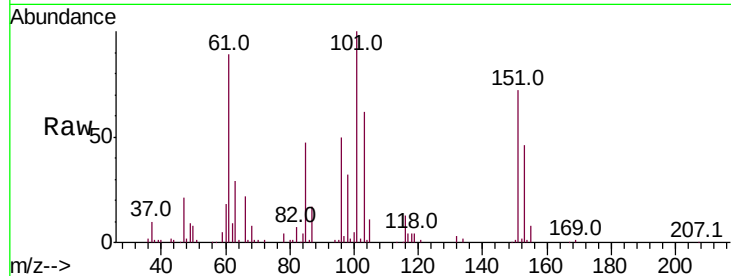
Tot Ion:101 Resp: 132450

Ion Ratio Lower Upper

101 100

85 47.9 37.7 56.5

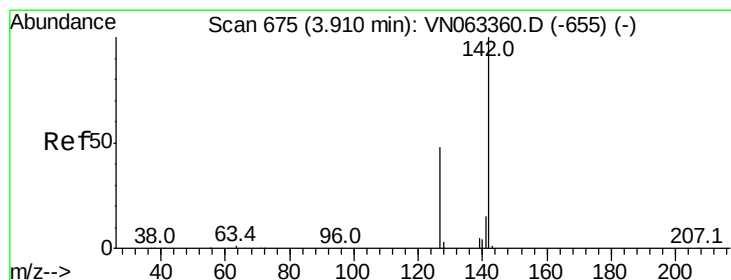
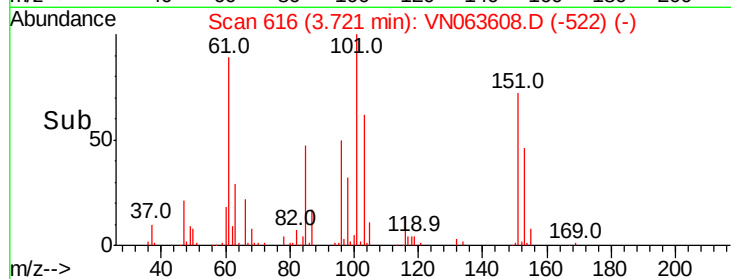
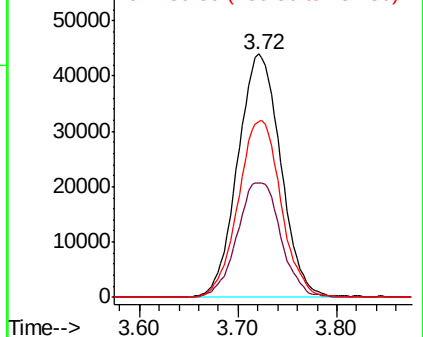
151 72.4 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.204 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

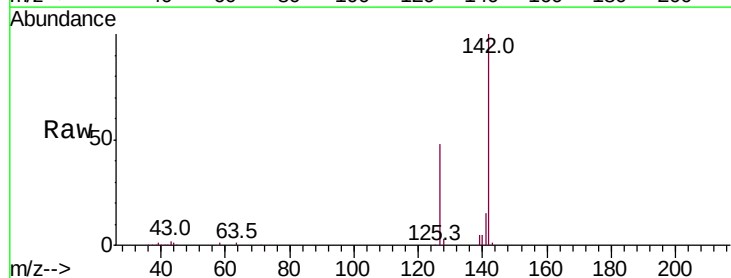
Tgt Ion:142 Resp: 166307

Ion Ratio Lower Upper

142 100

127 49.5 39.0 58.6

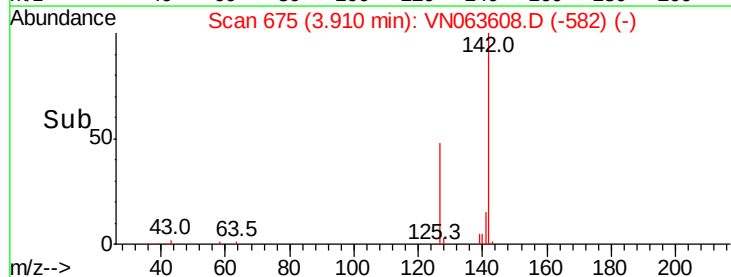
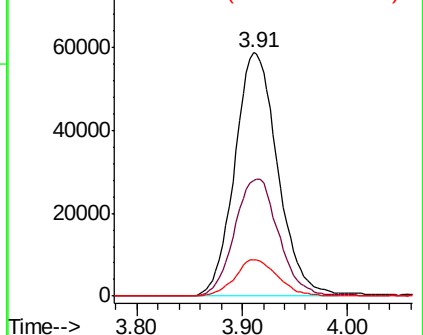
141 14.9 11.6 17.4

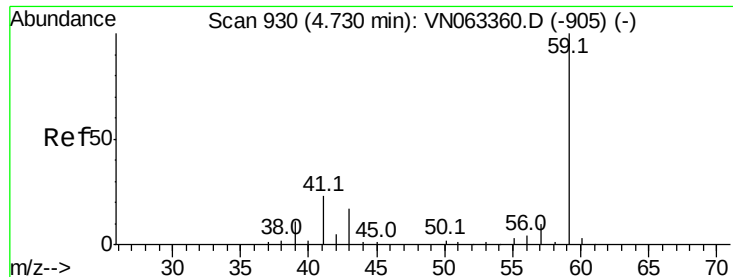


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



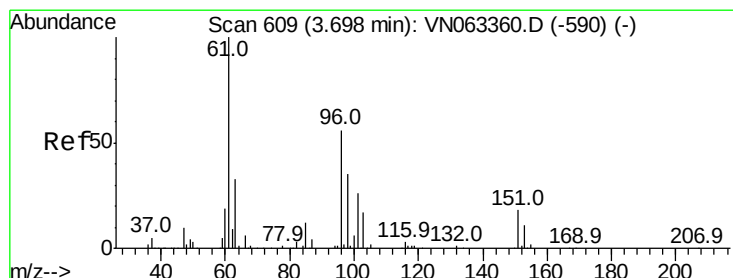
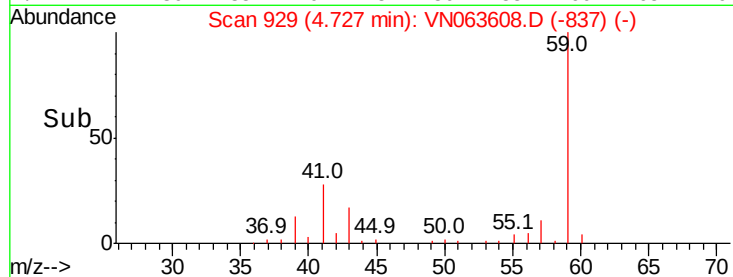
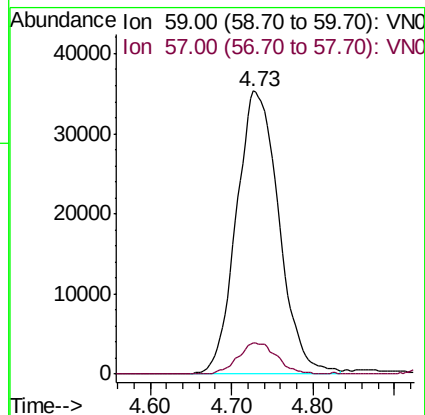
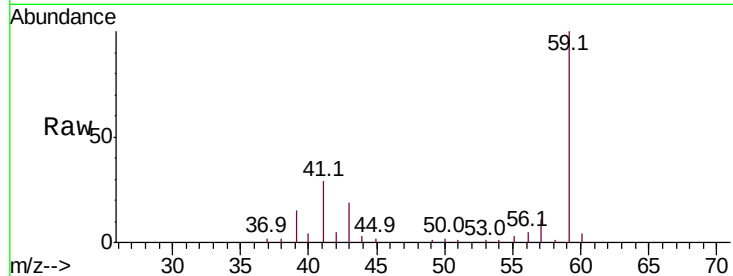


#11

Tert butyl alcohol
 Concen: 227.576 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

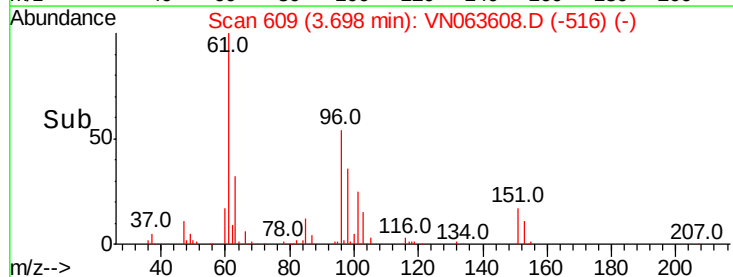
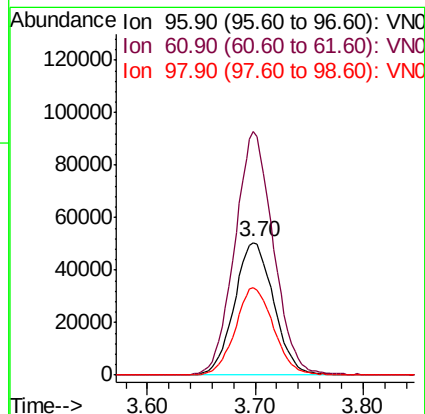
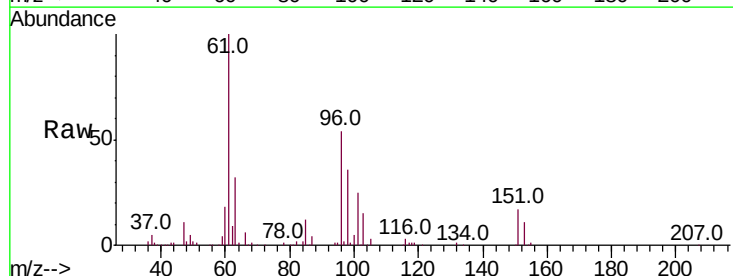
Tot Ion: 59 Resp: 127648
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

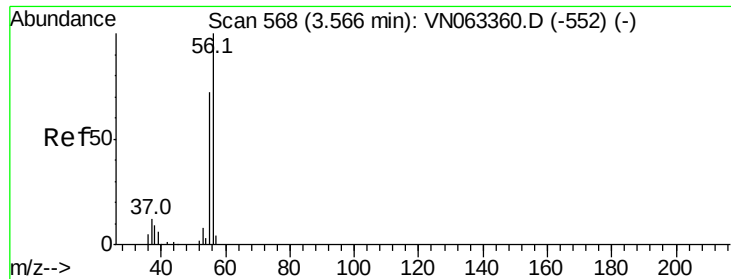


#12

1,1-Dichloroethene
 Concen: 47.933 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Tgt Ion: 96 Resp: 128655
 Ion Ratio Lower Upper
 96 100
 61 183.3 143.4 215.2
 98 66.1 50.6 76.0

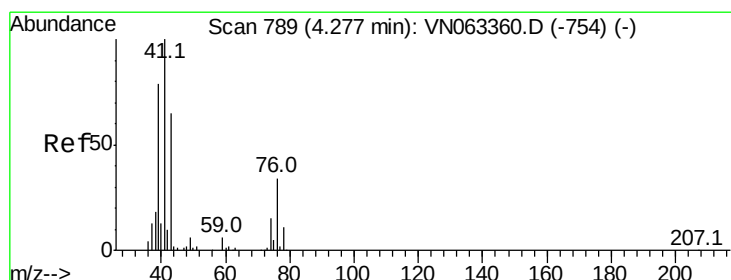
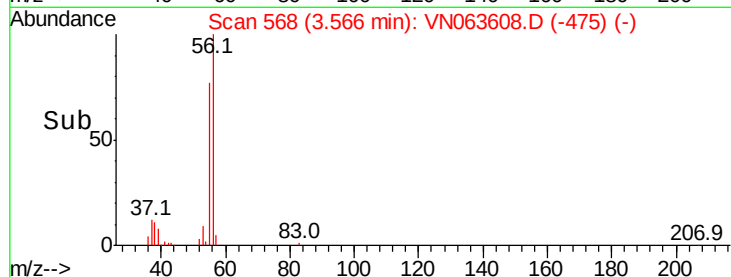
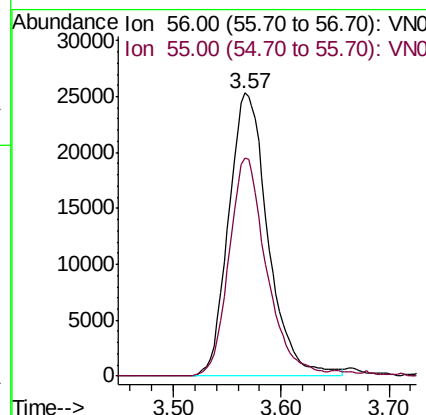
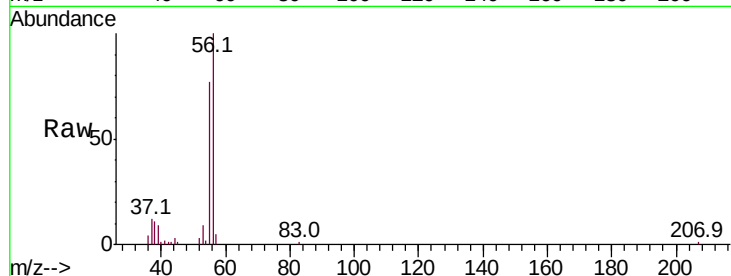




#13
Acrolein
Concen: 309.743 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

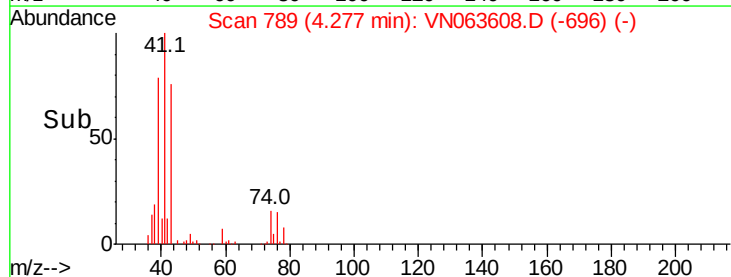
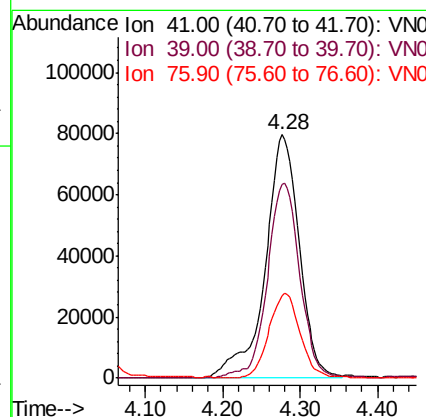
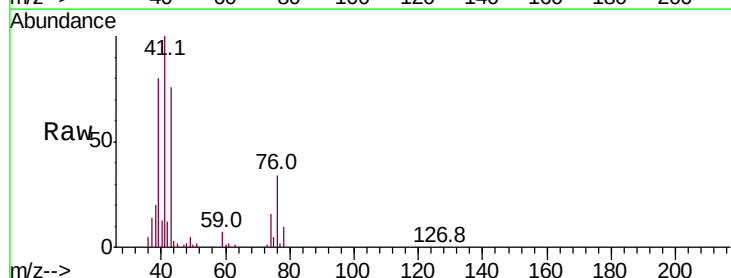
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

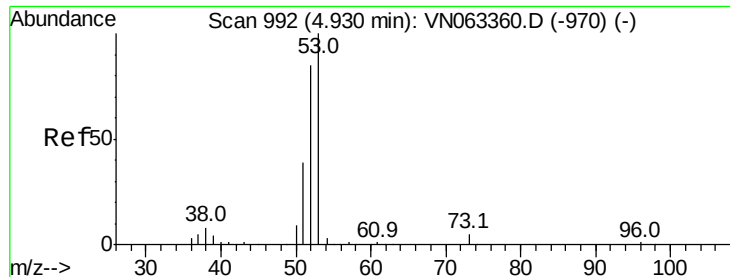
Tot Ion: 56 Resp: 64384
Ion Ratio Lower Upper
56 100
55 73.7 58.2 87.2



#14
Allyl chloride
Concen: 45.908 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 41 Resp: 243735
Ion Ratio Lower Upper
41 100
39 75.5 59.3 88.9
76 31.7 25.3 37.9





#15

Acrylonitrile

Concen: 250.996 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

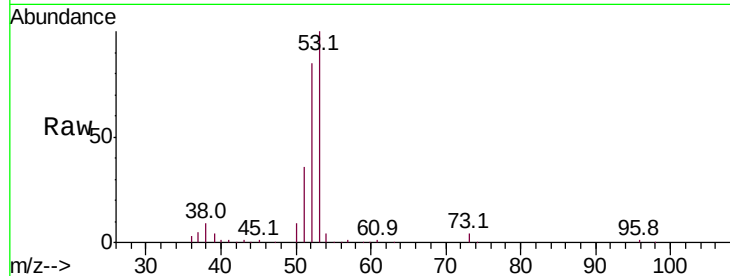
Tot Ion: 53 Resp: 358109

Ion Ratio Lower Upper

53 100

52 84.5 66.4 99.6

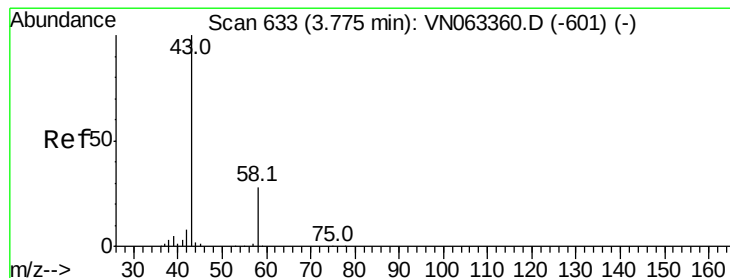
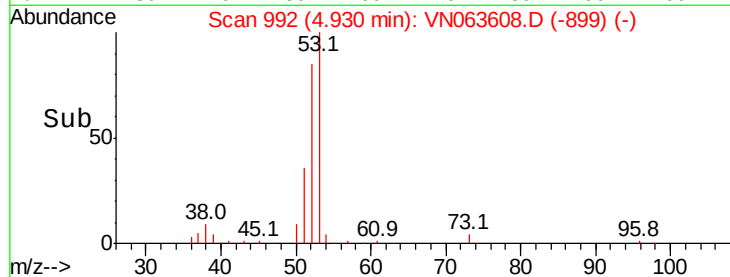
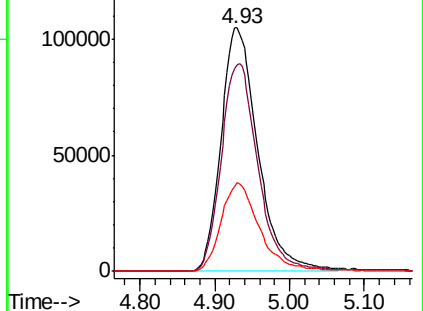
51 38.0 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 248.011 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063608.D

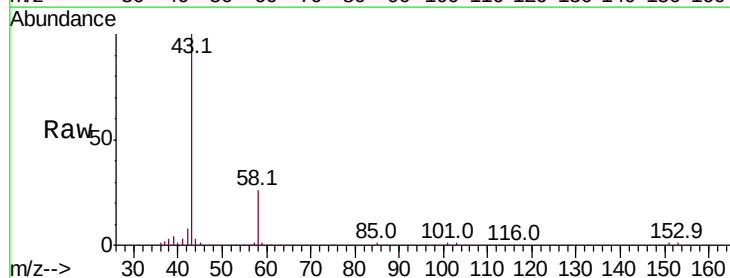
Acq: 23 Sep 2020 23:17

Tgt Ion: 43 Resp: 322716

Ion Ratio Lower Upper

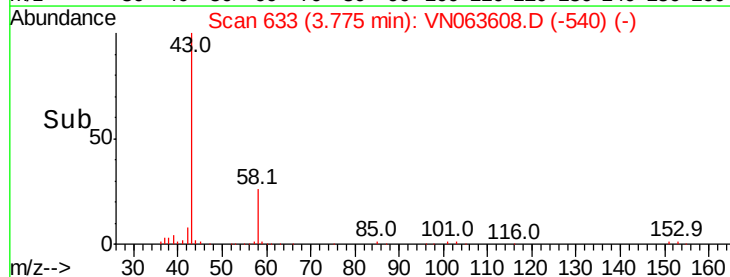
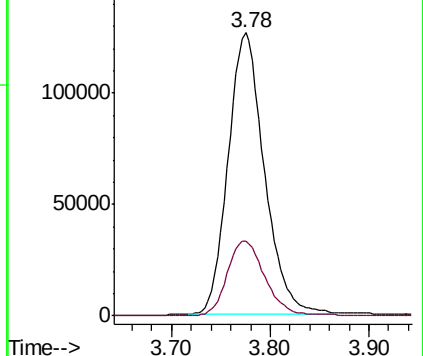
43 100

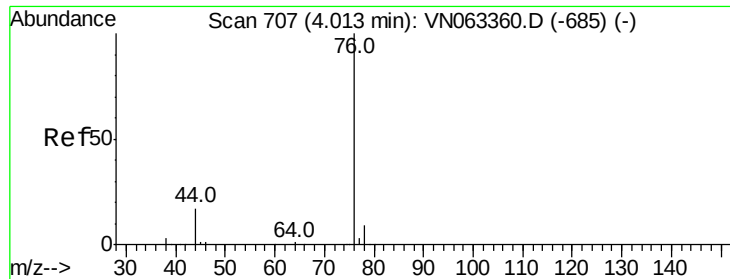
58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

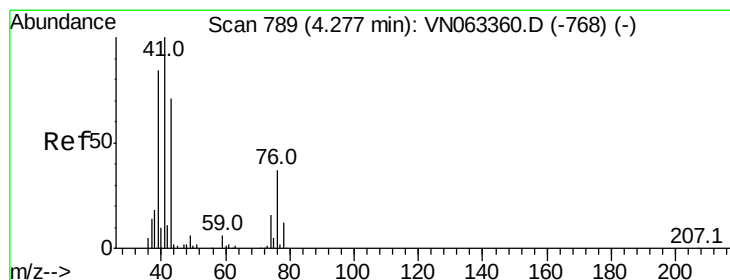
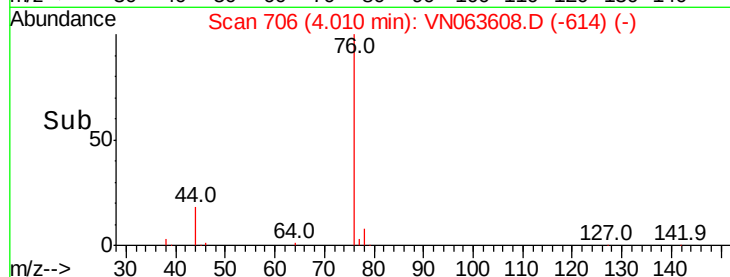
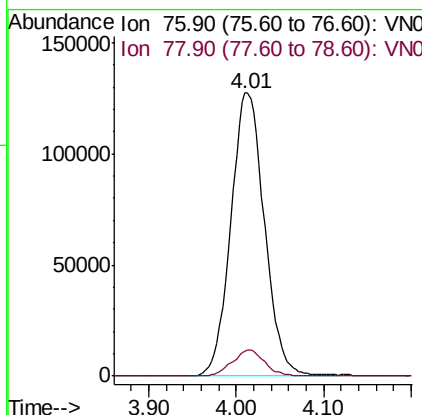
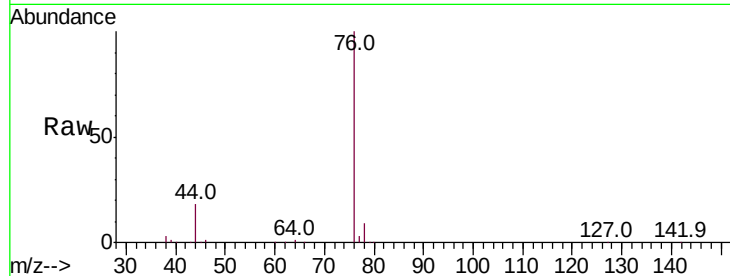




#17
Carbon Disulfide
Concen: 43.509 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

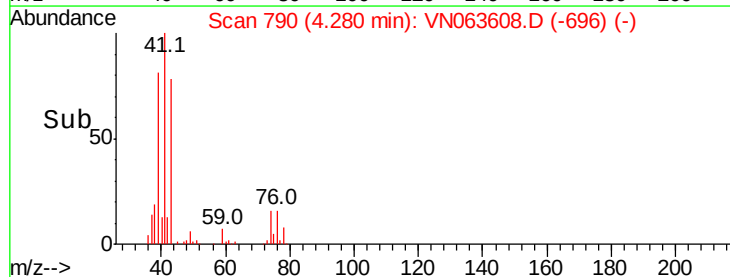
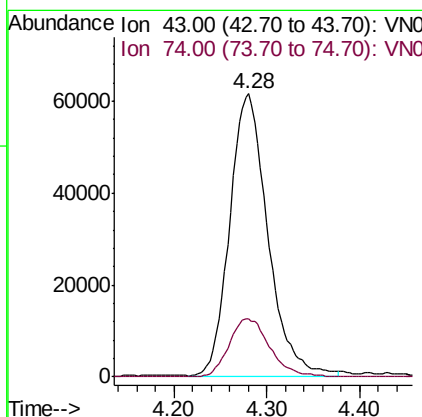
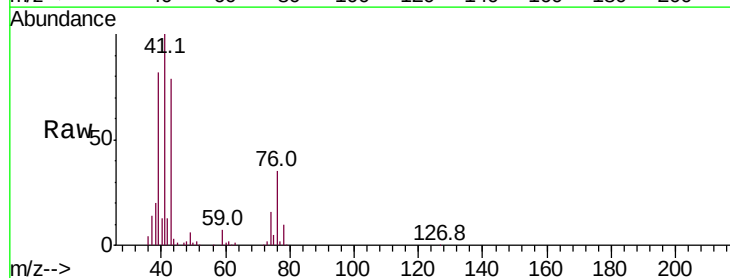
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

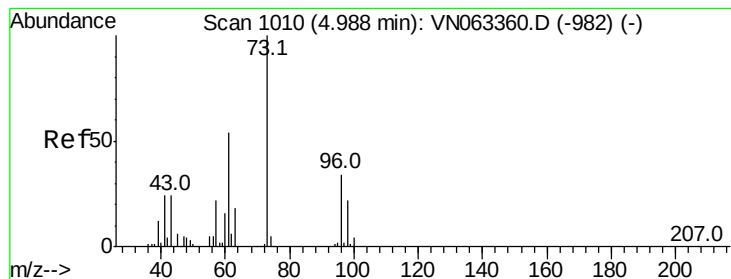
Tot Ion: 76 Resp: 339693
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 52.705 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 43 Resp: 174102
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2



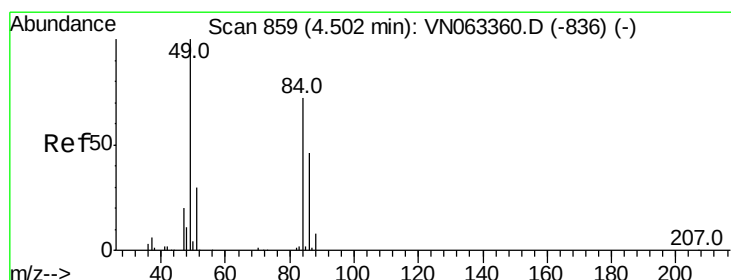
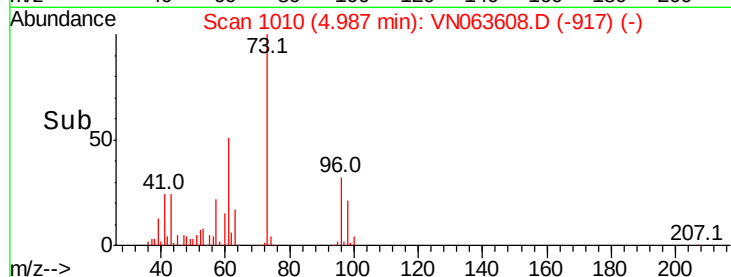
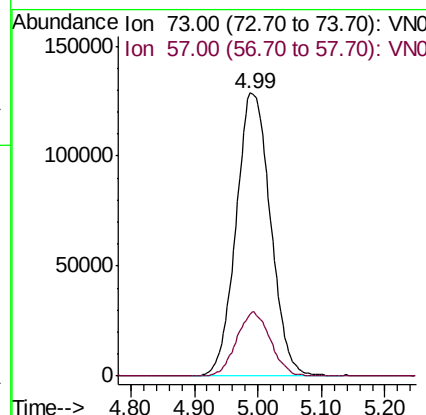
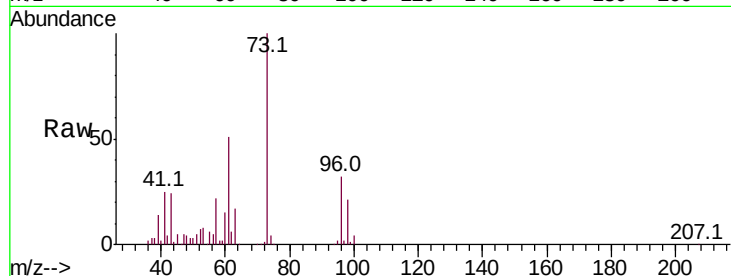


#19

Methvl tert-butvl Ether
 Concen: 48.395 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

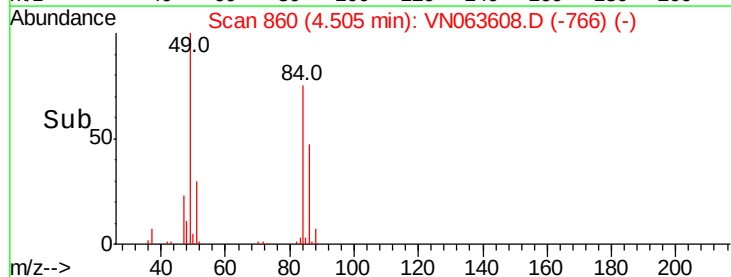
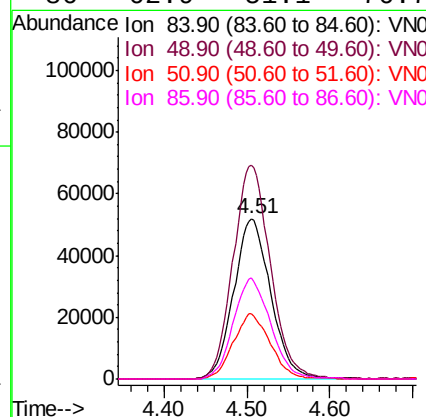
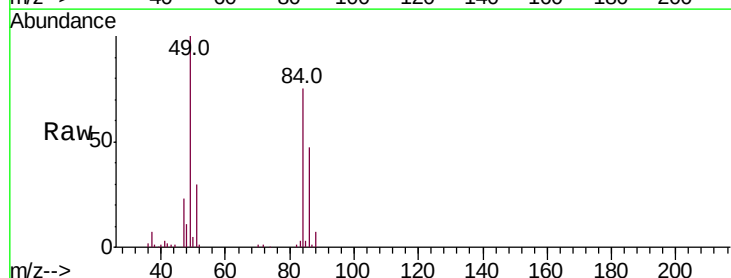
Tot Ion: 73 Resp: 484133
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.9 26.9

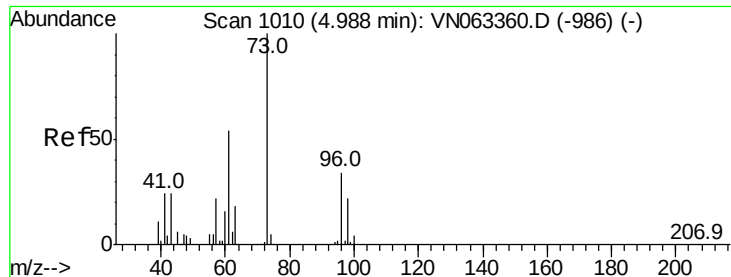


#20

Methylene Chloride
 Concen: 49.064 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Tgt Ion: 84 Resp: 161754
 Ion Ratio Lower Upper
 84 100
 49 133.2 110.7 166.1
 51 40.6 32.9 49.3
 86 62.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.349 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

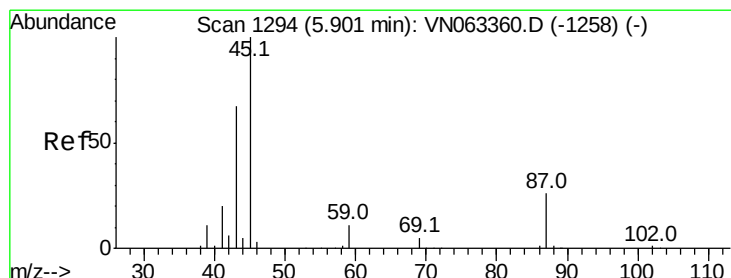
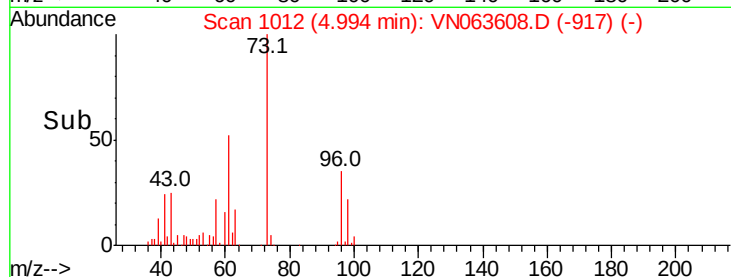
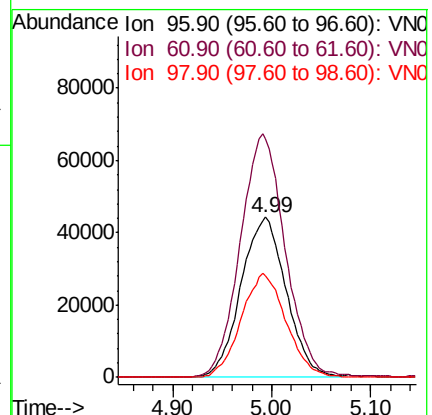
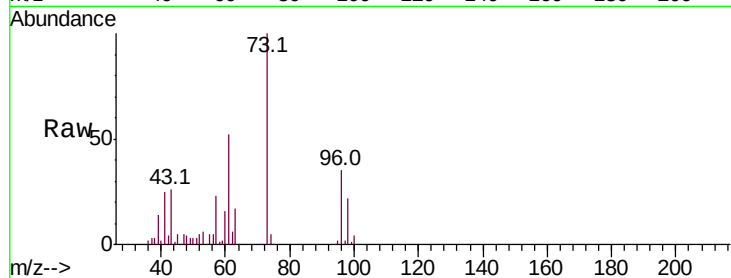
Tot Ion: 96 Resp: 140805

Ion Ratio Lower Upper

96 100

61 149.1 126.2 189.4

98 63.2 51.0 76.4



#22

Diisopropyl ether

Concen: 48.916 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Tgt Ion: 45 Resp: 529656

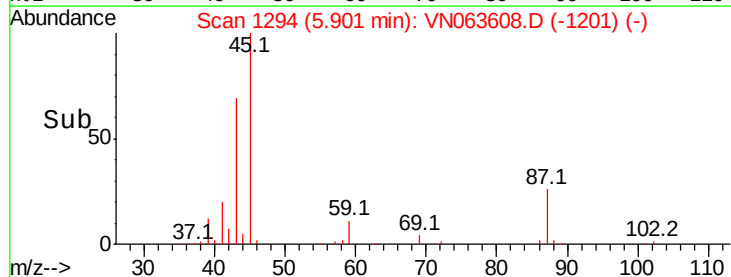
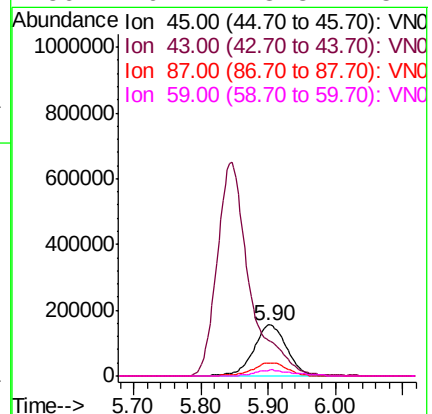
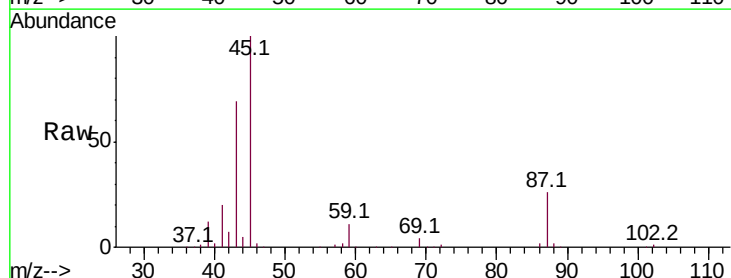
Ion Ratio Lower Upper

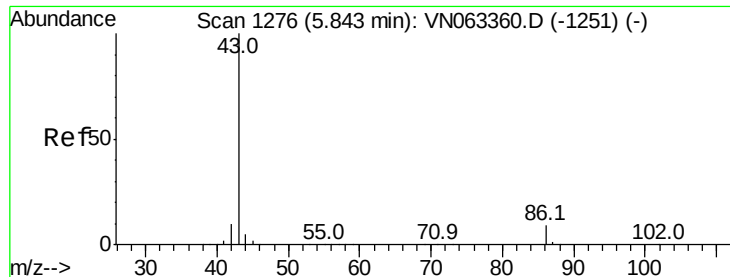
45 100

43 67.9 53.5 80.3

87 25.7 21.2 31.8

59 10.7 8.8 13.2





#23

Vinyl Acetate

Concen: 247.266 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

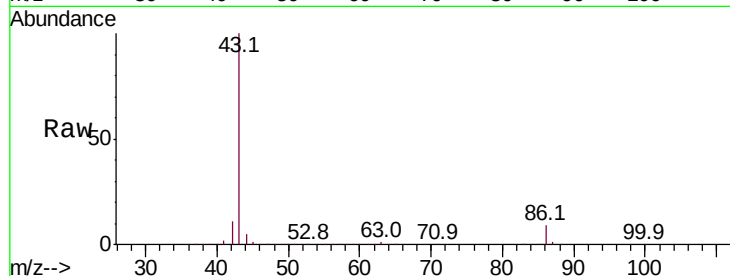
VSTDCCC050

Tot Ion: 43 Resp: 2198857

Ion Ratio Lower Upper

43 100

86 9.1 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1251) (-)

Ion 86.00 (85.70 to 86.70): VN063360.D (-1251) (-)

5.85

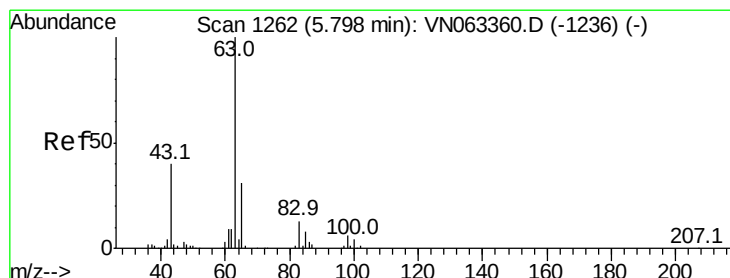
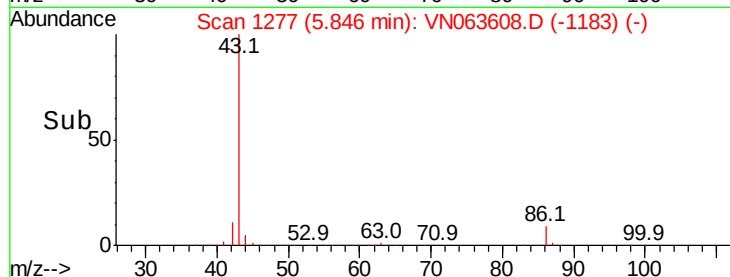
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.908 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

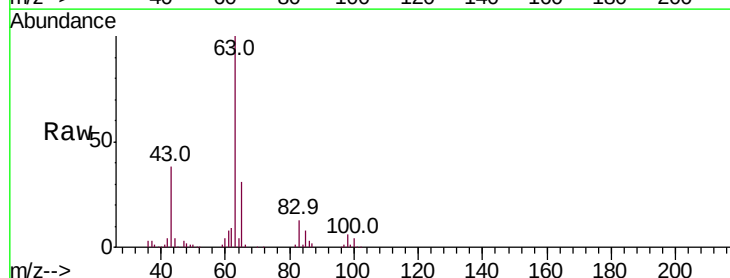
Tgt Ion: 63 Resp: 289127

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.8 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN063360.D (-1236) (-)

5.80

120000

100000

80000

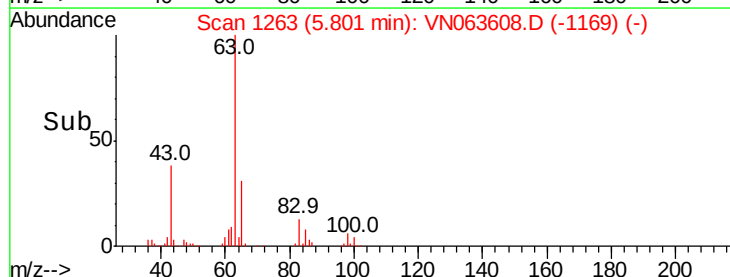
60000

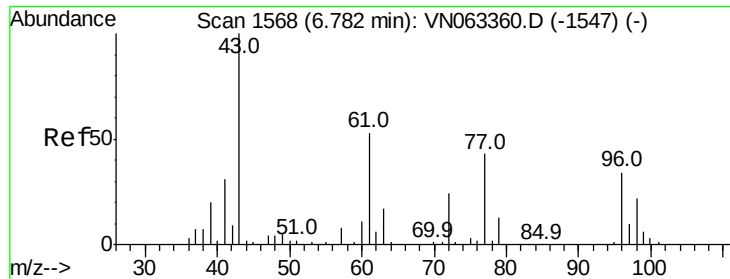
40000

20000

0

Time-->





#25

2-Butanone

Concen: 248.901 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

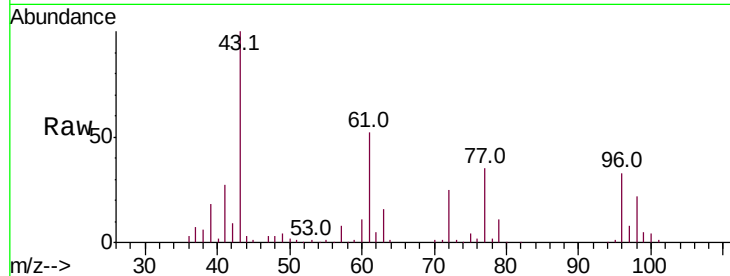
VSTDCCC050

Tot Ion: 43 Resp: 498111

Ion Ratio Lower Upper

43 100

72 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1547) (-)

6.78

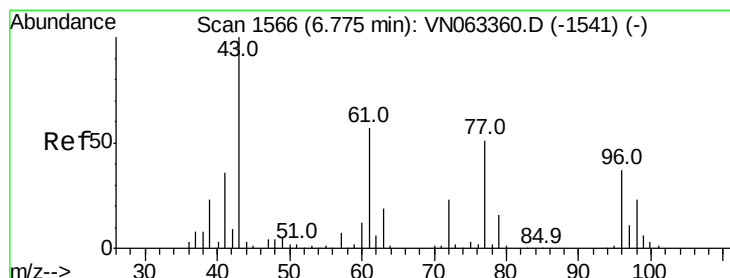
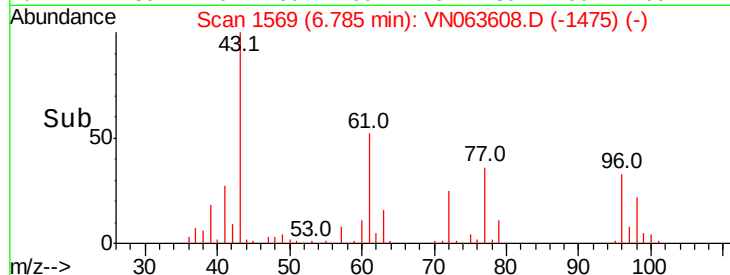
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 39.613 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063608.D

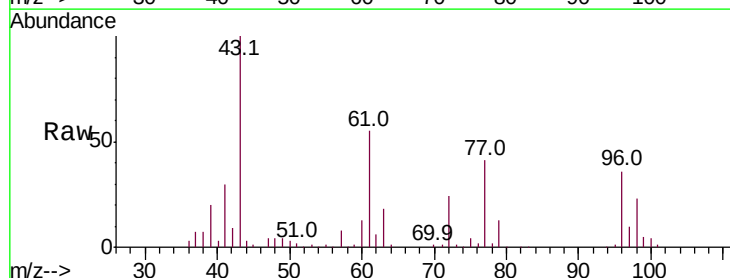
Acq: 23 Sep 2020 23:17

Tgt Ion: 77 Resp: 206179

Ion Ratio Lower Upper

77 100

97 22.0 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN063360.D (-1541) (-)

Ion 96.90 (96.60 to 97.60): VN063360.D (-1541) (-)

6.78

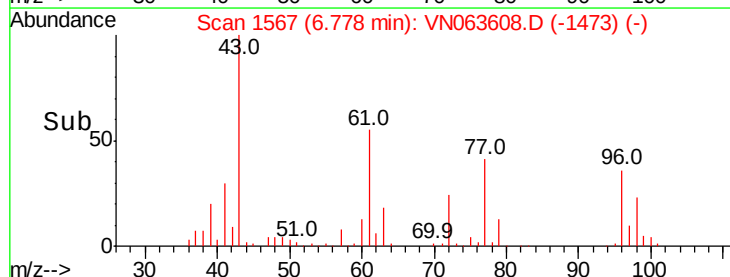
60000

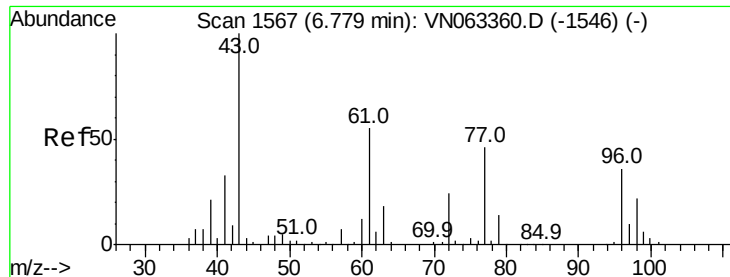
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.618 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

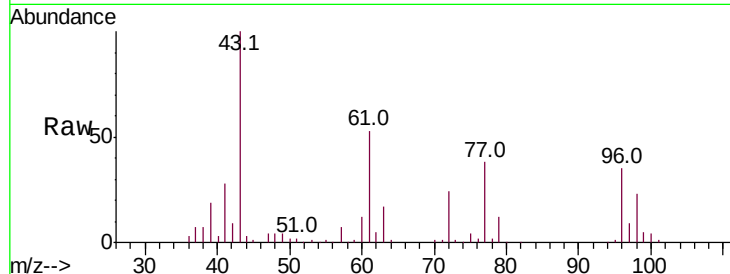
Tot Ion: 96 Resp: 167009

Ion Ratio Lower Upper

96 100

61 156.8 0.0 319.6

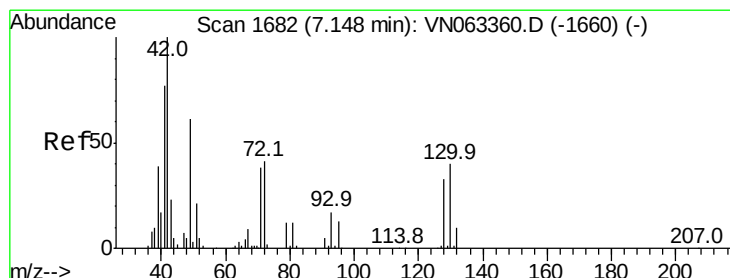
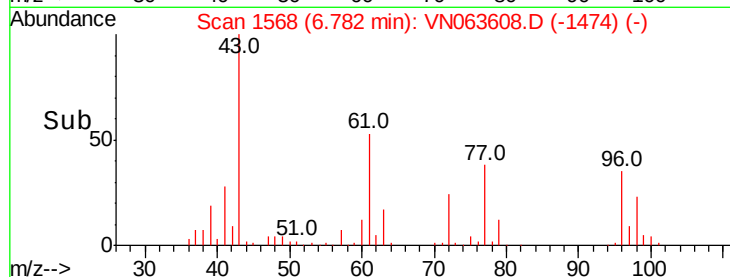
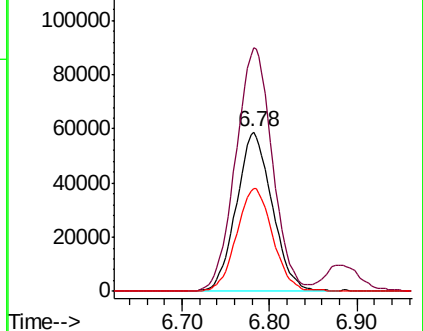
98 65.4 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.908 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

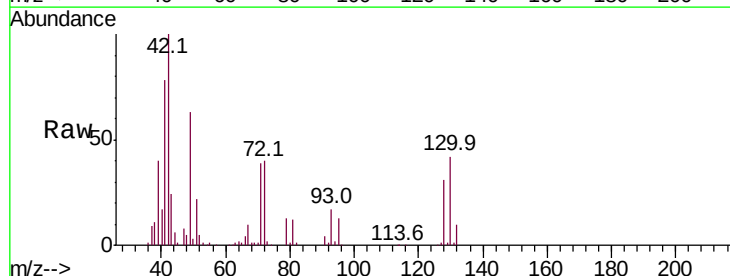
Tgt Ion: 49 Resp: 141685

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

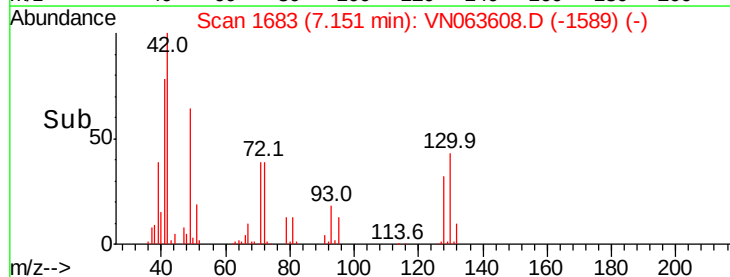
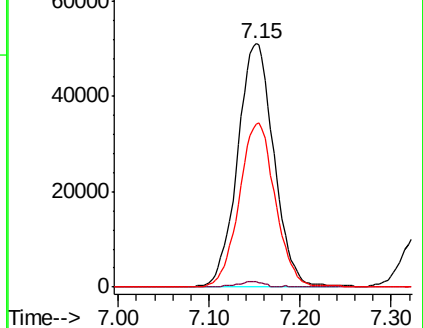
130 66.8 52.2 78.2

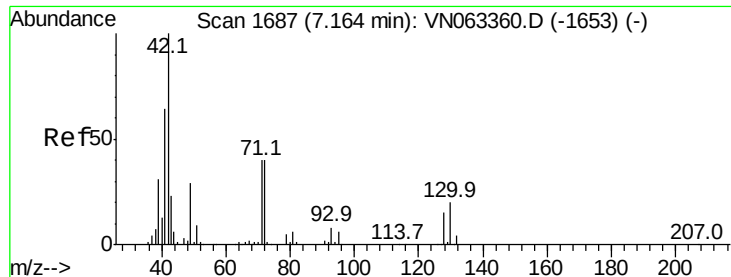


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 245.426 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

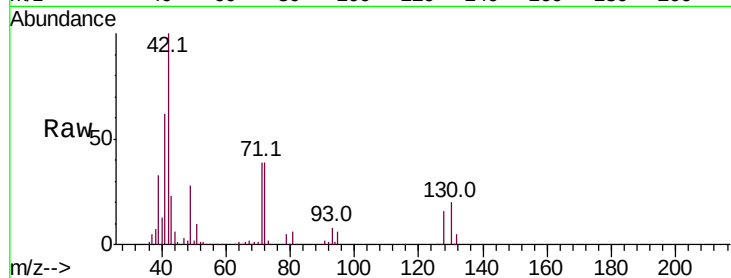
Tot Ion: 42 Resp: 335450

Ion Ratio Lower Upper

42 100

72 40.6 32.1 48.1

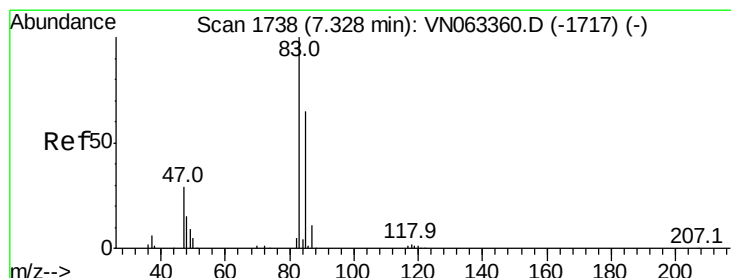
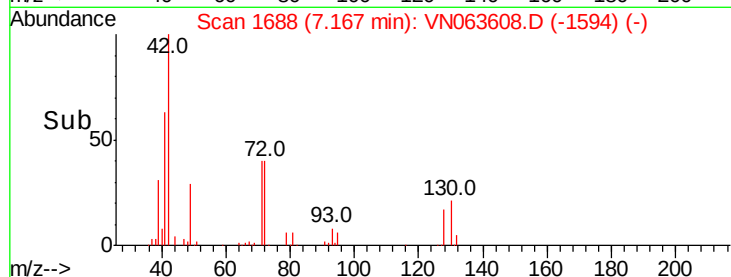
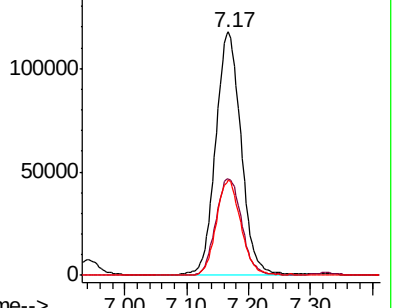
71 38.1 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN063360.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN063360.D (-1653) (-)



#30

Chloroform

Concen: 51.614 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063608.D

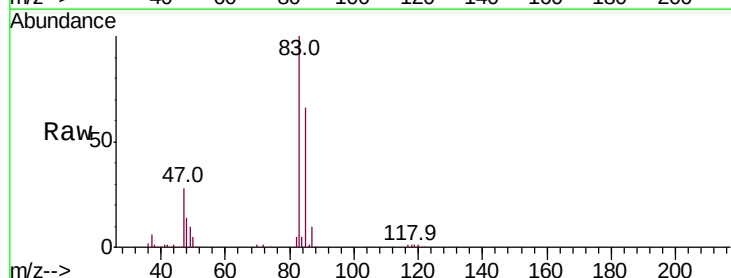
Acq: 23 Sep 2020 23:17

Tgt Ion: 83 Resp: 306121

Ion Ratio Lower Upper

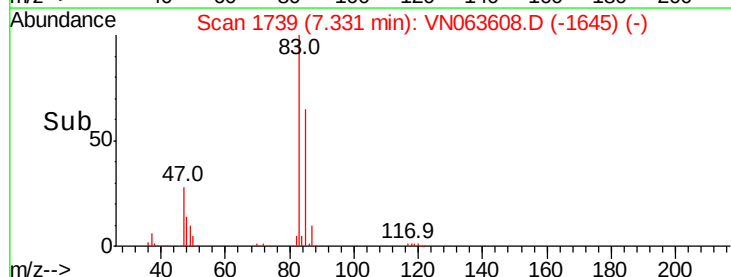
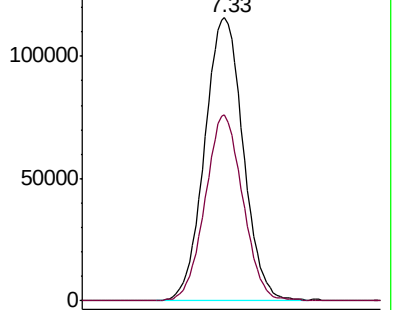
83 100

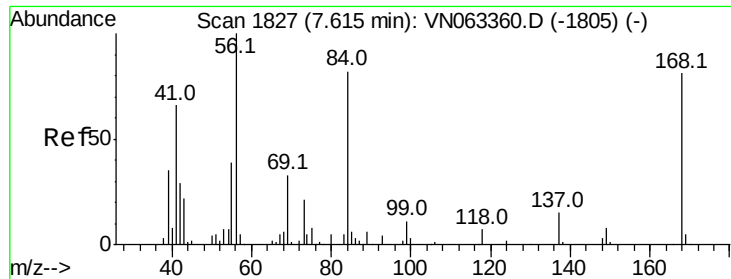
85 65.6 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-1717) (-)

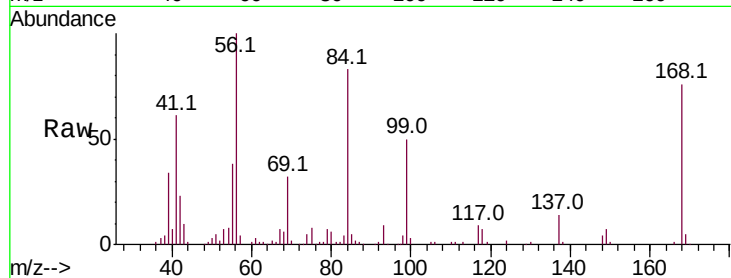




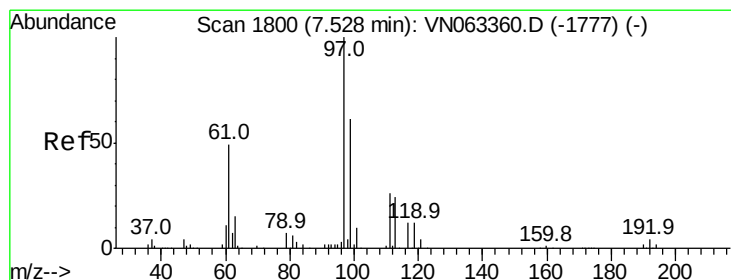
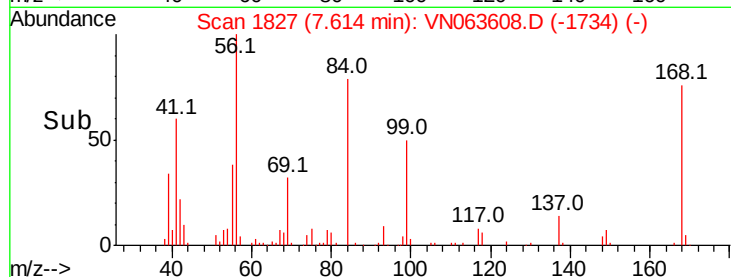
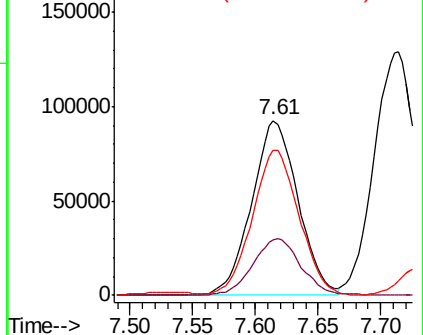
#31
Cyclohexane
Concen: 42.642 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 238446
Ion Ratio Lower Upper
56 100
69 31.6 26.1 39.1
84 81.3 65.4 98.2

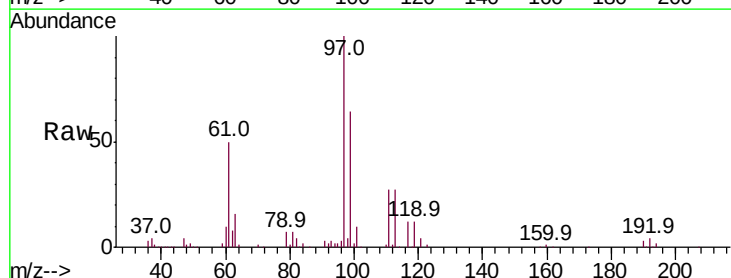


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

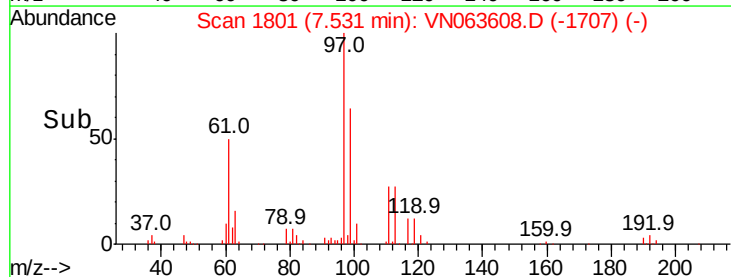
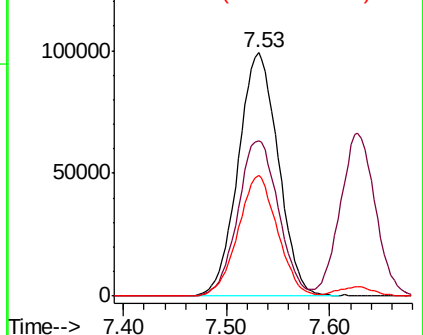


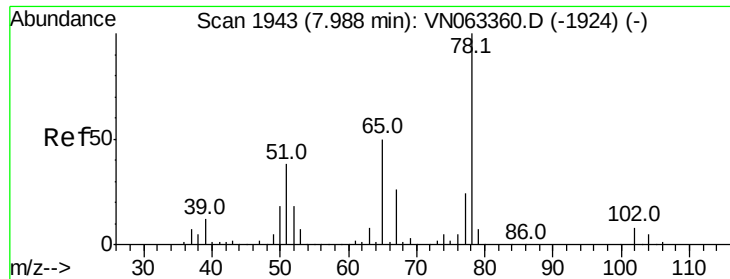
#32
1,1,1-Trichloroethane
Concen: 50.748 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 97 Resp: 267705
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 48.7 39.2 58.8



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

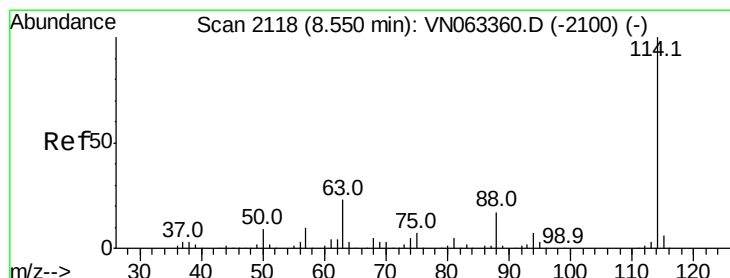
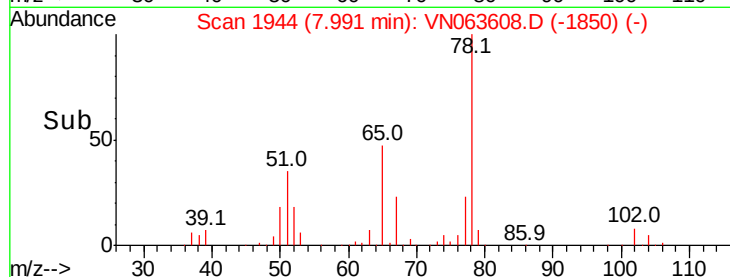
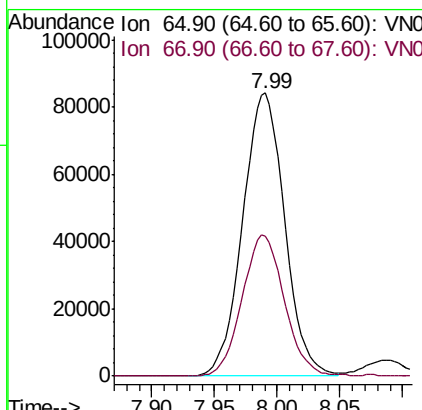
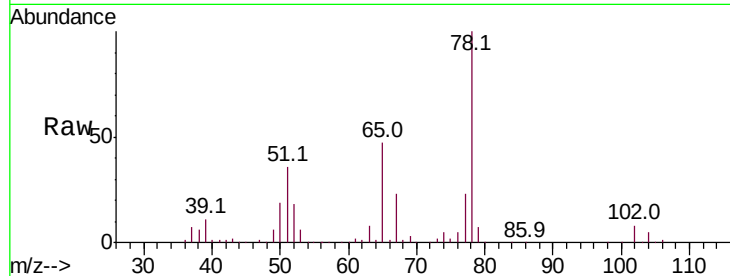




#33
 1,2-Dichloroethane-d4
 Concen: 48.414 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

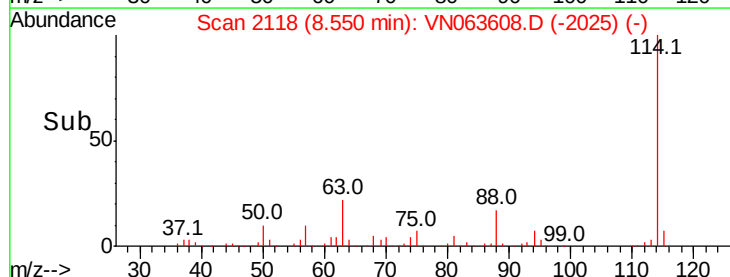
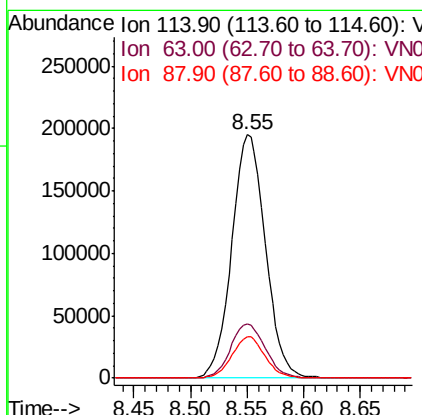
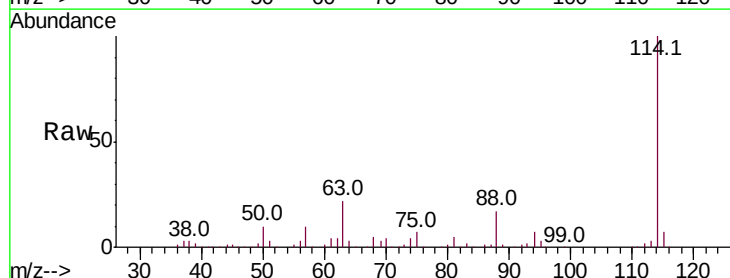
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

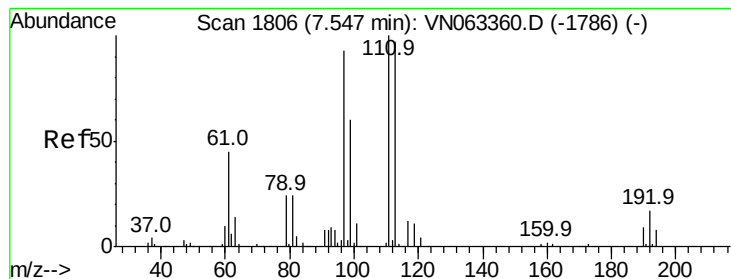
Tot Ion: 65 Resp: 196020
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Tgt Ion: 114 Resp: 404487
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.4
 88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.560 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

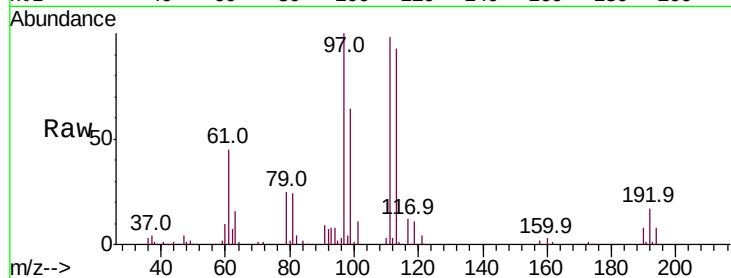
Tot Ion:113 Resp: 138778

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

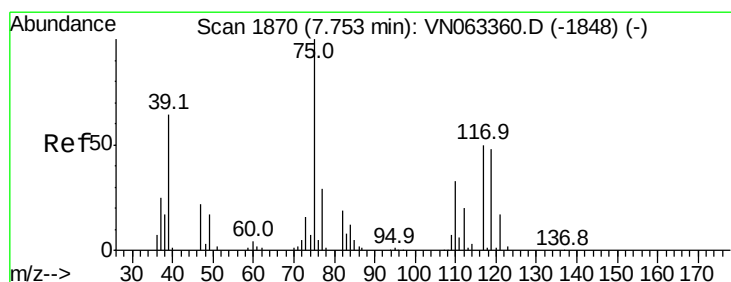
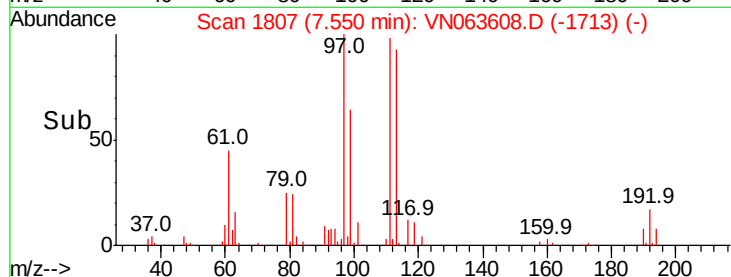
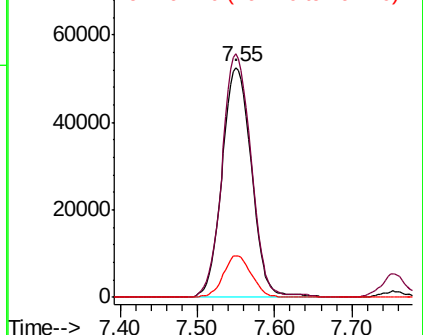
192 17.2 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.219 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

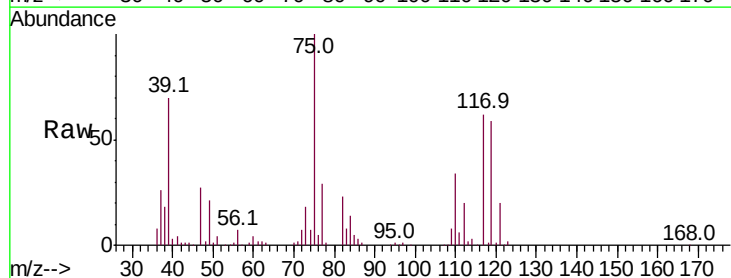
Tgt Ion: 75 Resp: 212098

Ion Ratio Lower Upper

75 100

110 33.4 16.5 49.5

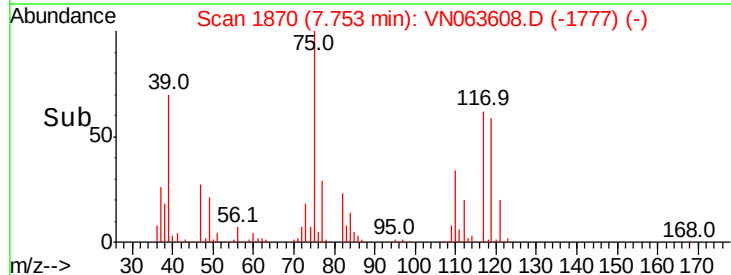
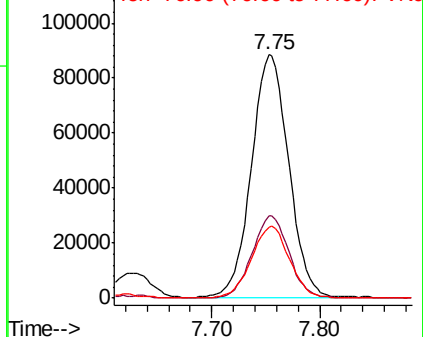
77 30.4 24.6 36.8

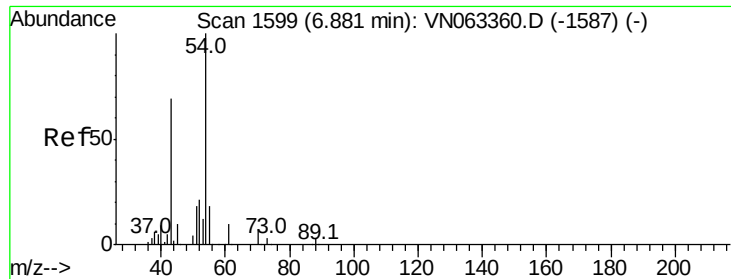


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

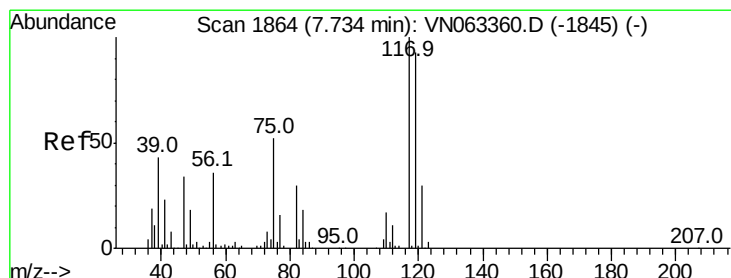
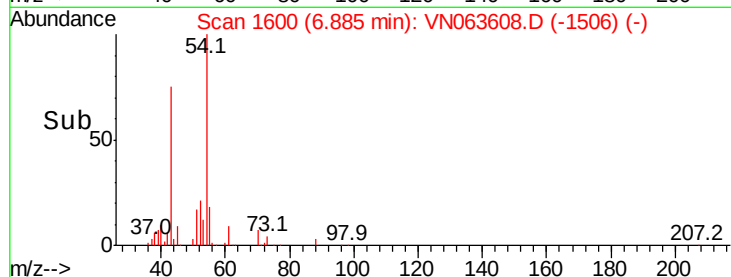
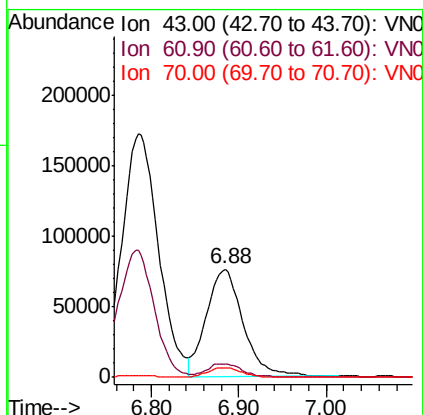
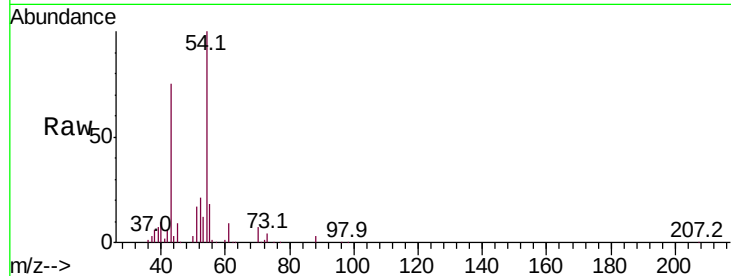




#37
Ethyl Acetate
Concen: 52.771 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

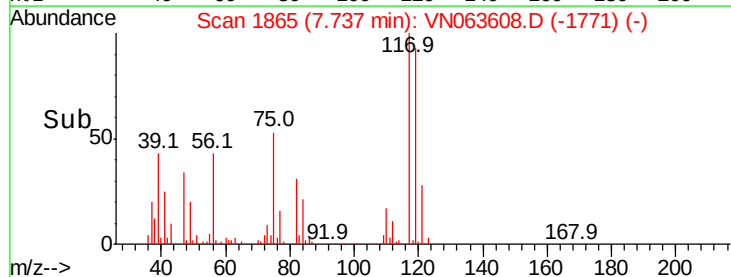
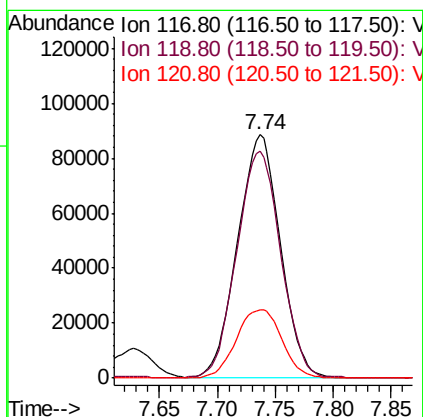
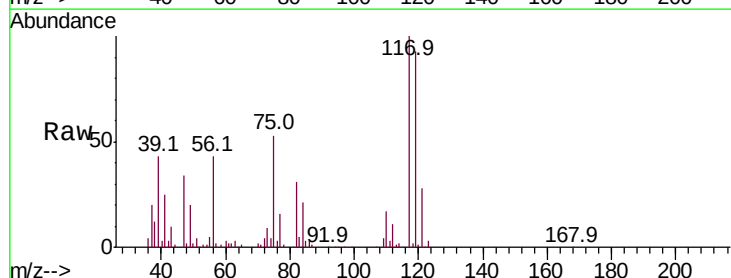
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

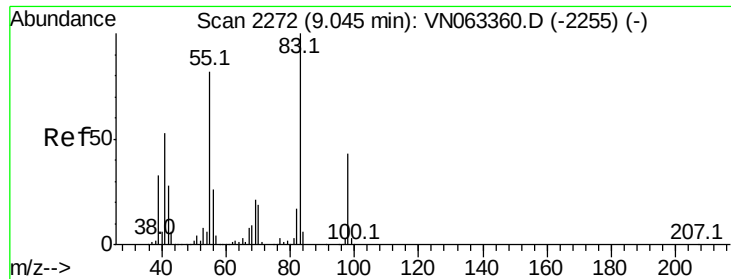
Tot Ion: 43 Resp: 223187
Ion Ratio Lower Upper
43 100
61 11.8 10.6 15.8
70 8.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.414 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 117 Resp: 226163
Ion Ratio Lower Upper
117 100
119 92.9 74.5 111.7
121 28.1 24.1 36.1

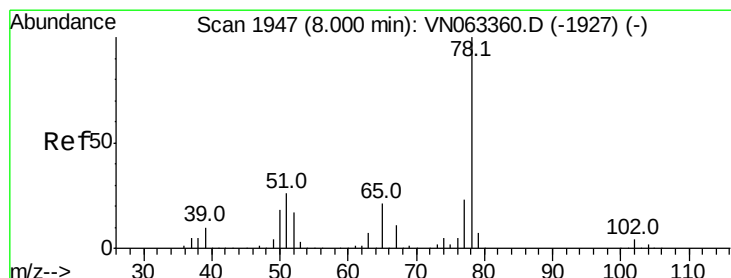
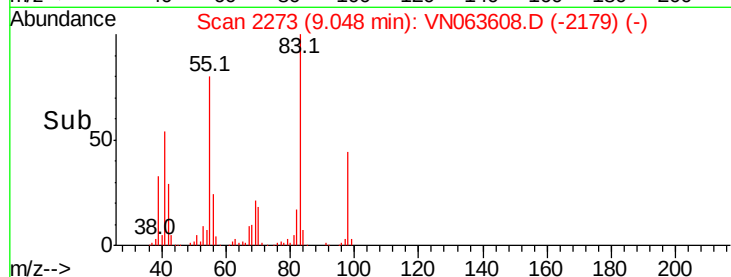
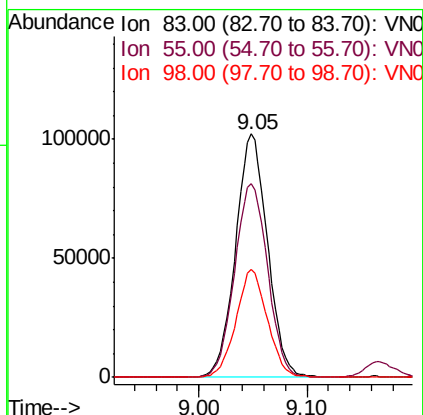
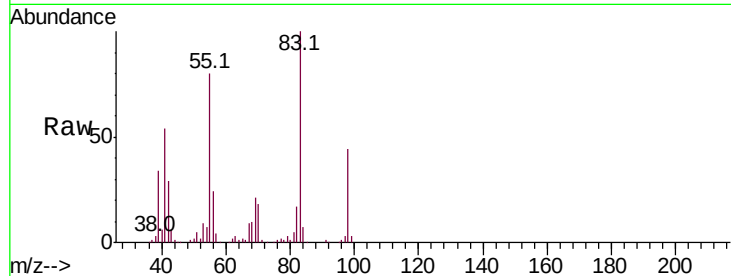




#39
Methylvlcyclohexane
Concen: 45.186 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

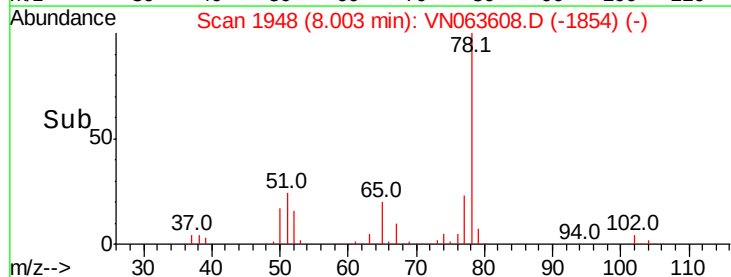
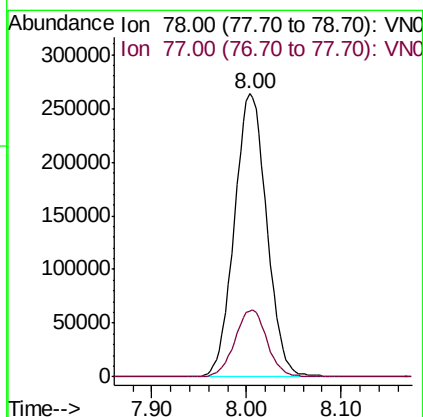
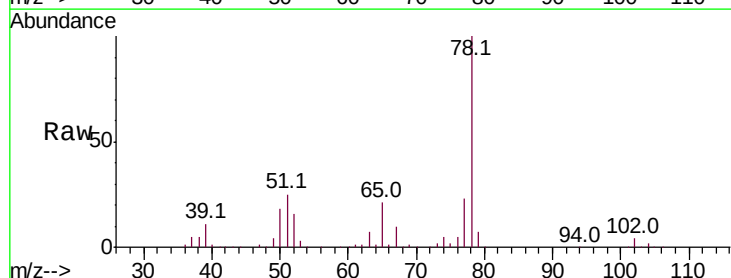
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

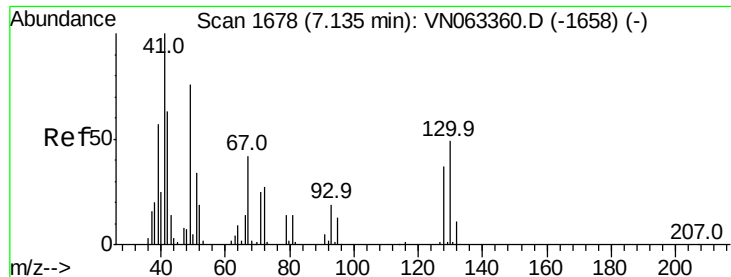
Tot Ion	83	Resp	211331
Ion Ratio	100		
Lower	65.5		
Upper	98.3		
83	79.6		
55	44.3		
98	34.2		



#40
Benzene
Concen: 50.899 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion	78	Resp	626126
Ion Ratio	100		
Lower	18.3		
Upper	27.5		
78	23.4		
77			

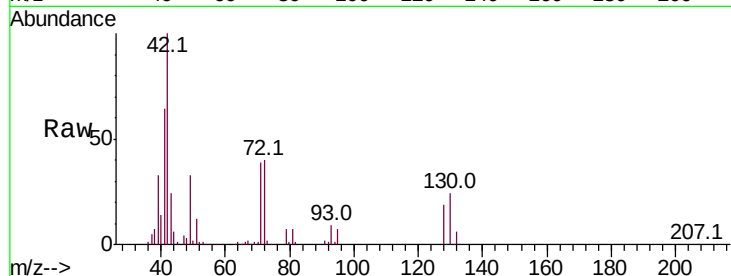




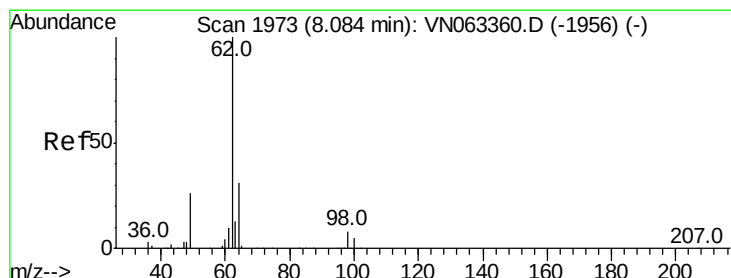
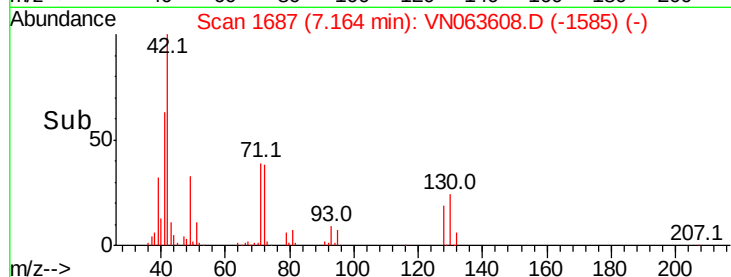
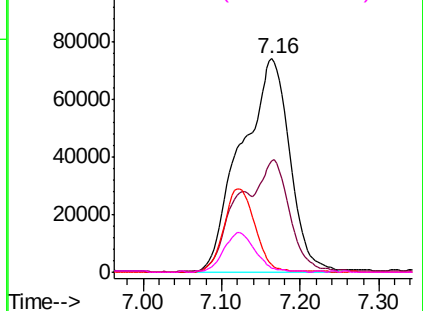
#41
Methacrylonitrile
Concen: 167.162 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	317974
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

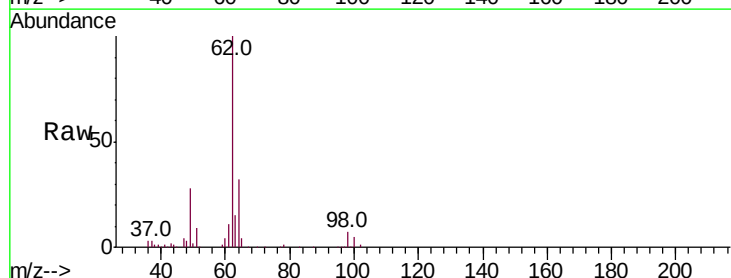


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

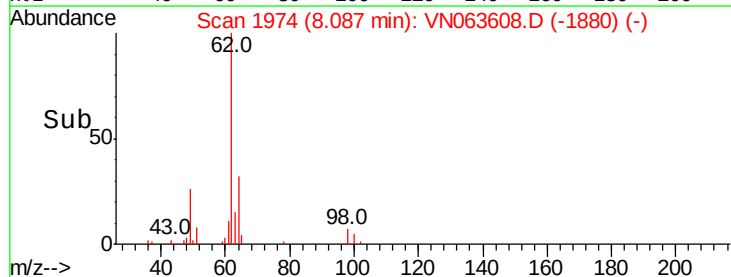
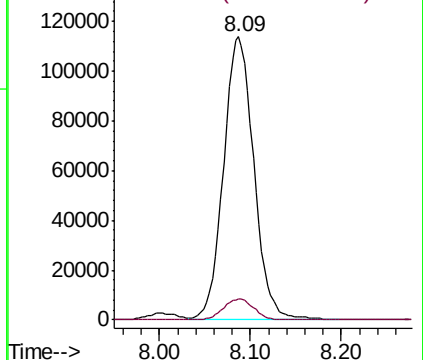


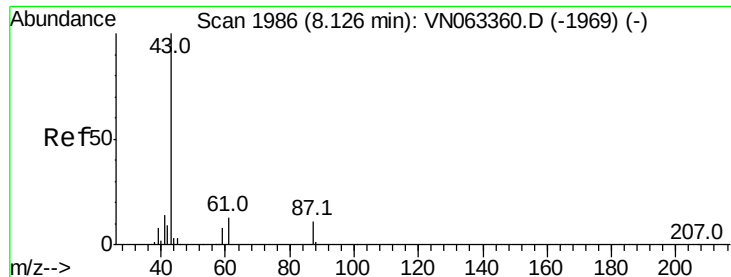
#42
1,2-Dichloroethane
Concen: 53.088 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion:	62	Resp:	262626
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 49.287 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

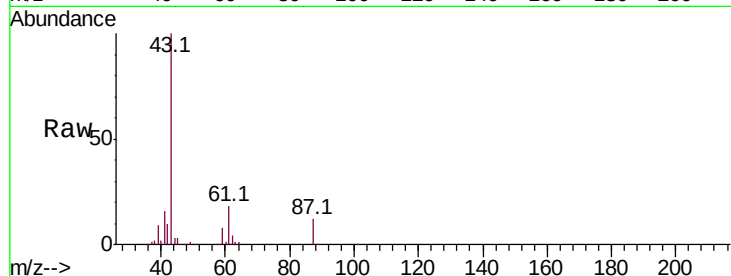
Tot Ion: 43 Resp: 372735

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.2

87 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)

8.13

200000

150000

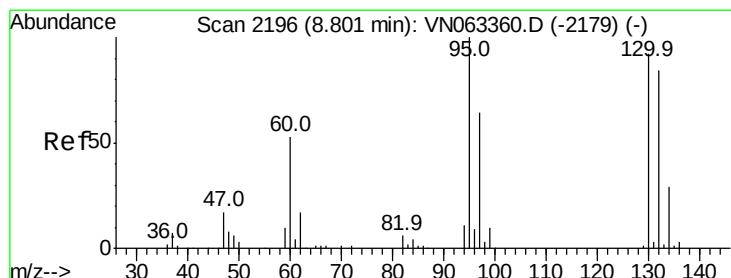
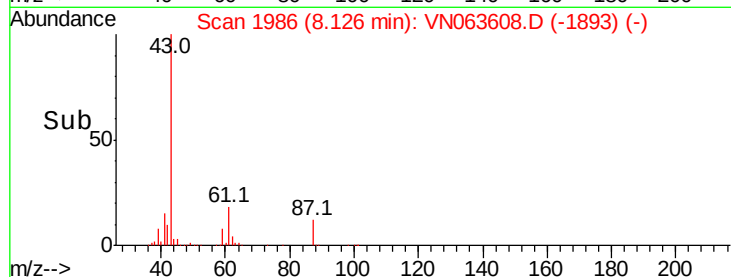
100000

50000

0

8.00 8.10 8.20

Time-->



#44

Trichloroethene

Concen: 51.504 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063608.D

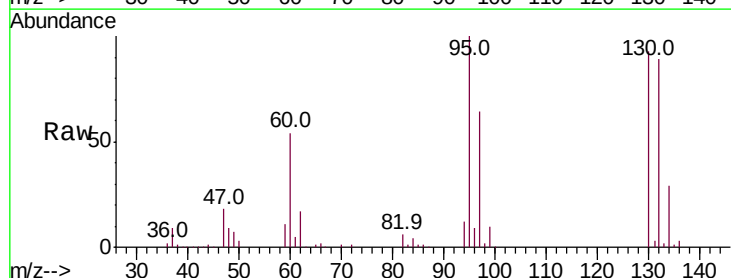
Acq: 23 Sep 2020 23:17

Tgt Ion:130 Resp: 153670

Ion Ratio Lower Upper

130 100

95 107.3 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

80000

60000

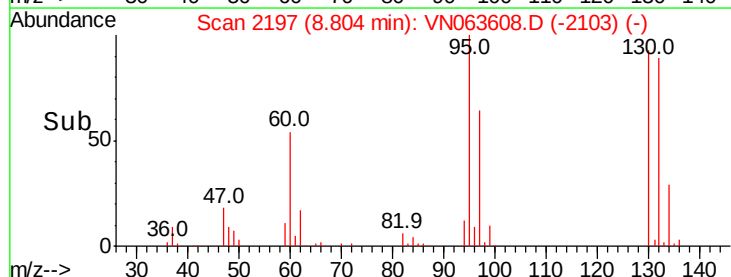
40000

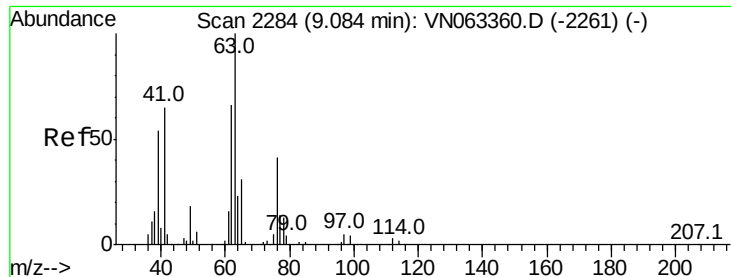
20000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 51.585 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

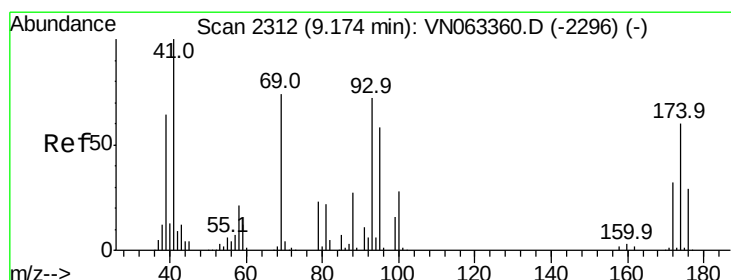
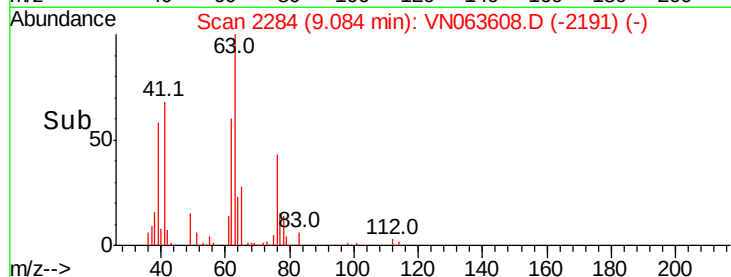
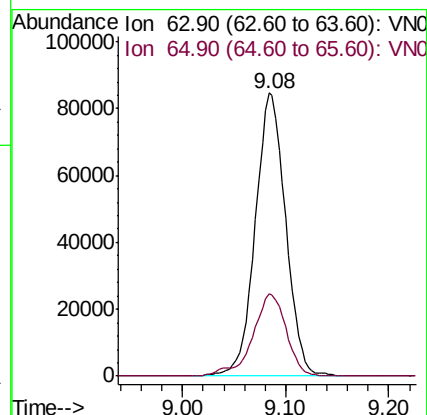
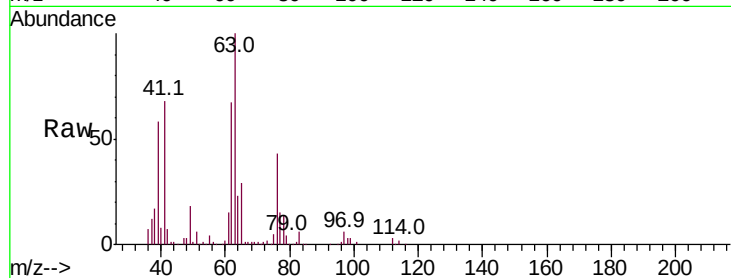
VSTDCCC050

Tot Ion: 63 Resp: 172828

Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.6



#46

Dibromomethane

Concen: 53.031 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

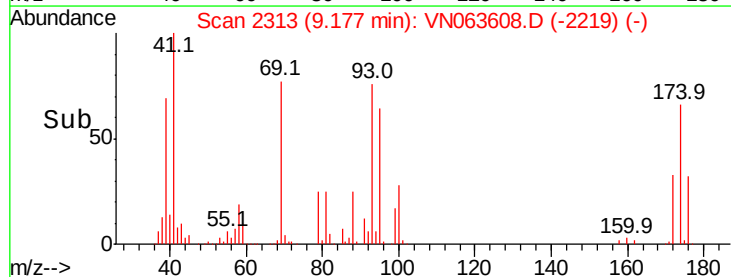
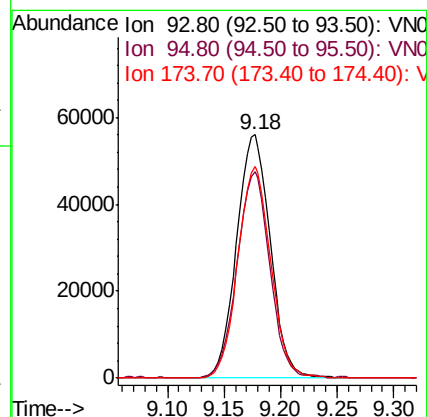
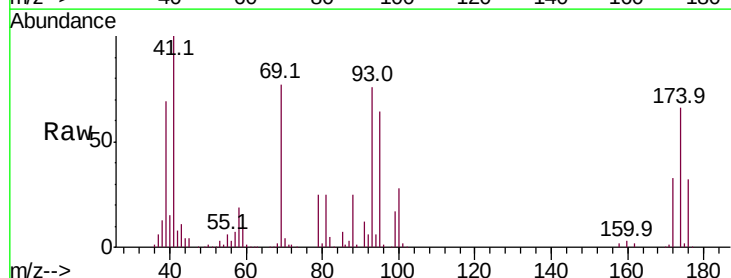
Tgt Ion: 93 Resp: 116777

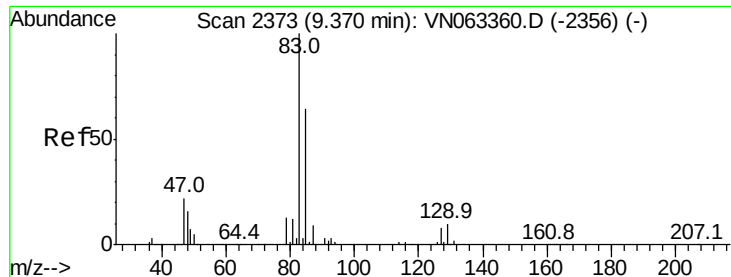
Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

174 84.7 68.1 102.1





#47

Bromodichloromethane

Concen: 54.110 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

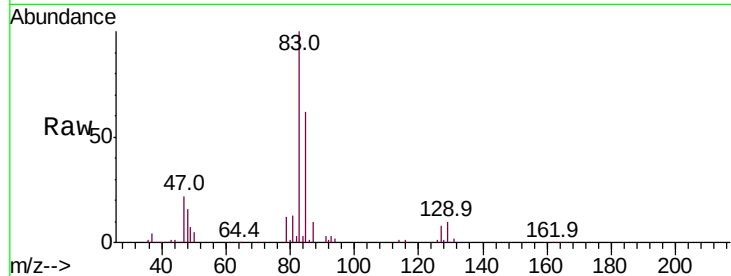
Tot Ion: 83 Resp: 247535

Ion Ratio Lower Upper

83 100

85 62.4 51.0 76.6

127 7.7 6.3 9.5

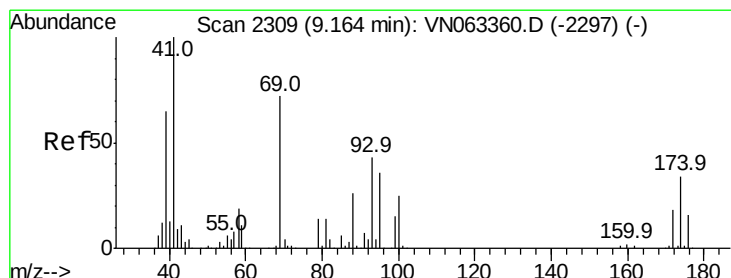
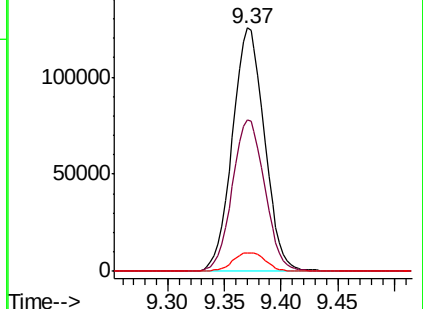
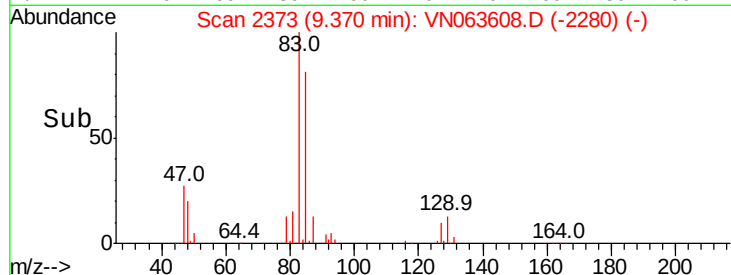


Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 51.172 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

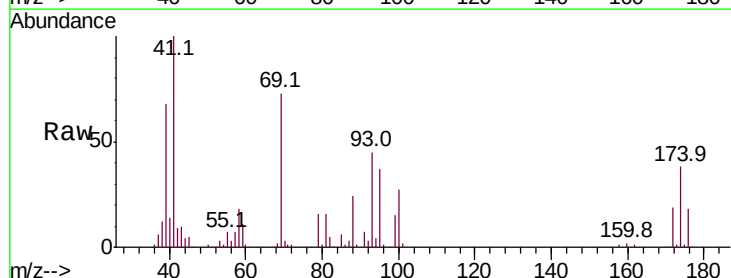
Tgt Ion: 41 Resp: 190128

Ion Ratio Lower Upper

41 100

69 73.8 59.3 88.9

39 67.8 52.9 79.3

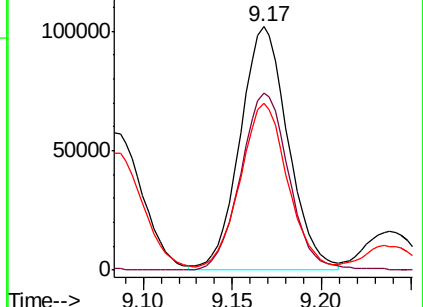
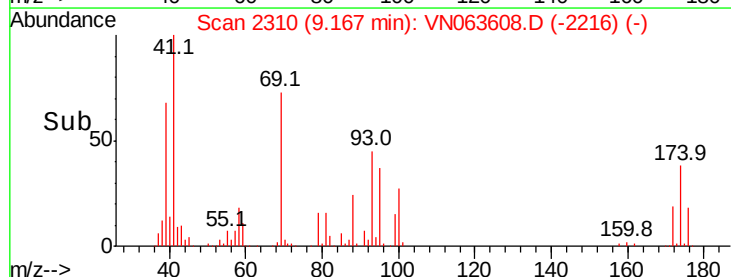


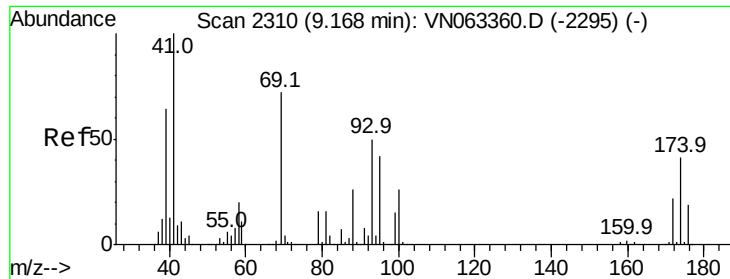
Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)

Time-->

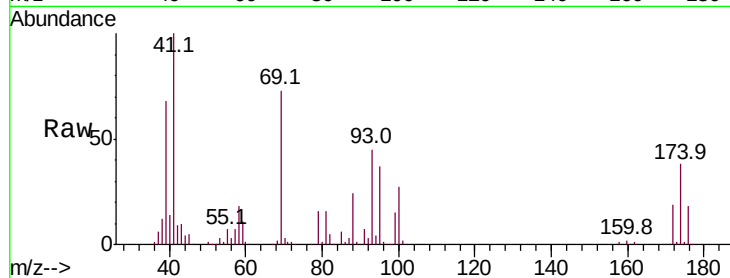




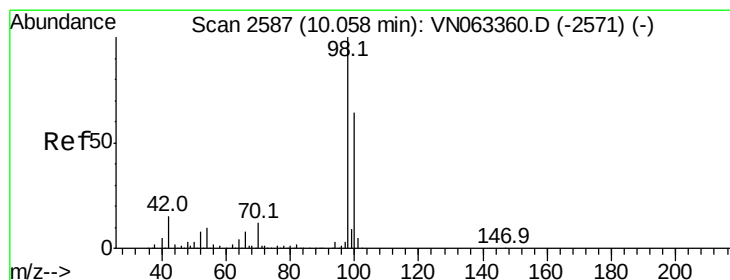
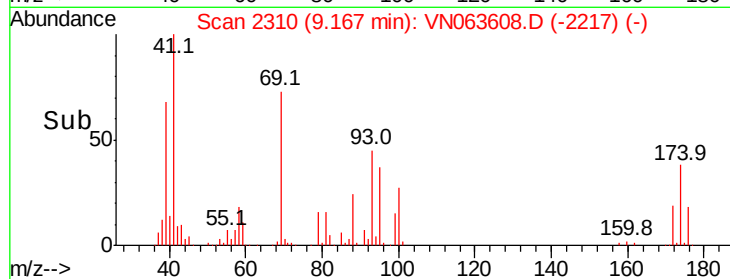
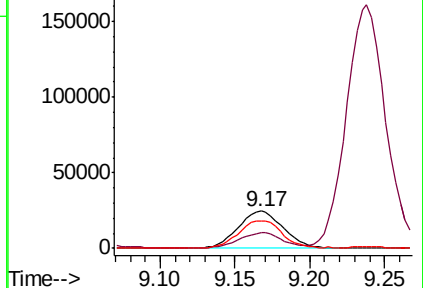
#49
1,4-Dioxane
Concen: 970.187 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 51730
Ion Ratio Lower Upper
88 100
43 38.4 32.6 49.0
58 72.9 60.0 90.0

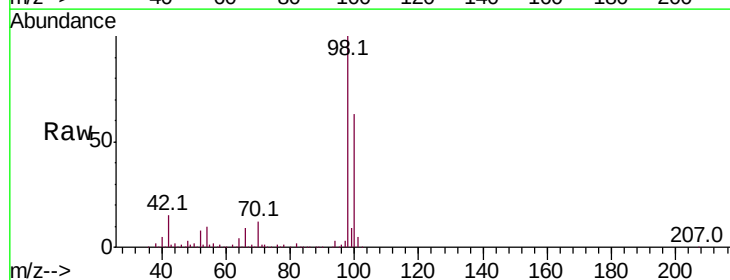


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

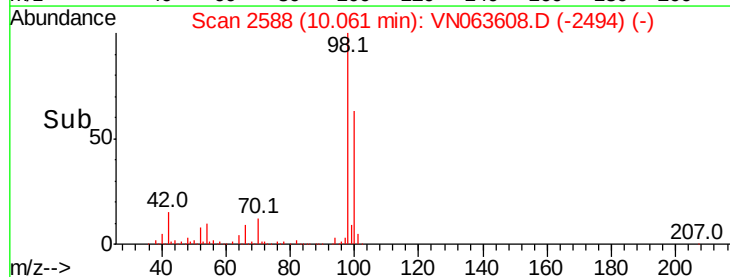
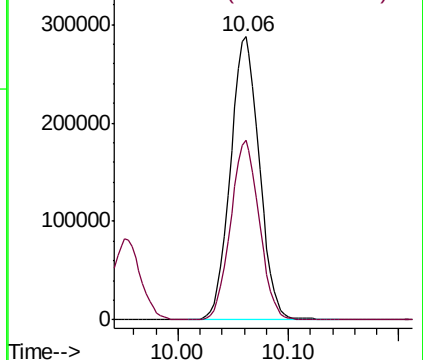


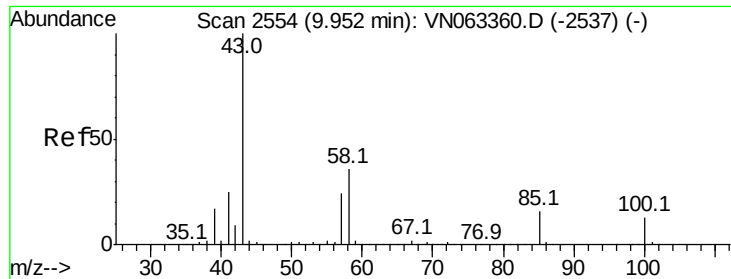
#50
Toluene-d8
Concen: 49.598 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 98 Resp: 522226
Ion Ratio Lower Upper
98 100
100 62.6 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 266.936 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

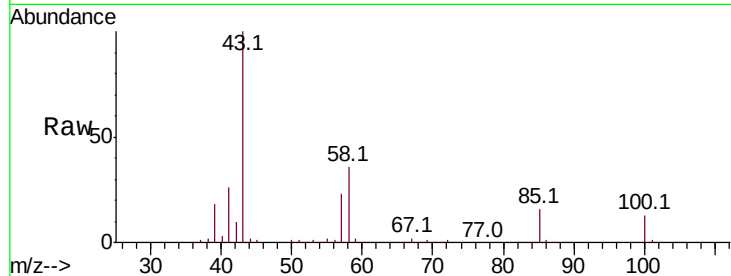
VSTDCCC050

Tot Ion: 43 Resp: 1130136

Ion Ratio Lower Upper

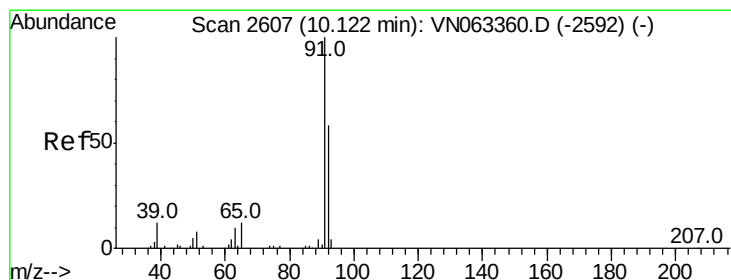
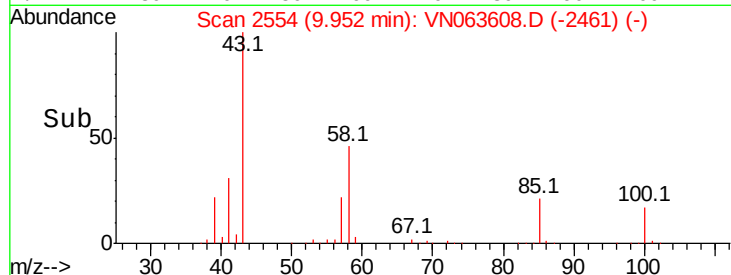
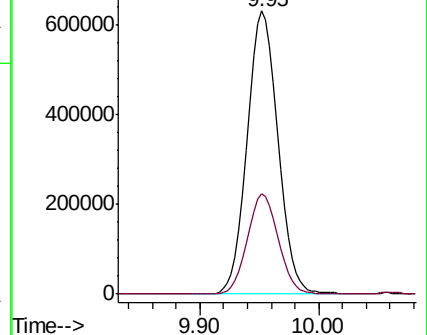
43 100

58 35.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.656 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063608.D

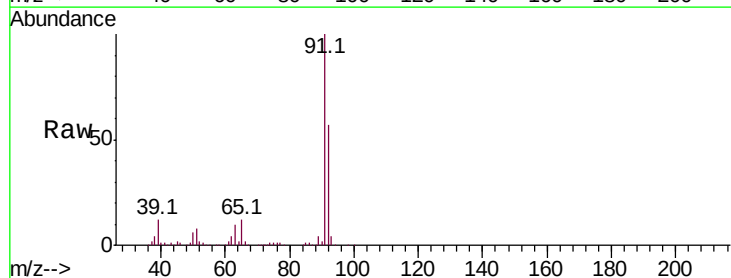
Acq: 23 Sep 2020 23:17

Tgt Ion: 92 Resp: 389438

Ion Ratio Lower Upper

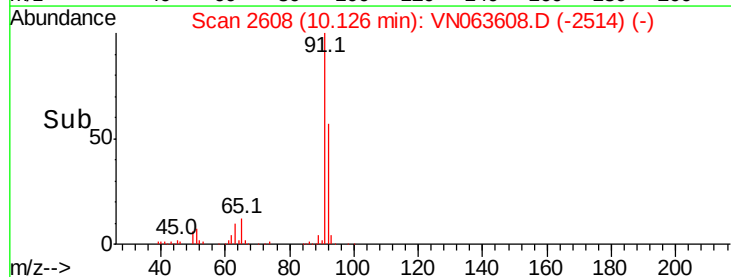
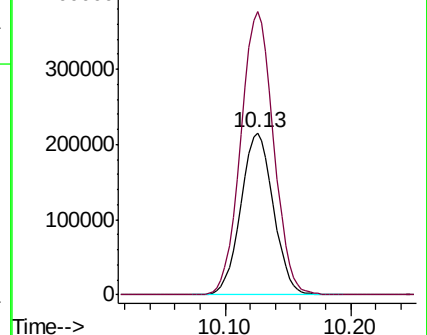
92 100

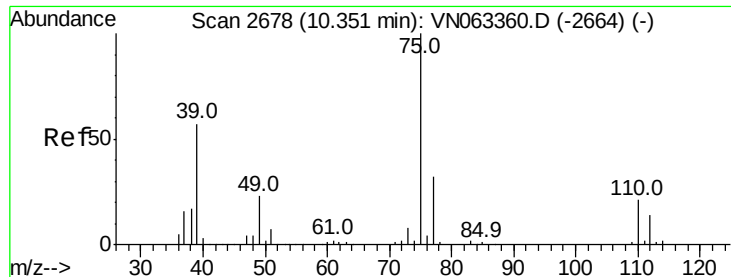
91 176.2 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 50.160 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

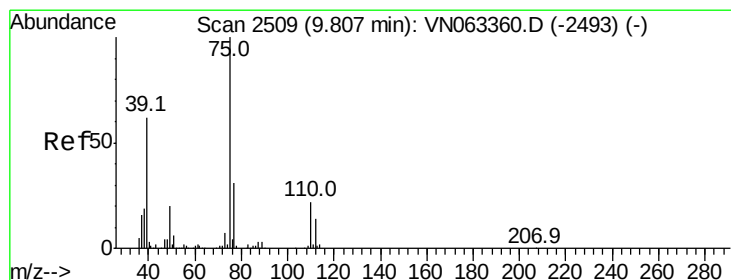
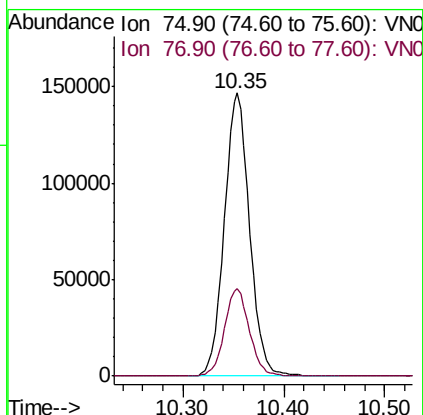
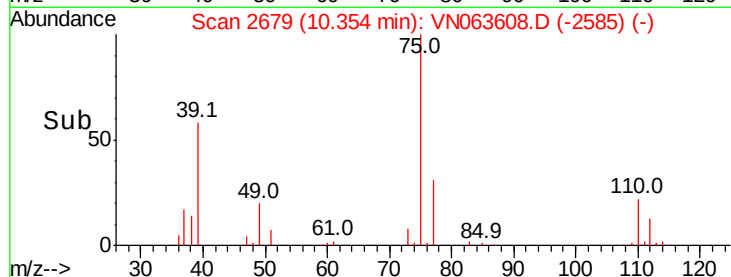
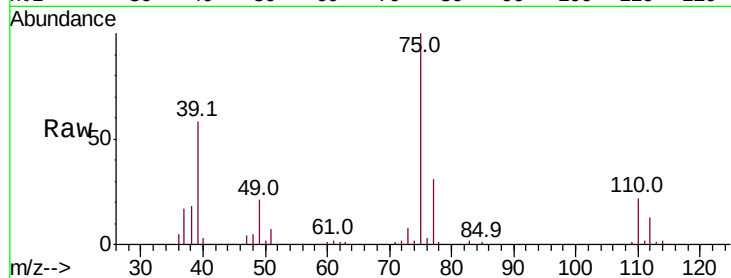
VSTDCCC050

Tot Ion: 75 Resp: 256171

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.202 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

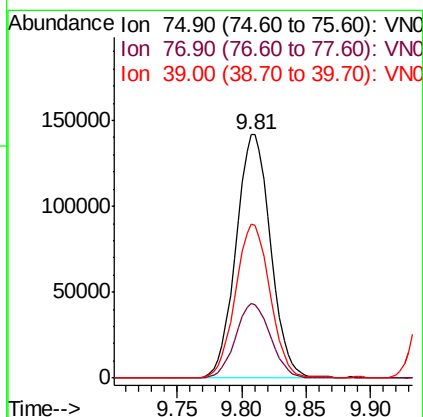
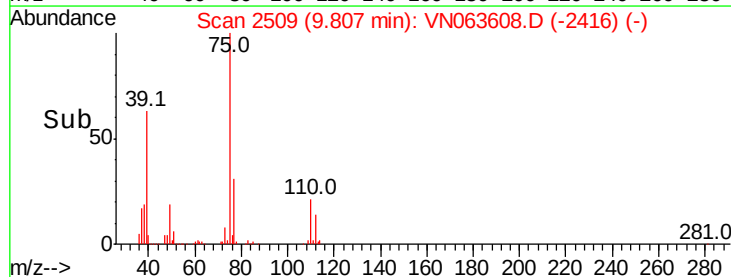
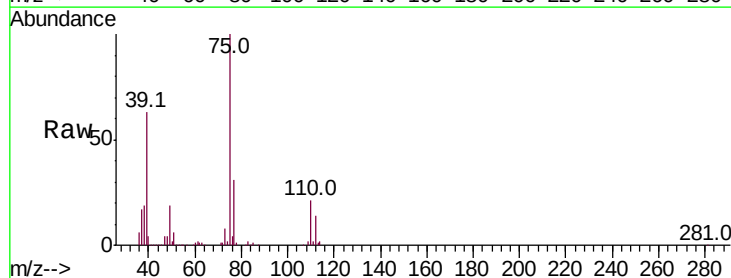
Tgt Ion: 75 Resp: 265051

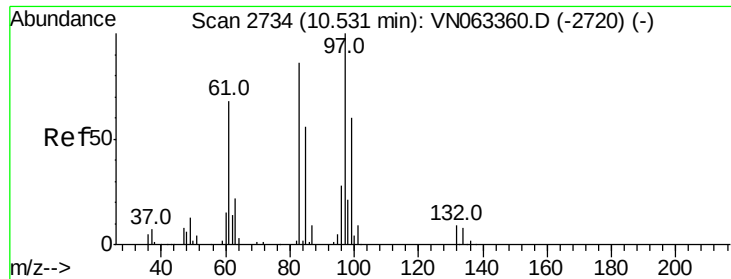
Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0

39 63.1 49.8 74.8

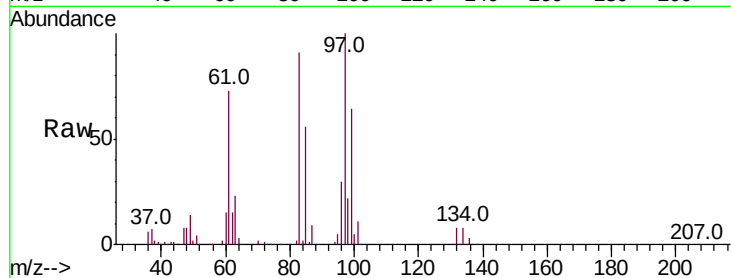




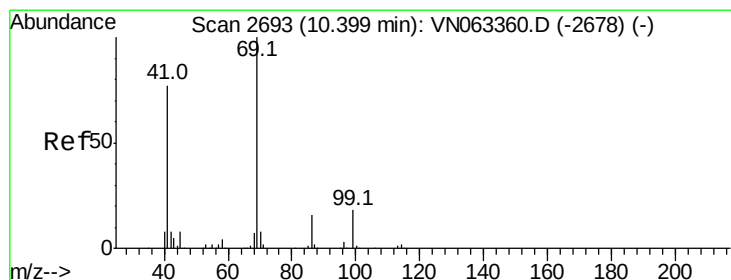
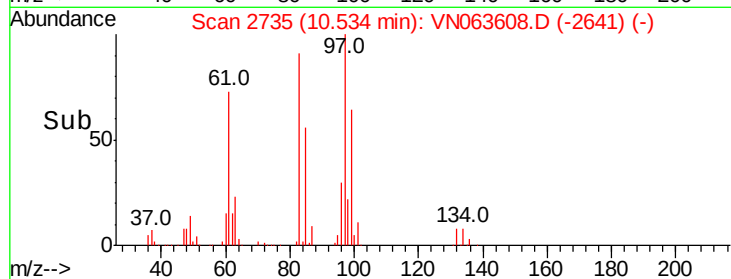
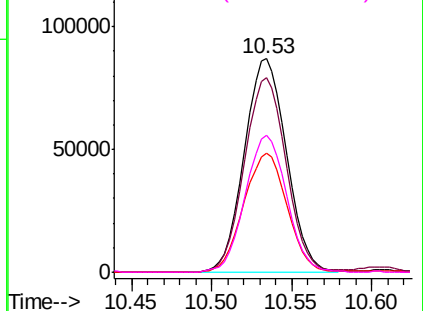
#55
 1,1,2-Trichloroethane
 Concen: 53.333 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	156677
Ion	Ratio	Lower	Upper
97	100		
83	91.2	68.9	103.3
85	55.8	44.8	67.2
99	63.9	47.8	71.8

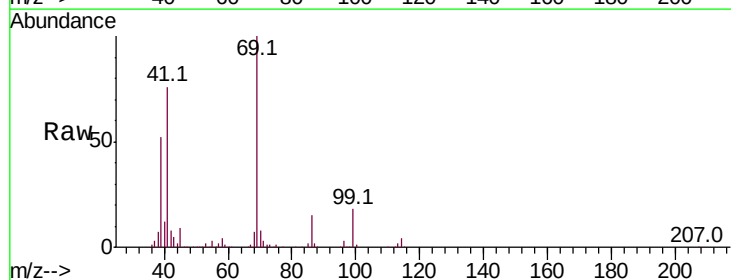


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

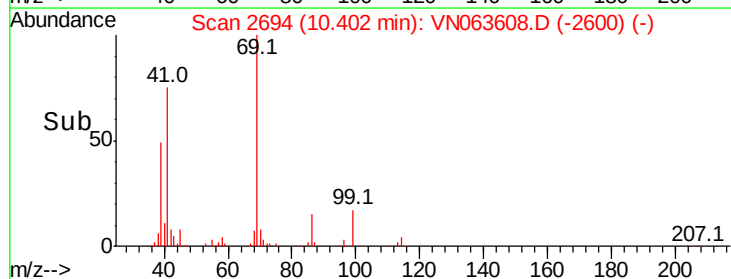
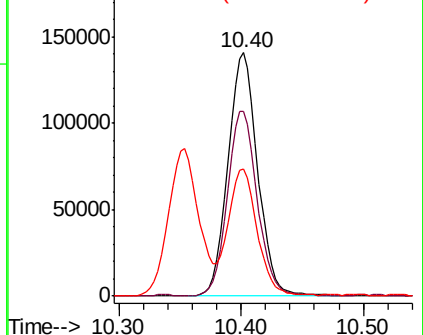


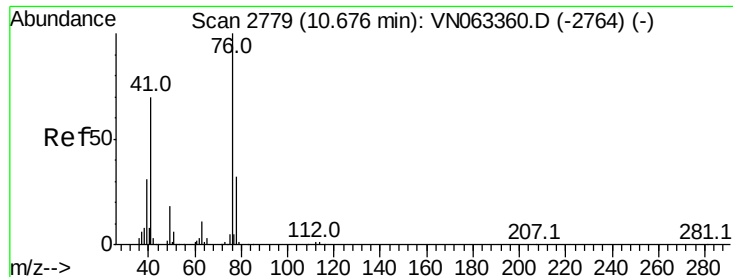
#56
 Ethyl methacrylate
 Concen: 52.164 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Tgt Ion:	69	Resp:	239231
Ion	Ratio	Lower	Upper
69	100		
41	75.7	61.0	91.6
39	50.2	39.2	58.8



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





#57

1,3-Dichloropropane

Concen: 51.734 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

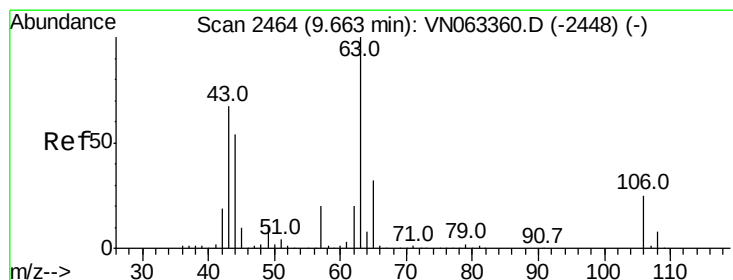
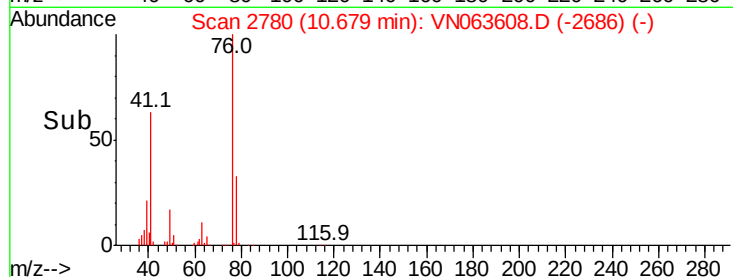
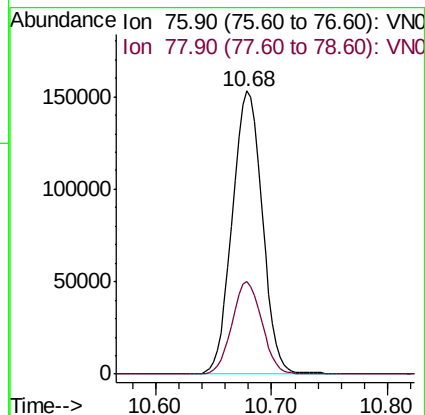
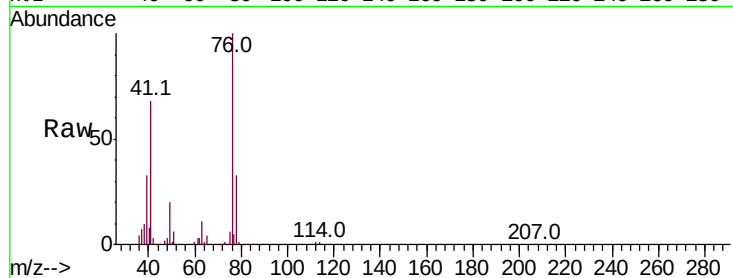
VSTDCCC050

Tot Ion: 76 Resp: 274069

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 243.933 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063608.D

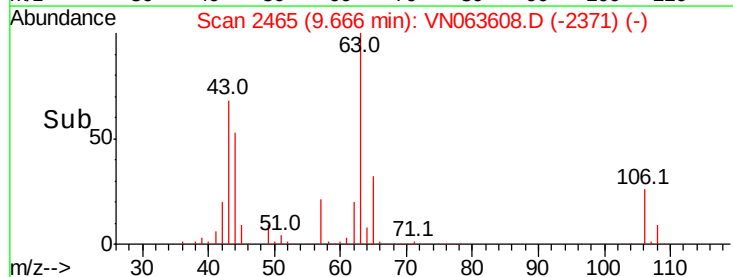
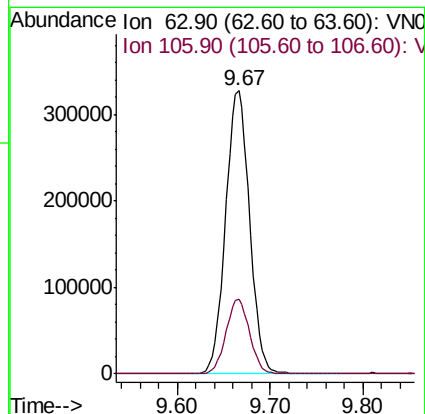
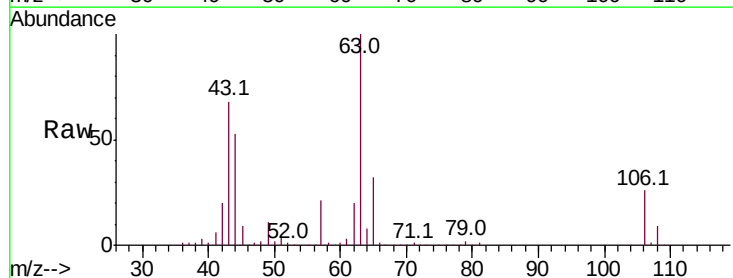
Acq: 23 Sep 2020 23:17

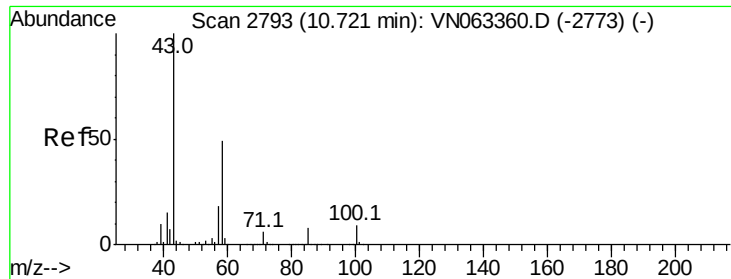
Tgt Ion: 63 Resp: 586850

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3





#59

2-Hexanone

Concen: 268.299 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampled :

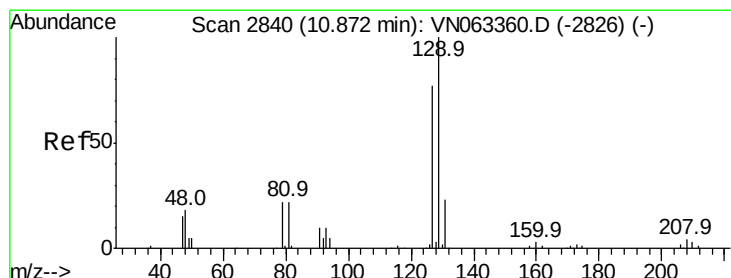
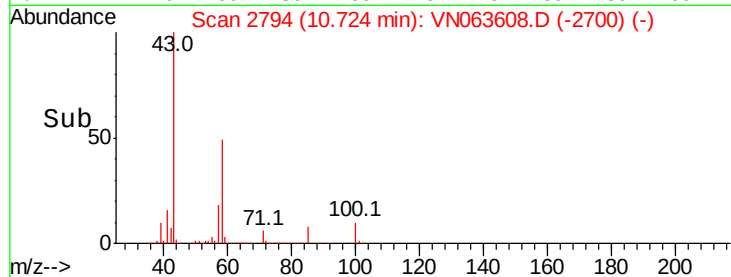
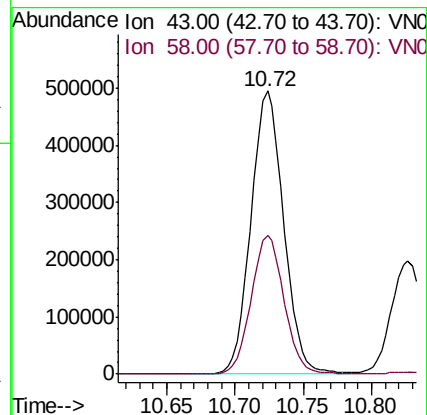
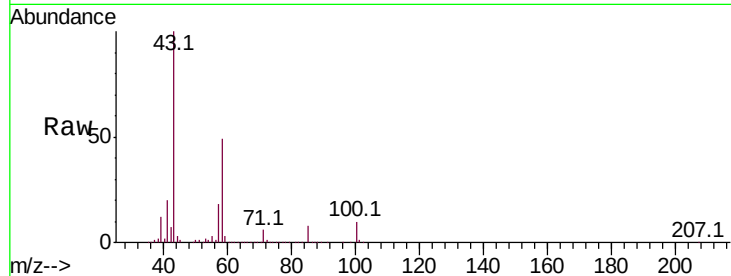
VSTDCCC050

Tot Ion: 43 Resp: 822933

Ion Ratio Lower Upper

43 100

58 49.4 24.7 74.1



#60

Dibromochloromethane

Concen: 53.806 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063608.D

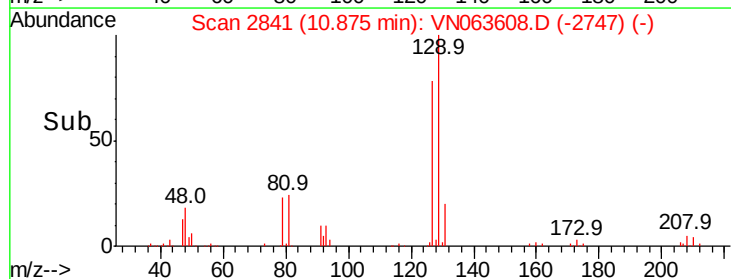
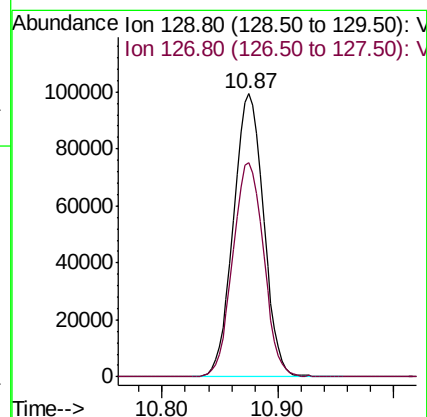
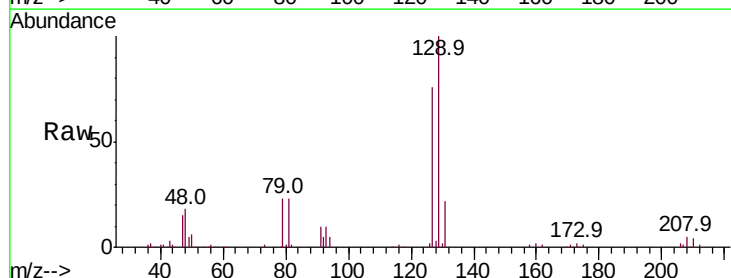
Acq: 23 Sep 2020 23:17

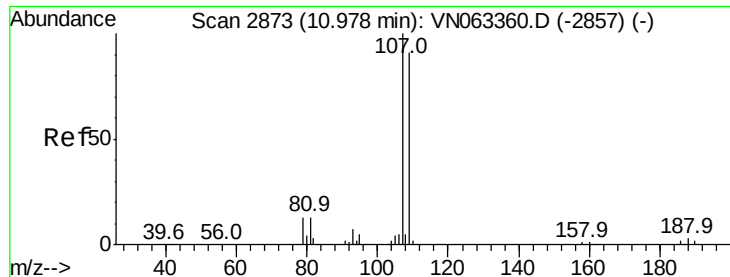
Tgt Ion: 129 Resp: 178574

Ion Ratio Lower Upper

129 100

127 77.4 39.1 117.3





#61

1,2-Dibromoethane

Concen: 54.036 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

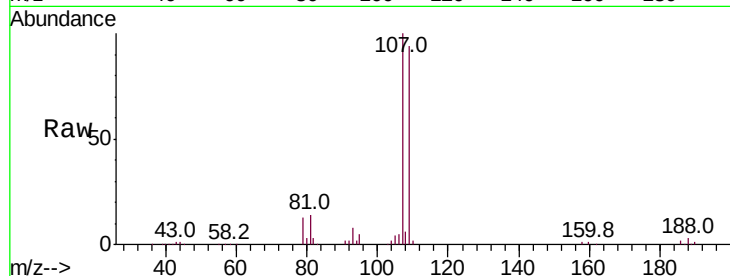
VSTDCCC050

Tot Ion:107 Resp: 164922

Ion Ratio Lower Upper

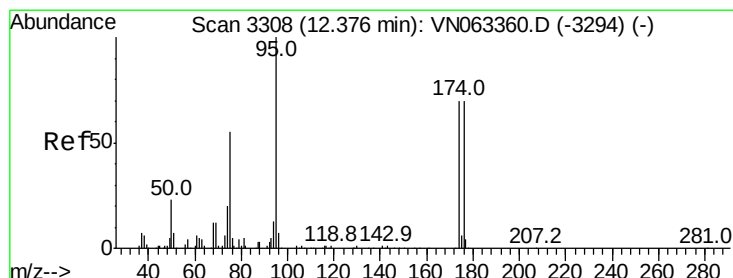
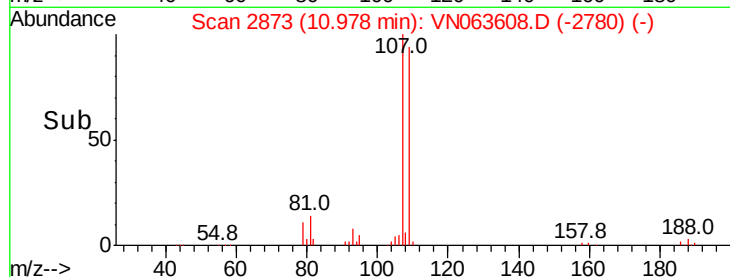
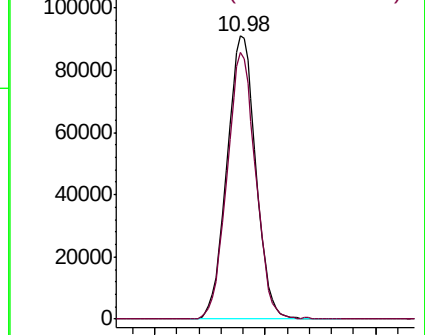
107 100

109 93.0 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.969 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

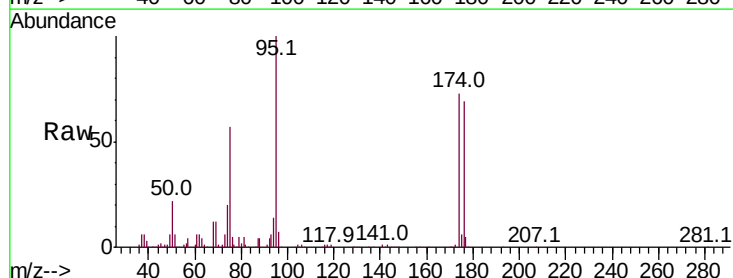
Tgt Ion: 95 Resp: 196731

Ion Ratio Lower Upper

95 100

174 73.1 0.0 140.8

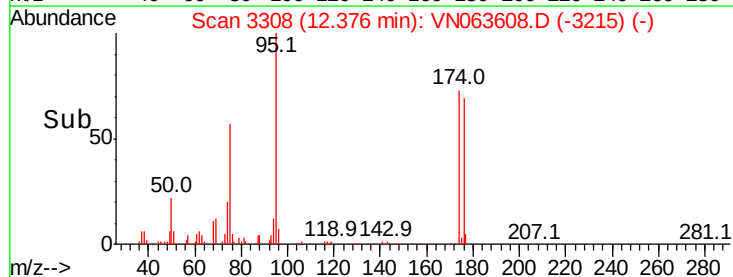
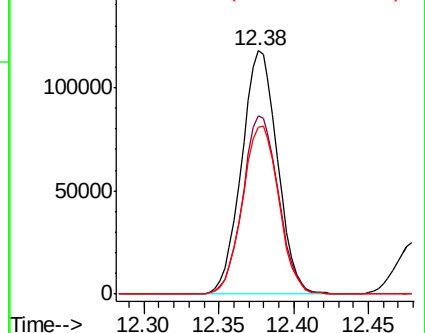
176 70.1 0.0 137.6

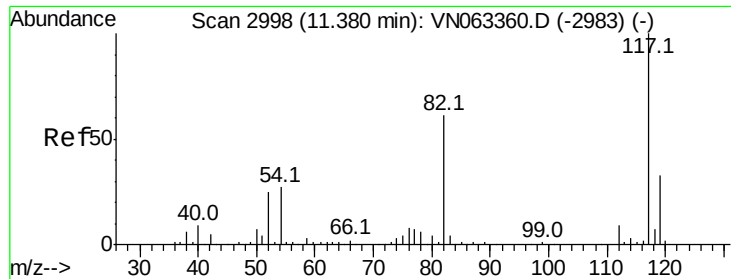


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

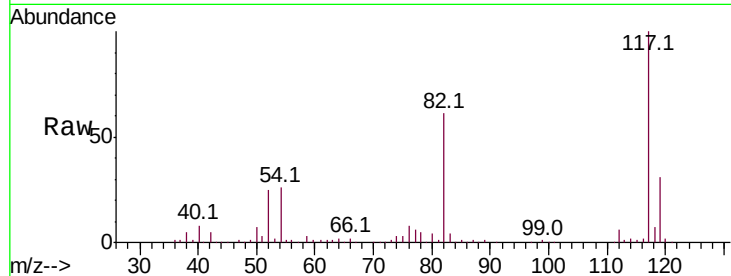




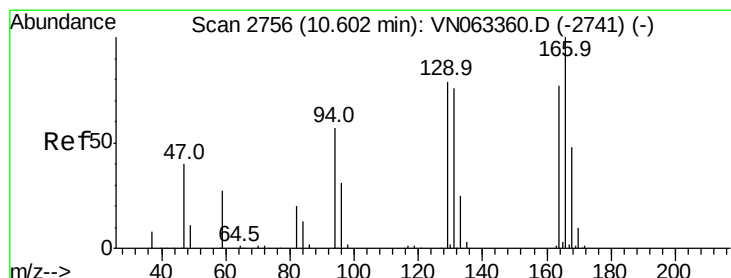
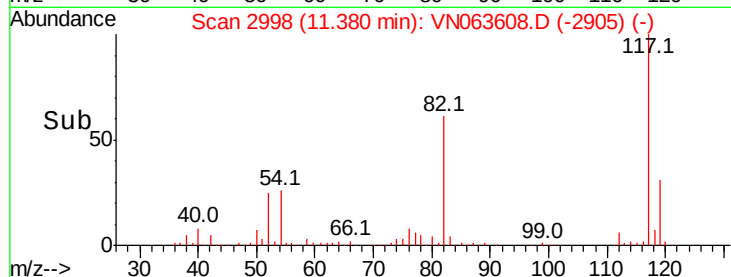
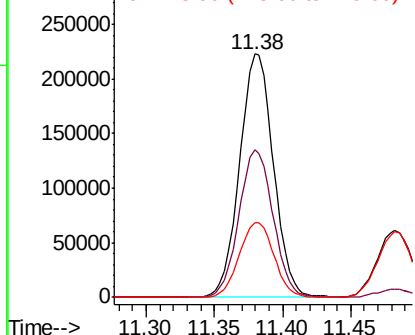
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 383867
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 30.8 26.2 39.4

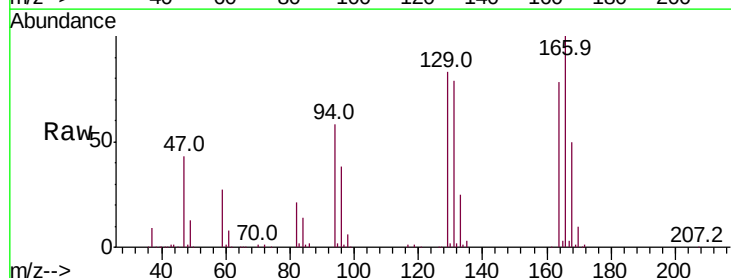


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

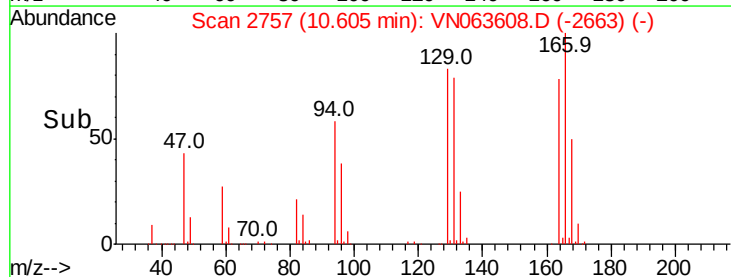
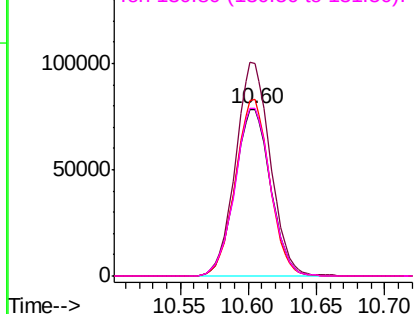


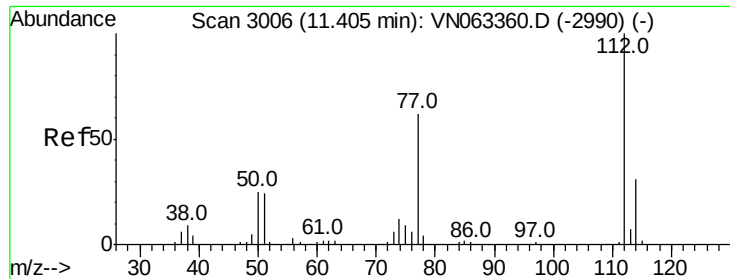
#64
Tetrachloroethene
Concen: 54.589 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion:164 Resp: 142687
Ion Ratio Lower Upper
164 100
166 127.5 103.4 155.0
129 105.7 81.8 122.6
131 100.5 78.2 117.4



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

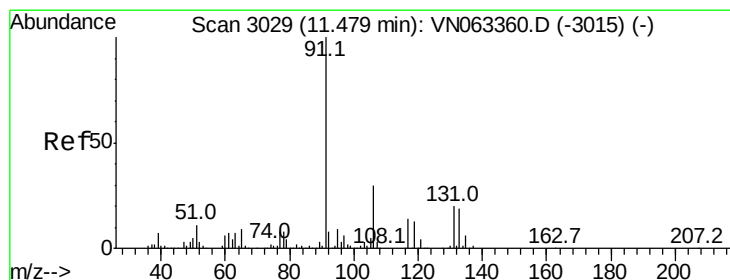
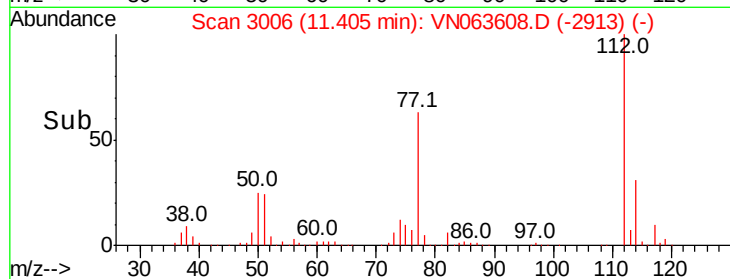
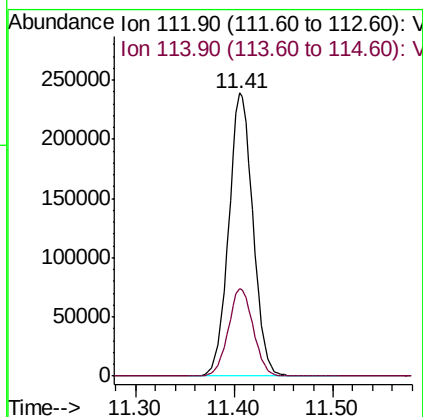
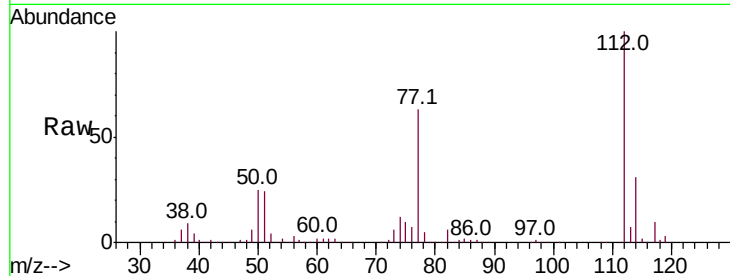




#65
Chlorobenzene
Concen: 50.324 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

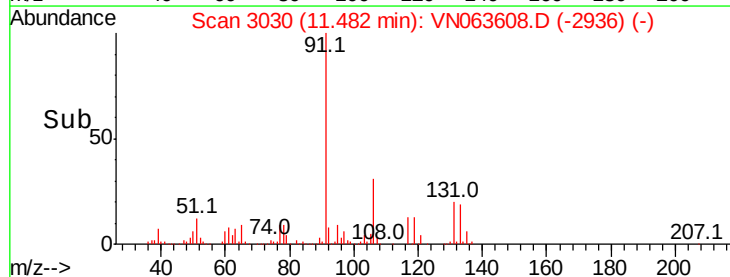
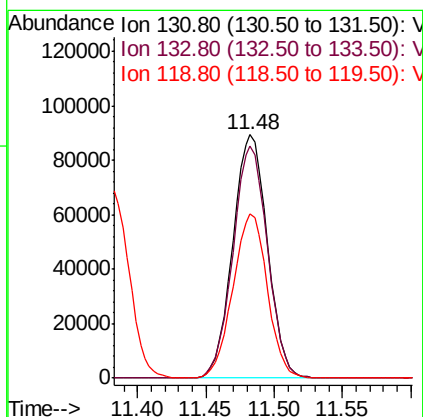
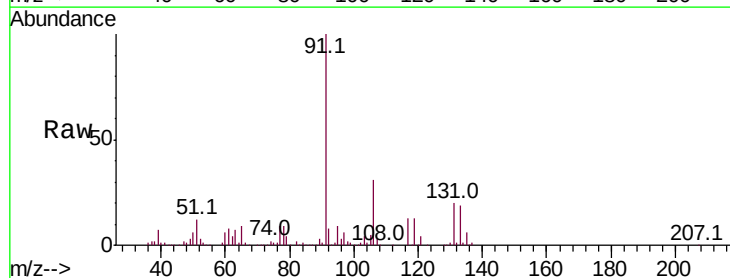
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

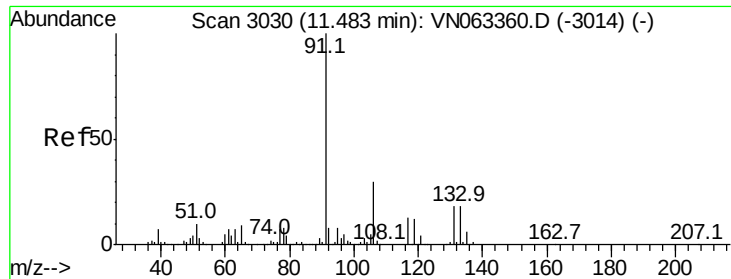
Tot Ion:112 Resp: 410060
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.721 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion:131 Resp: 157472
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 66.8 33.6 100.8

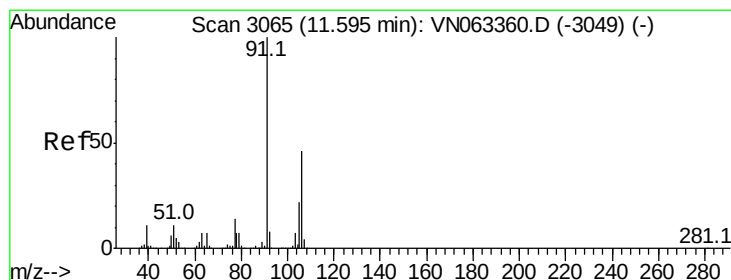
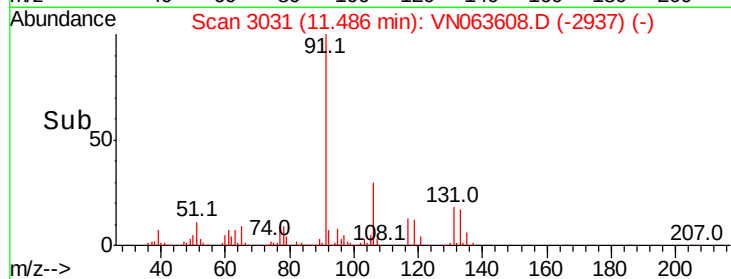
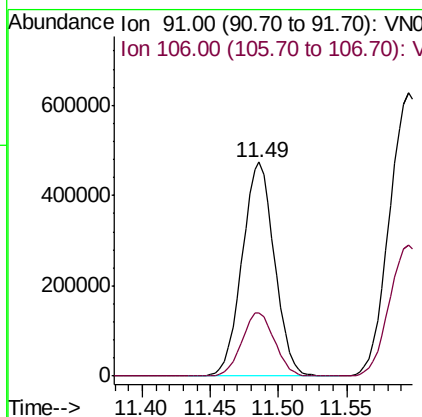
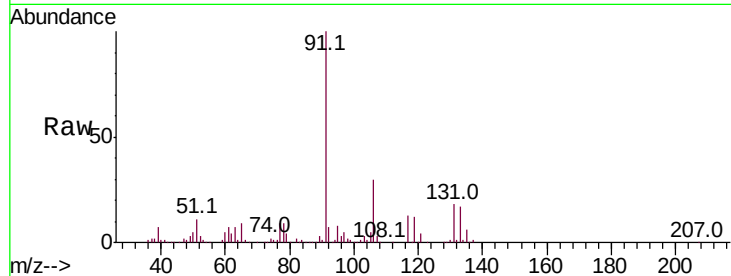




#67
Ethyl Benzene
Concen: 50.738 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

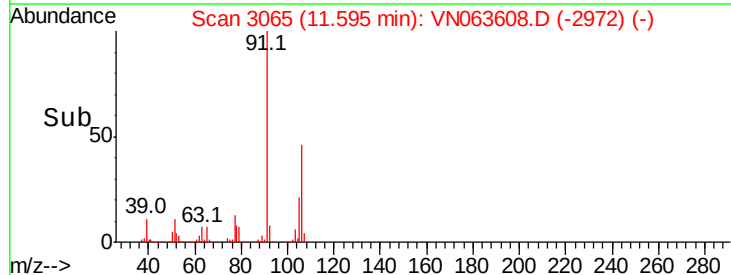
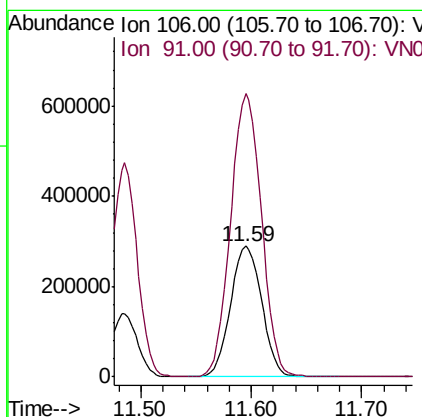
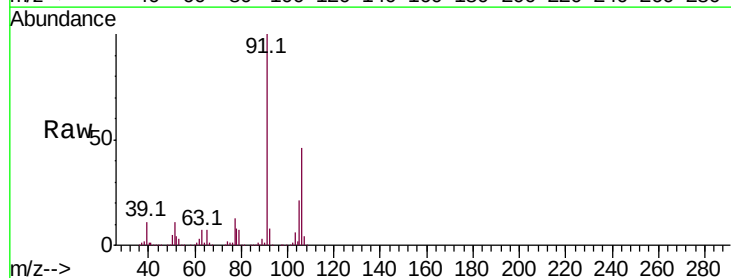
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

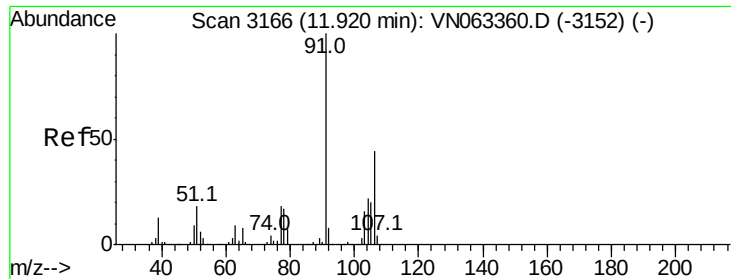
Tot Ion: 91 Resp: 778582
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 102.595 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion: 106 Resp: 567625
Ion Ratio Lower Upper
106 100
91 214.1 171.2 256.8

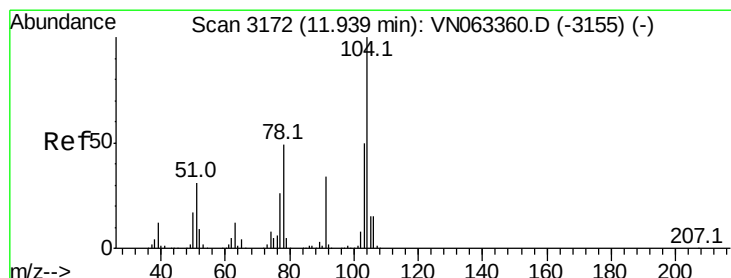
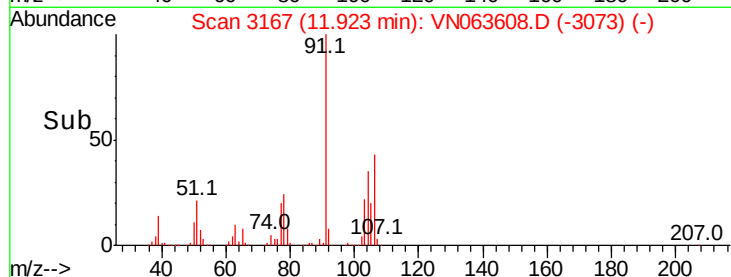
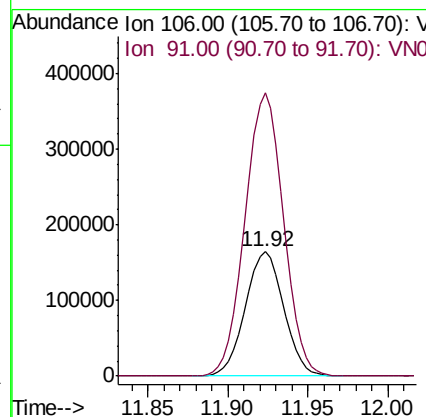
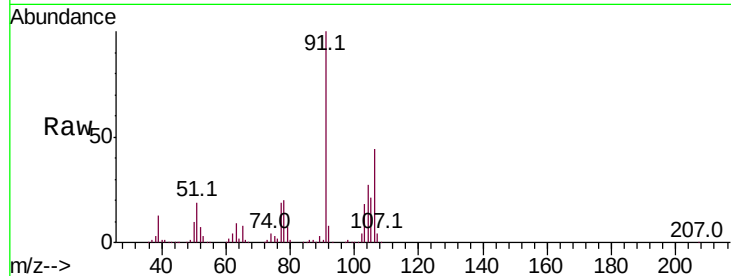




#69
o-Xylene
Concen: 51.120 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

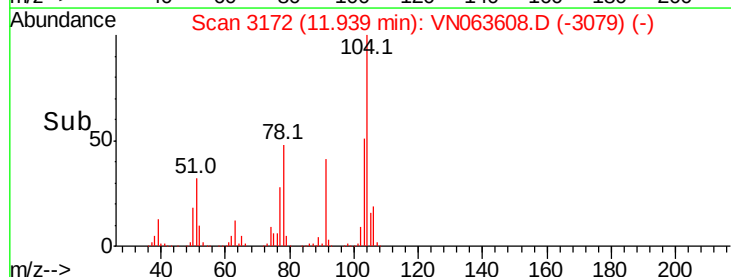
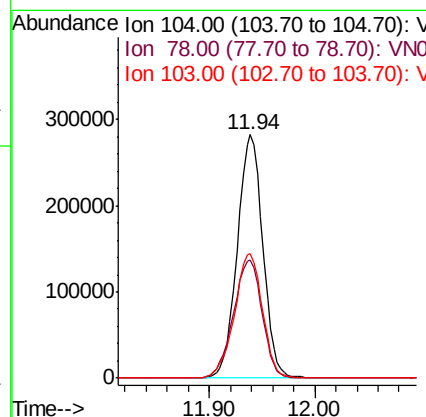
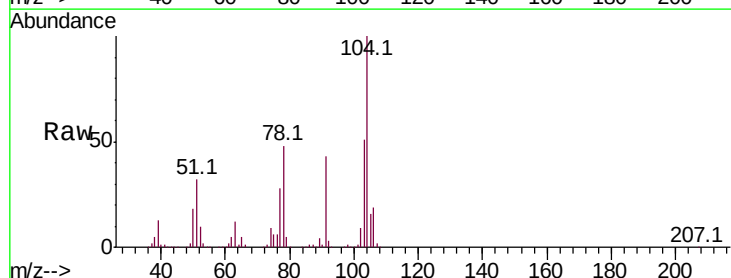
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

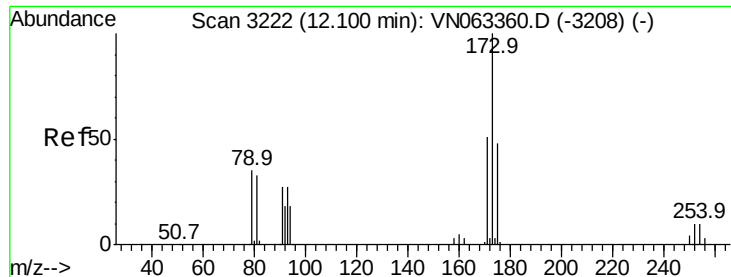
Tot Ion:106 Resp: 269426
Ion Ratio Lower Upper
106 100
91 228.7 113.6 340.8



#70
Styrene
Concen: 53.533 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063608.D
Acq: 23 Sep 2020 23:17

Tgt Ion:104 Resp: 473144
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 56.0 43.7 65.5





#71

Bromoform

Concen: 53.663 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

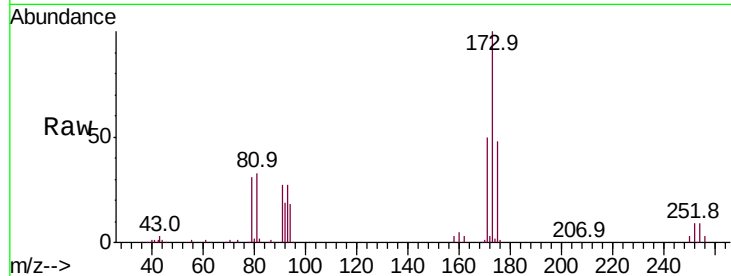
Tot Ion:173 Resp: 119410

Ion Ratio Lower Upper

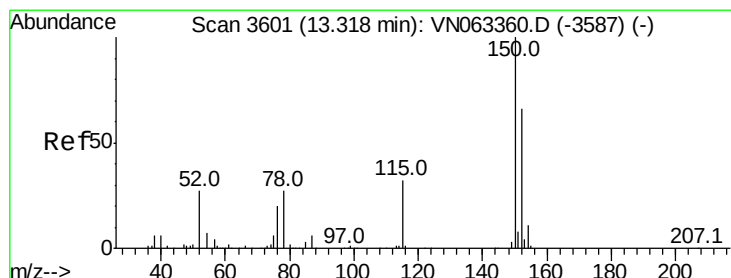
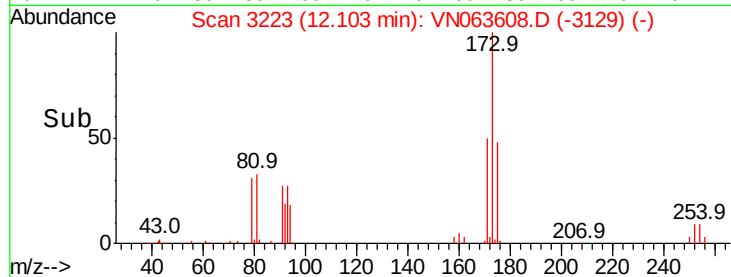
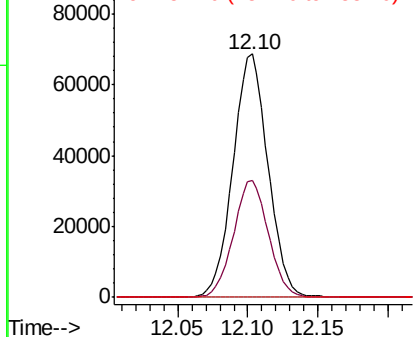
173 100

175 47.9 24.0 72.0

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# 3601

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

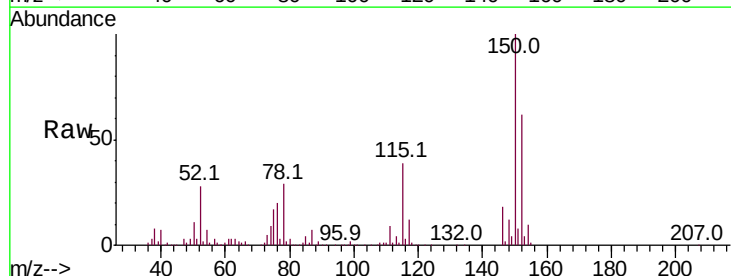
Tgt Ion:152 Resp: 184316

Ion Ratio Lower Upper

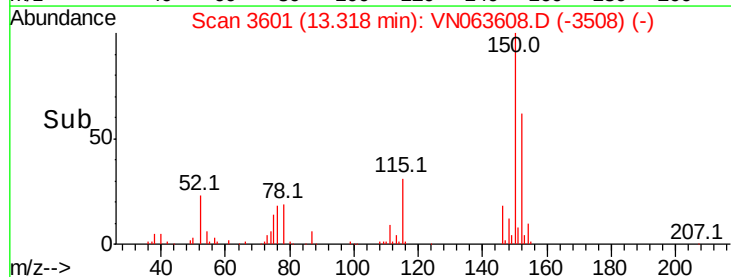
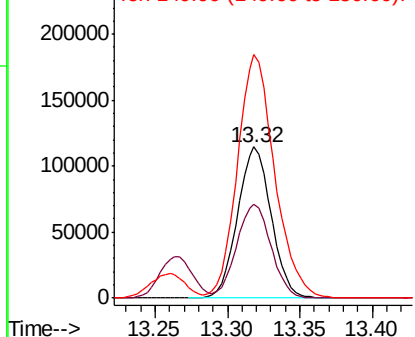
152 100

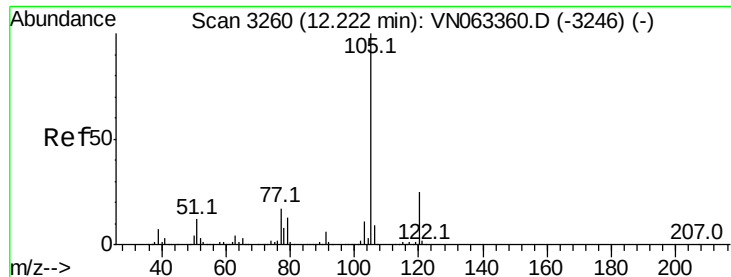
115 63.1 32.2 96.6

150 178.4 0.0 343.4



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: 50.403 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

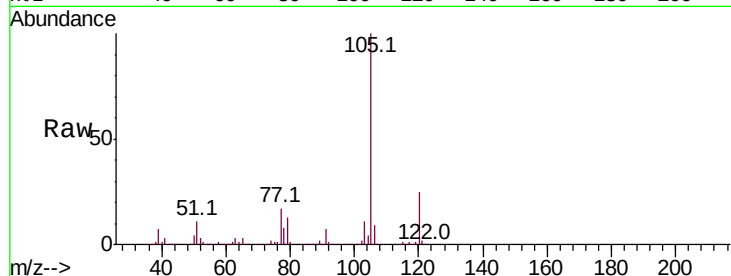
VSTDCCC050

Tot Ion:105 Resp: 744453

Ion Ratio Lower Upper

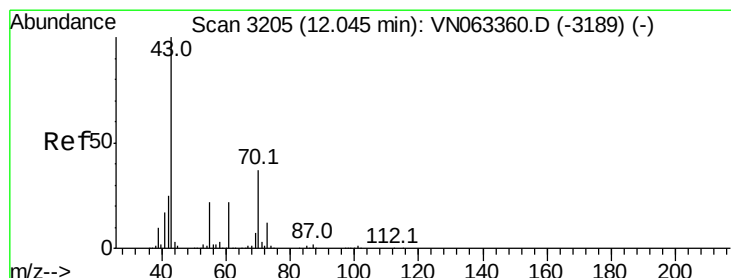
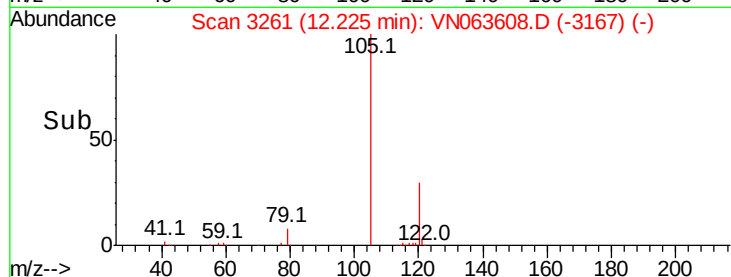
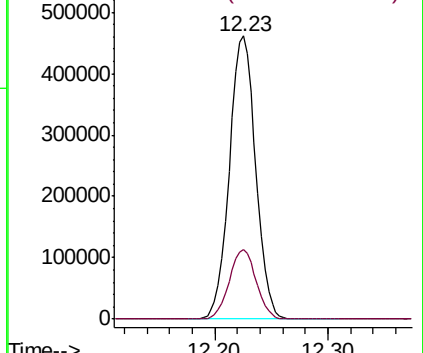
105 100

120 25.3 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.153 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Tgt Ion: 43 Resp: 343662

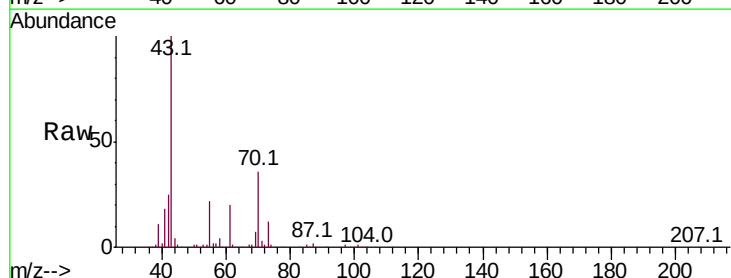
Ion Ratio Lower Upper

43 100

70 36.5 29.6 44.4

55 22.0 17.7 26.5

61 20.5 17.4 26.2

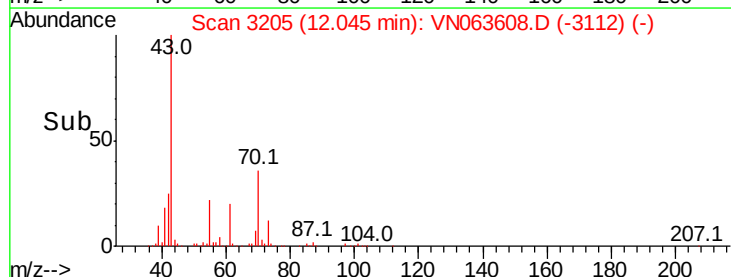
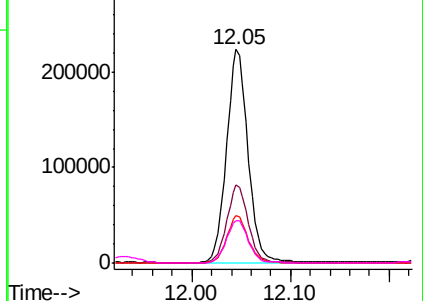


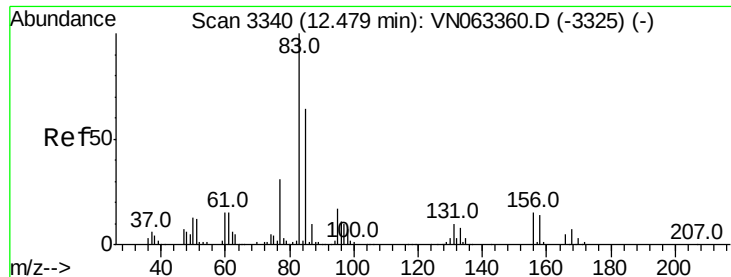
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 50.081 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

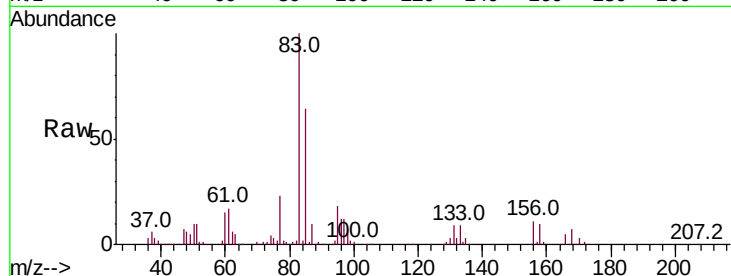
Tot Ion: 83 Resp: 229033

Ion Ratio Lower Upper

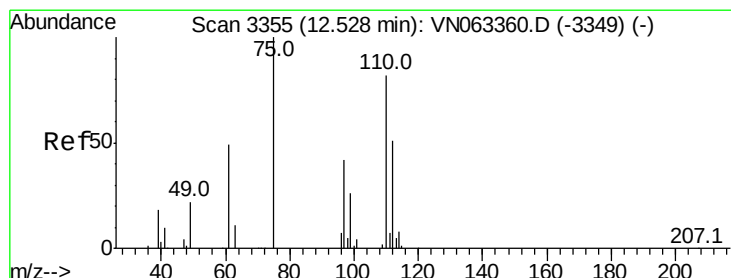
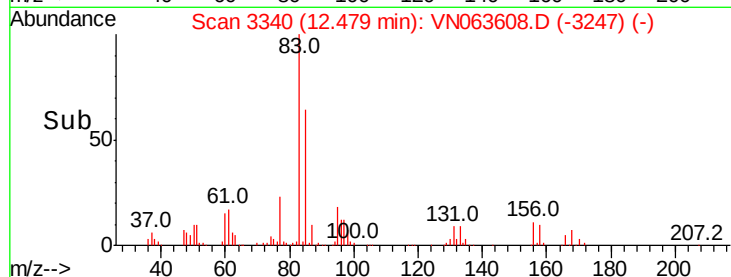
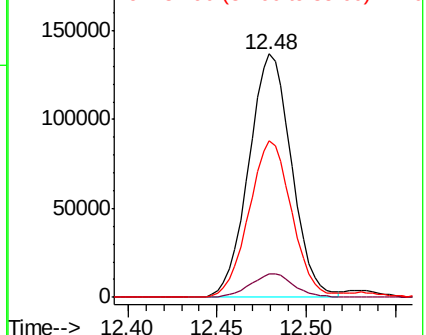
83 100

131 9.9 4.9 14.7

85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 67.745 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063608.D

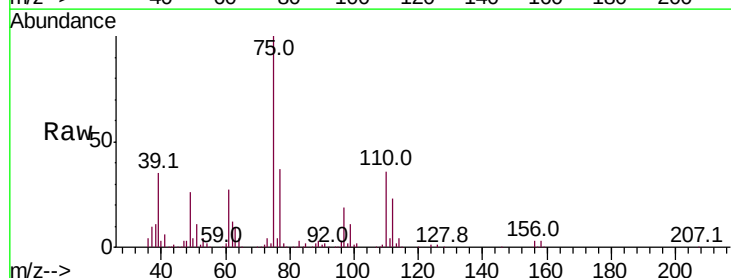
Acq: 23 Sep 2020 23:17

Tgt Ion: 75 Resp: 309059

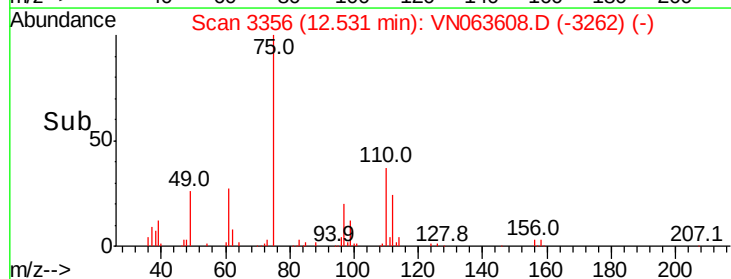
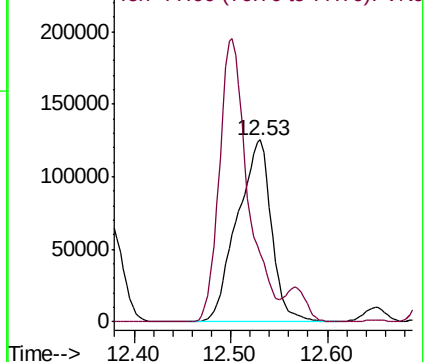
Ion Ratio Lower Upper

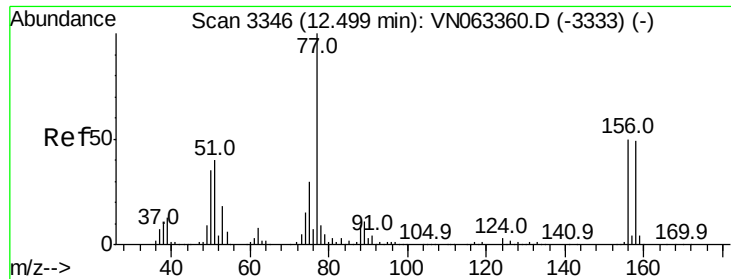
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 52.643 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

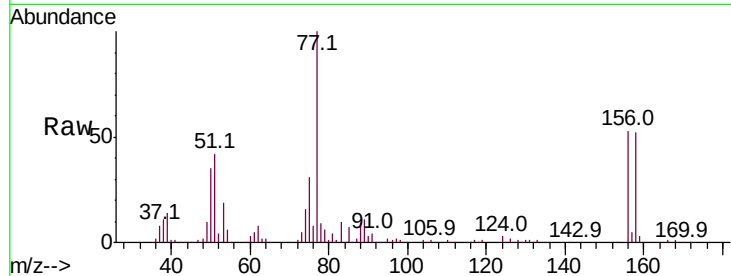
Tot Ion:156 Resp: 174903

Ion Ratio Lower Upper

156 100

77 229.6 120.2 360.6

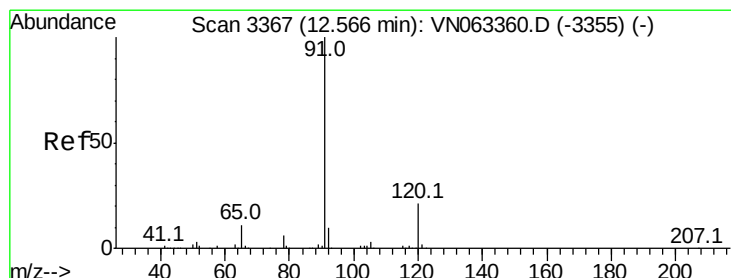
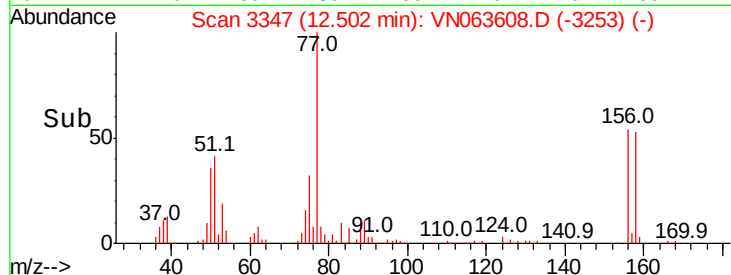
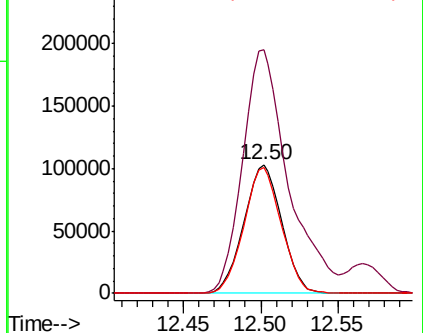
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.947 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063608.D

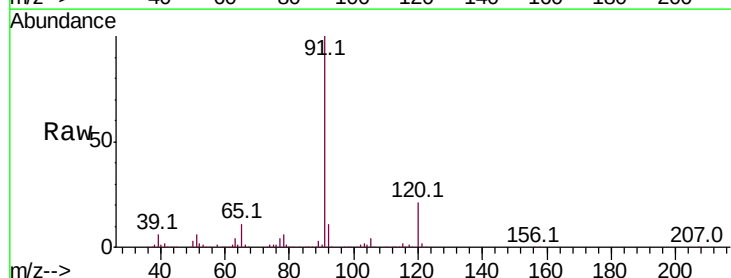
Acq: 23 Sep 2020 23:17

Tgt Ion: 91 Resp: 859236

Ion Ratio Lower Upper

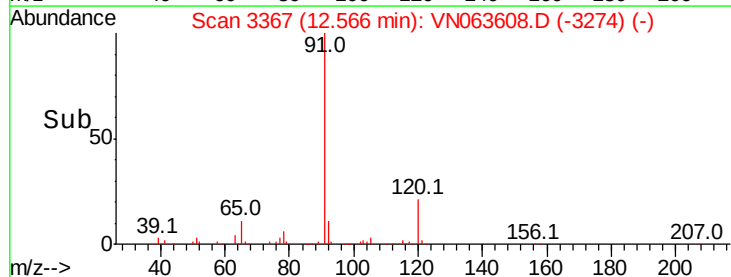
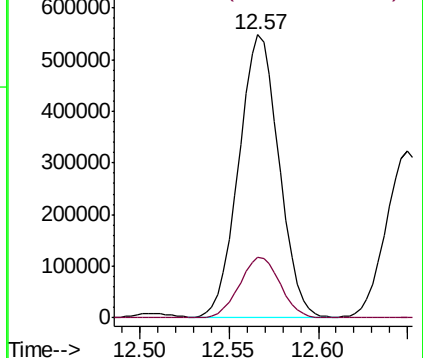
91 100

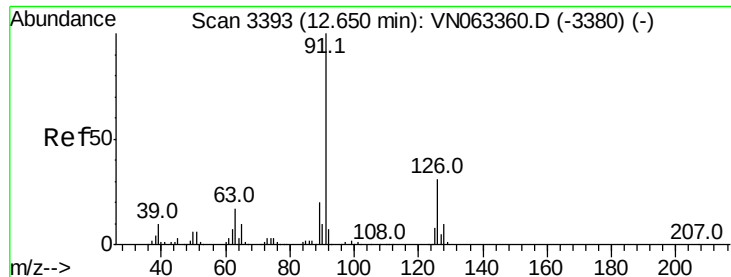
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

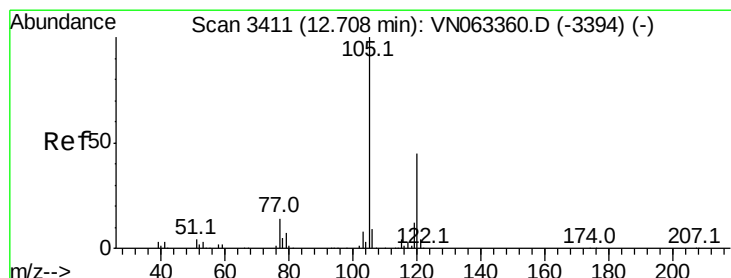
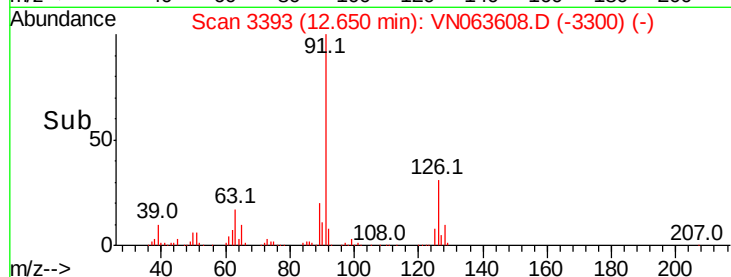
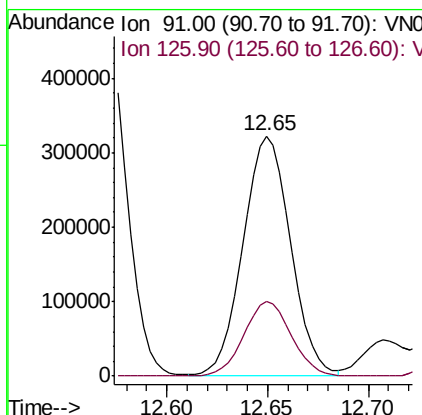
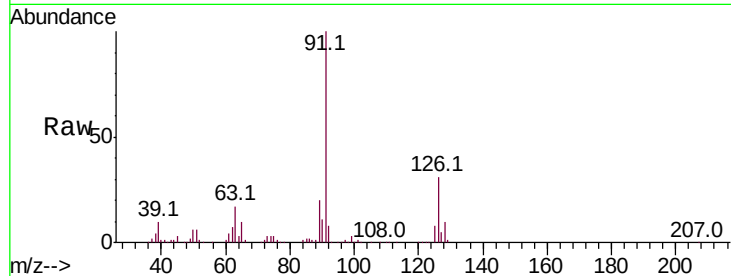




#79
 2-Chlorotoluene
 Concen: 51.218 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

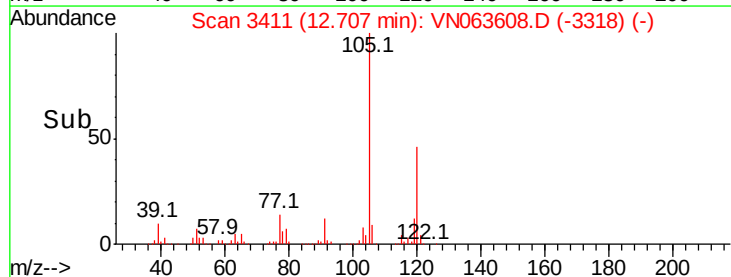
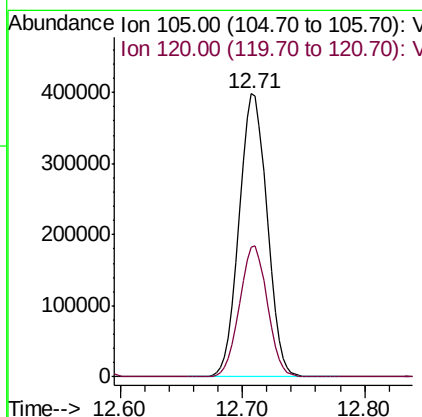
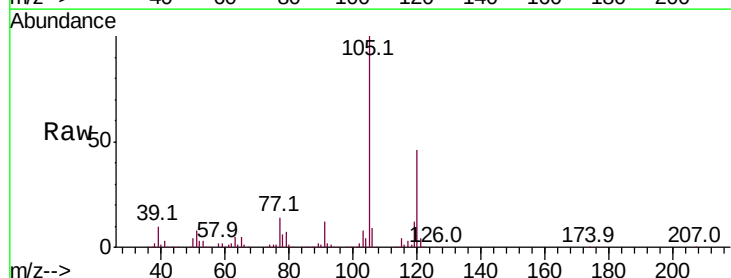
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

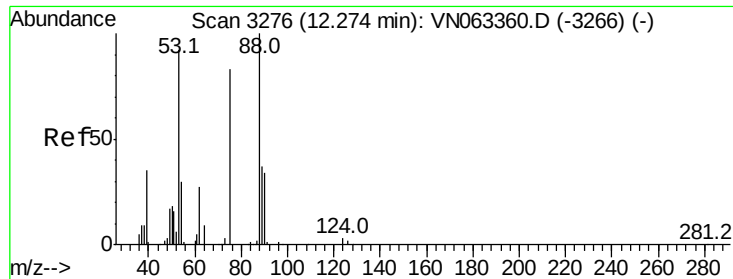
Tot Ion: 91 Resp: 528176
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.157 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Tgt Ion:105 Resp: 630060
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.033 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

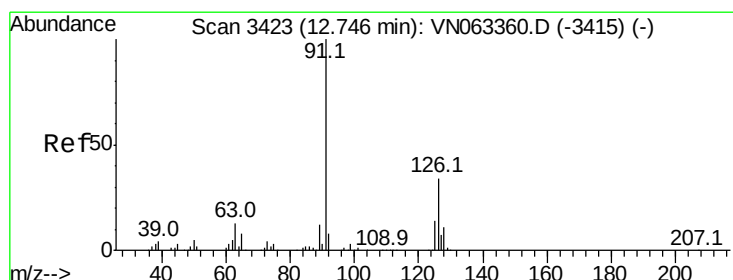
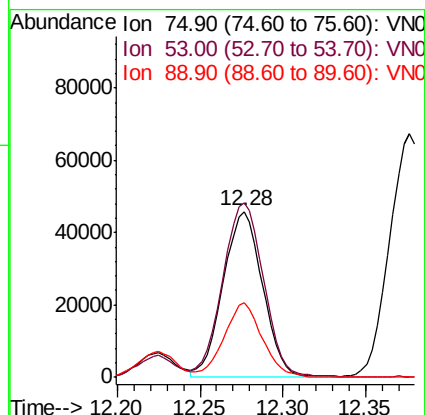
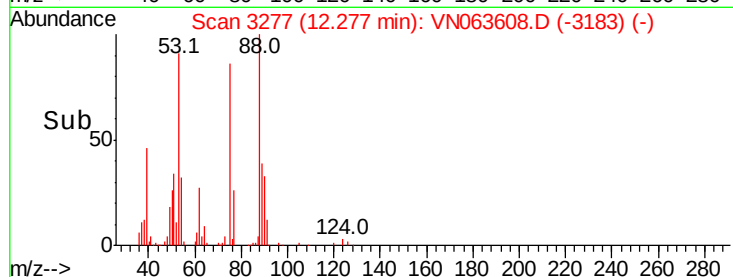
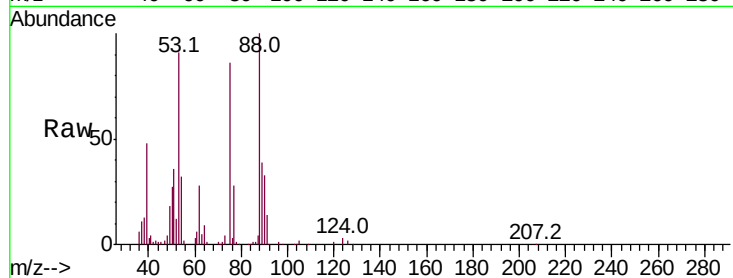
Tot Ion: 75 Resp: 76599

Ion Ratio Lower Upper

75 100

53 107.6 85.7 128.5

89 43.2 38.0 57.0



#82

4-Chlorotoluene

Concen: 50.575 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063608.D

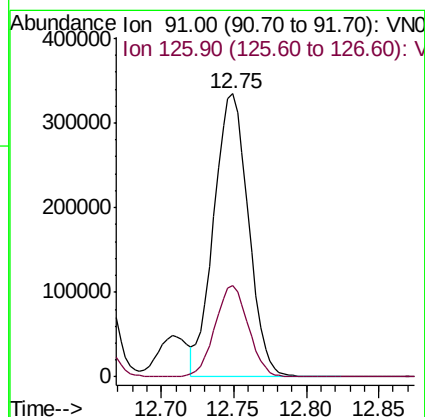
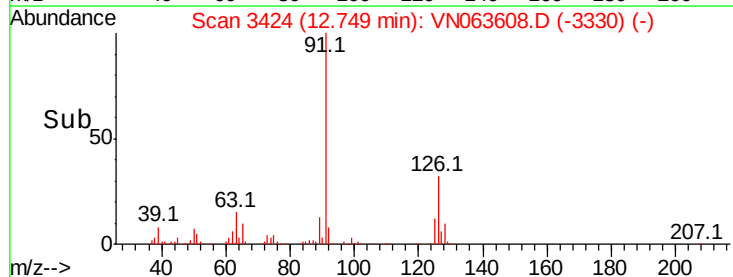
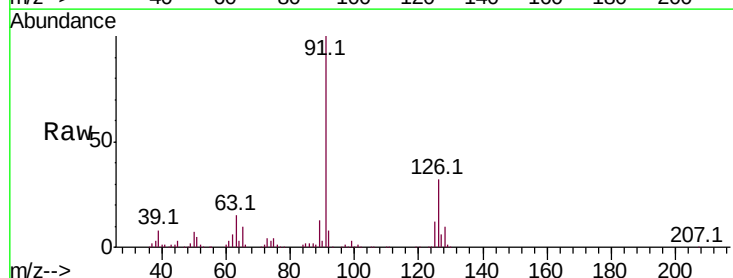
Acq: 23 Sep 2020 23:17

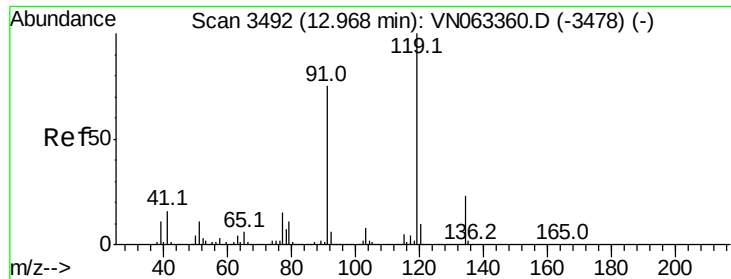
Tgt Ion: 91 Resp: 551058

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 49.657 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

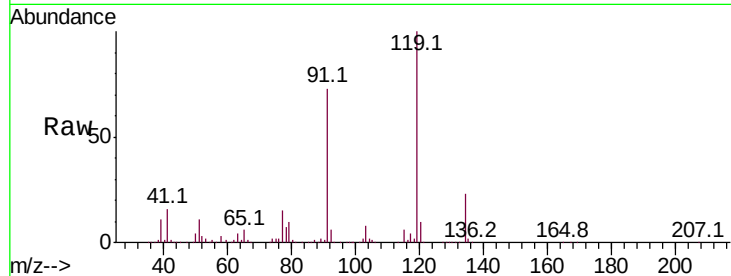
Tot Ion:119 Resp: 504774

Ion Ratio Lower Upper

119 100

91 72.5 36.3 108.9

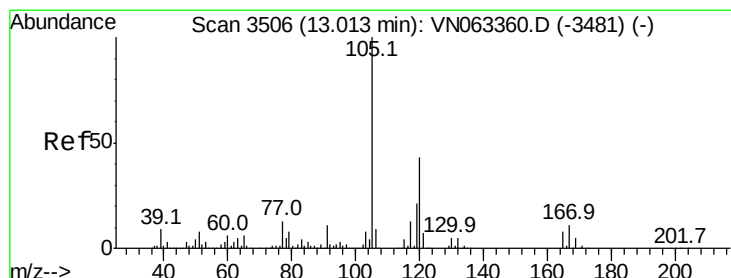
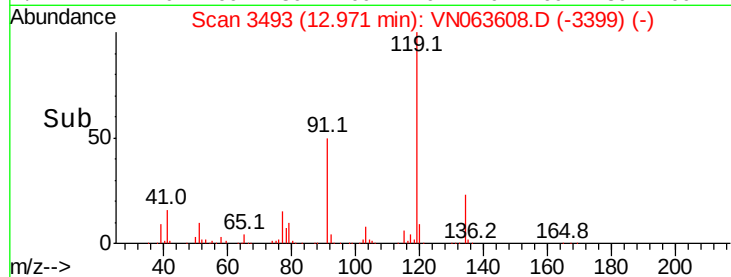
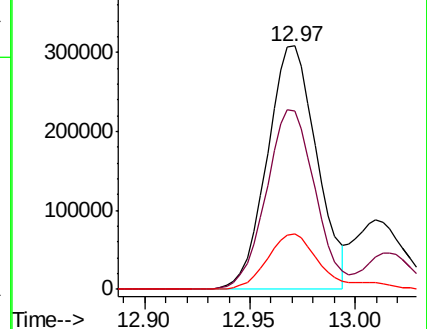
134 23.1 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.902 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063608.D

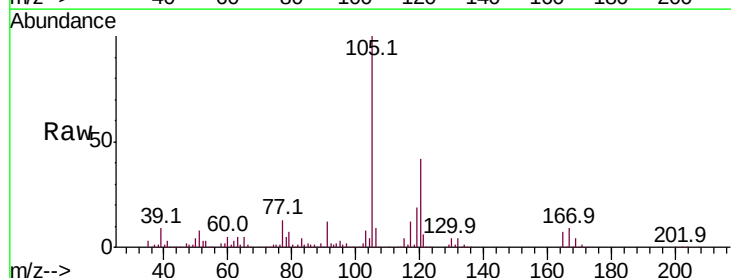
Acq: 23 Sep 2020 23:17

Tgt Ion:105 Resp: 645682

Ion Ratio Lower Upper

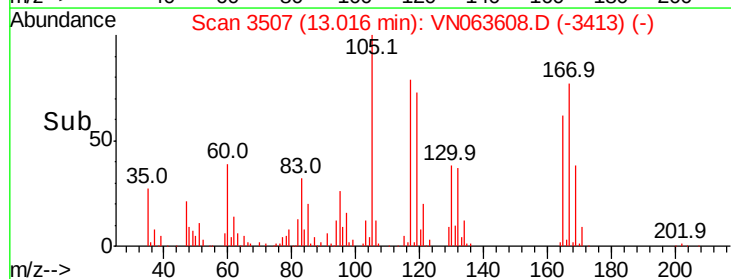
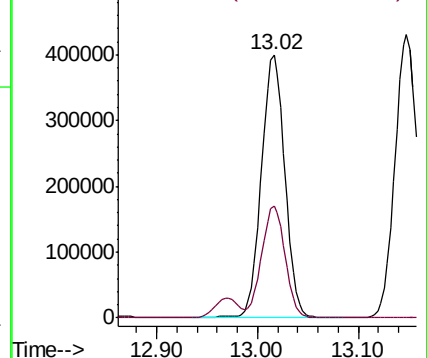
105 100

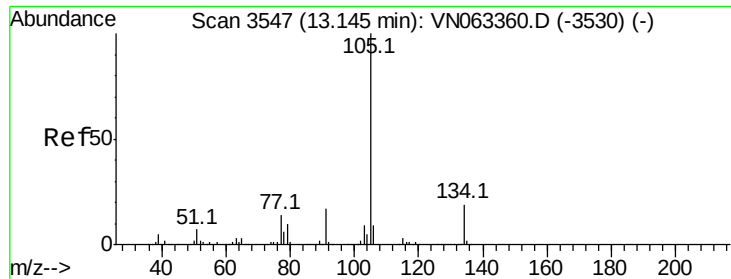
120 42.3 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.707 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

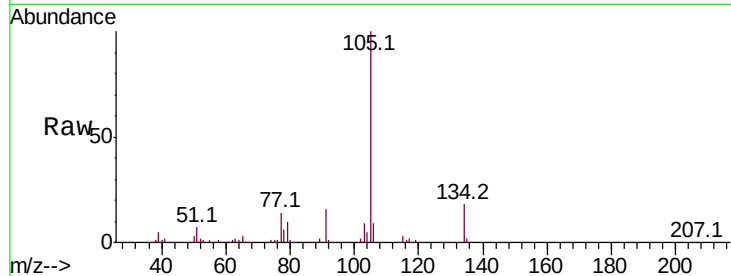
VSTDCCC050

Tot Ion:105 Resp: 676354

Ion Ratio Lower Upper

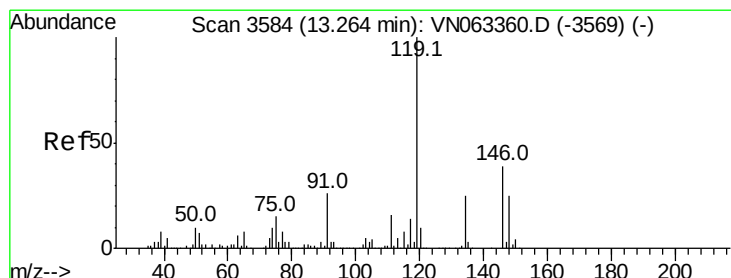
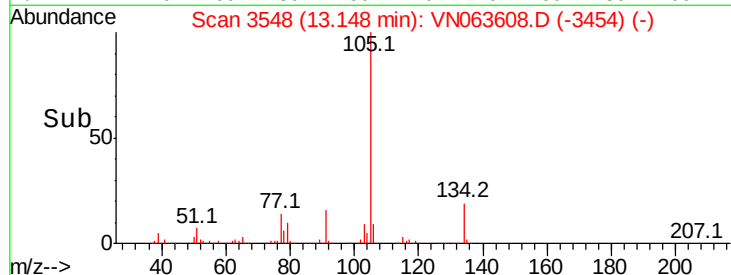
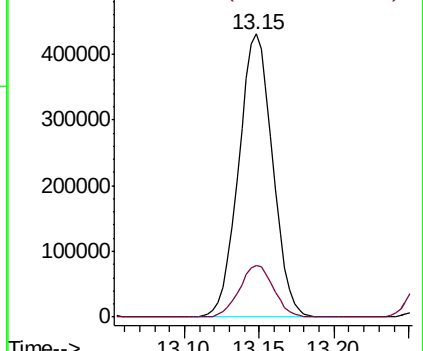
105 100

134 18.5 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.862 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

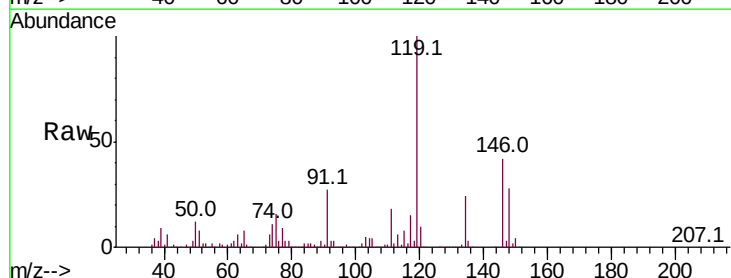
Tgt Ion:119 Resp: 598414

Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

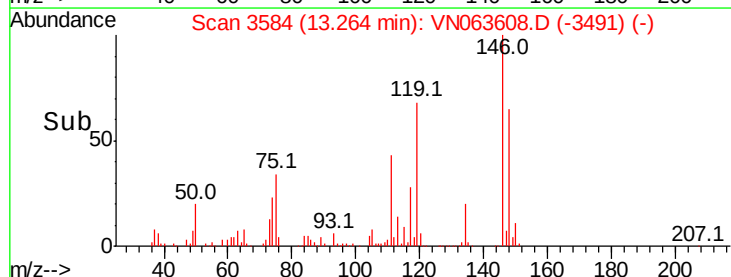
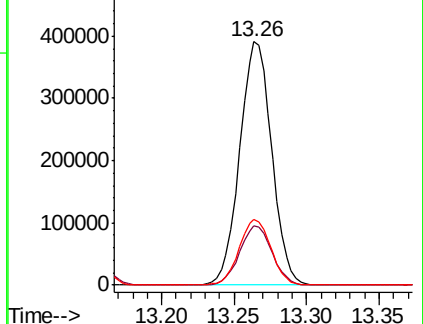
91 26.9 13.4 40.1

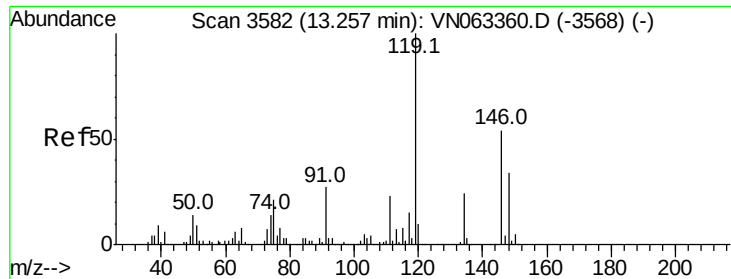


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.420 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

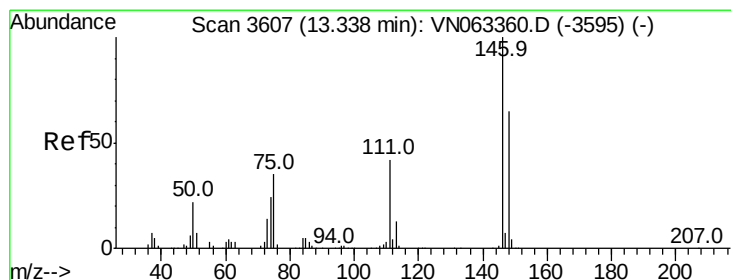
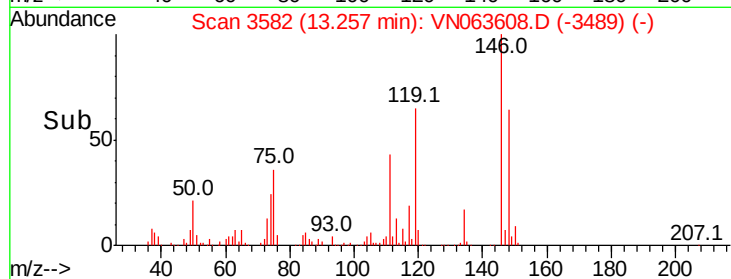
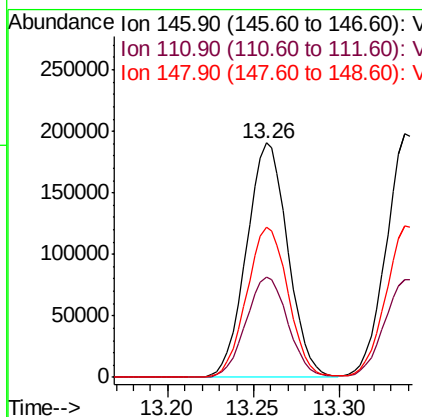
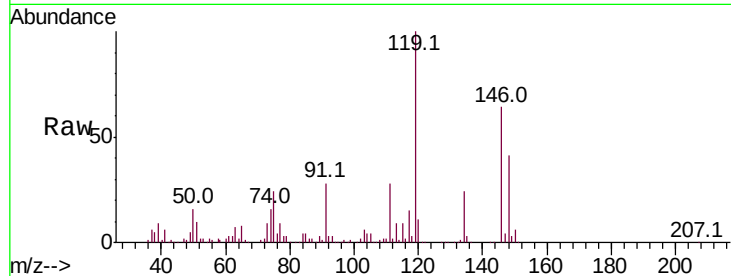
Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 316645

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.3
148	64.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 51.155 ug/l

RT: 13.34 min Scan# 3607

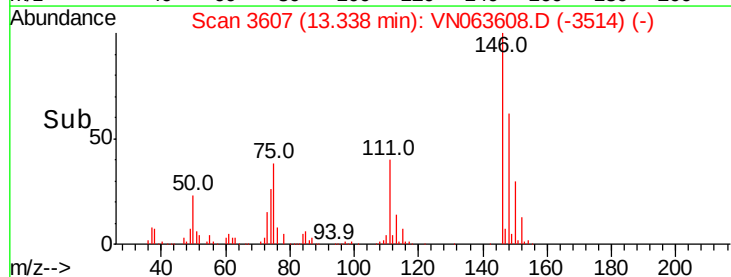
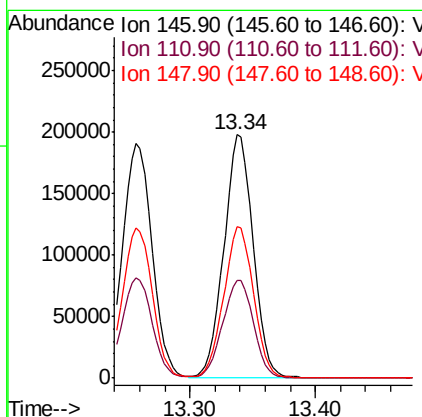
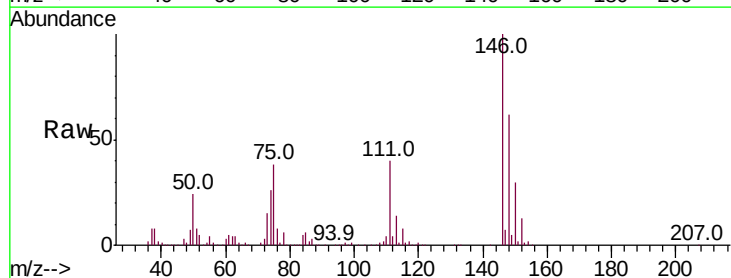
Delta R.T. -0.00 min

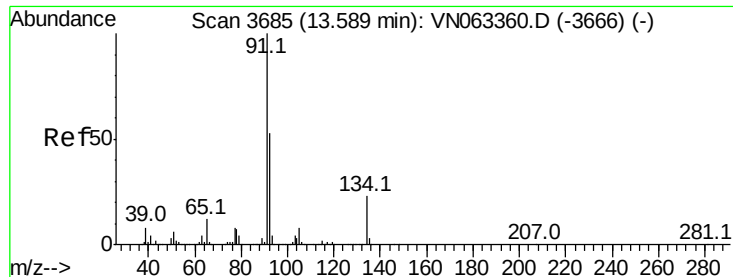
Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Tgt Ion:146 Resp: 320276

Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.2	63.6
148	63.4	31.9	95.9





#89

n-Butylbenzene

Concen: 48.464 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

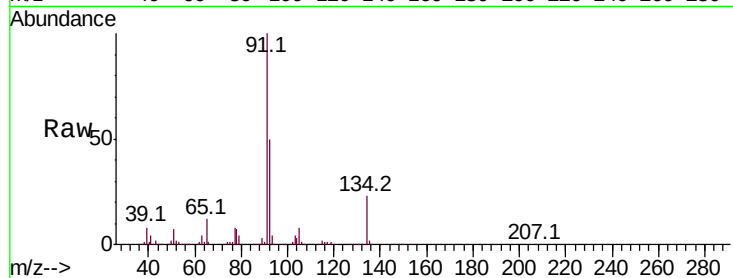
Tot Ion: 91 Resp: 536118

Ion Ratio Lower Upper

91 100

92 50.5 26.0 78.0

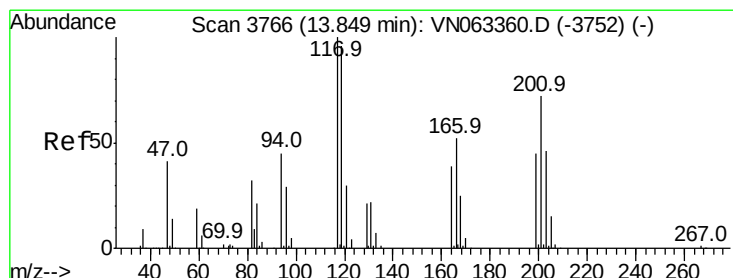
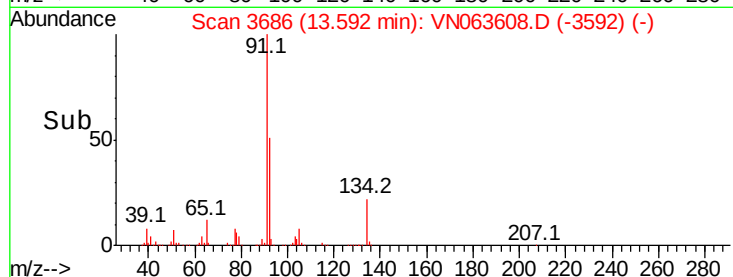
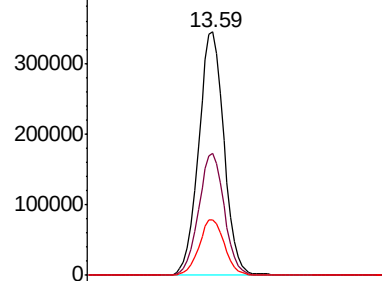
134 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 47.248 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063608.D

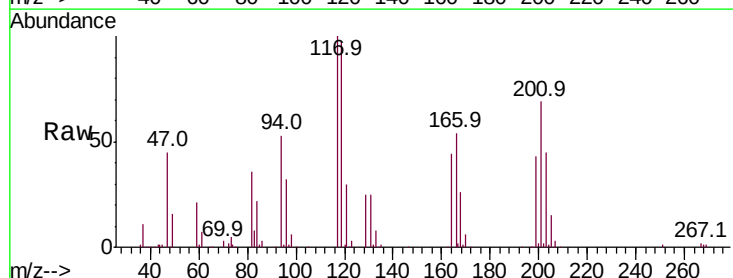
Acq: 23 Sep 2020 23:17

Tgt Ion: 117 Resp: 107973

Ion Ratio Lower Upper

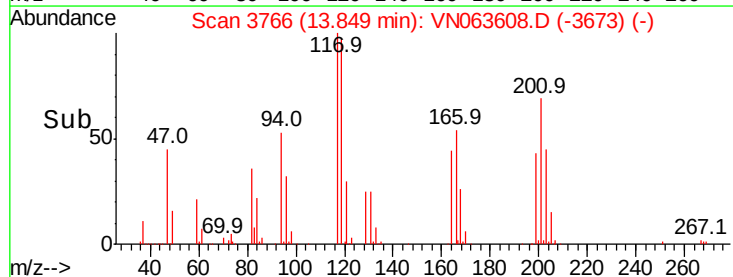
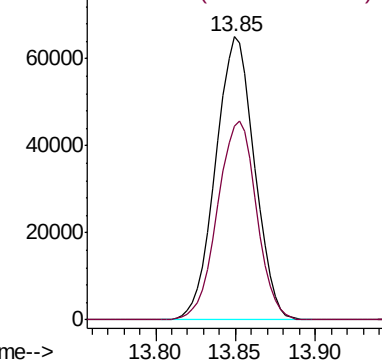
117 100

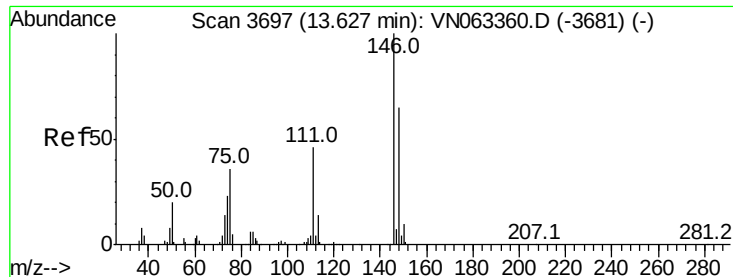
201 70.5 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

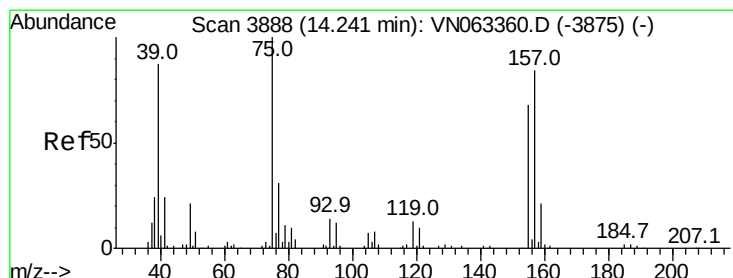
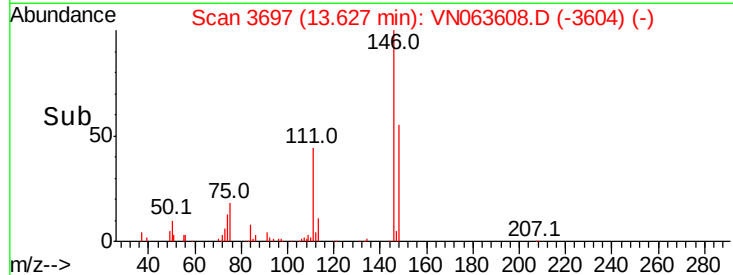
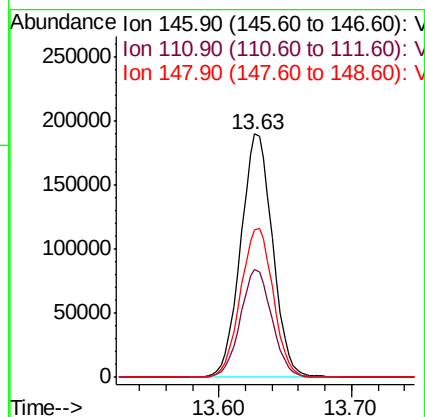
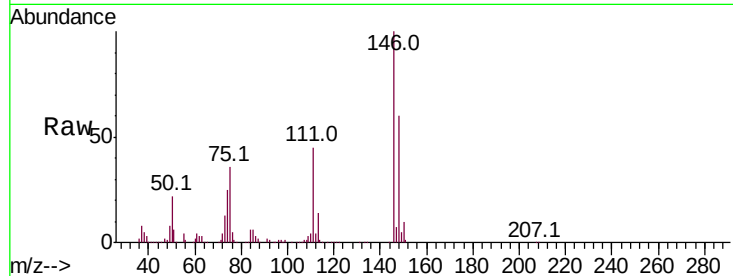




#91
 1,2-Dichlorobenzene
 Concen: 52.419 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

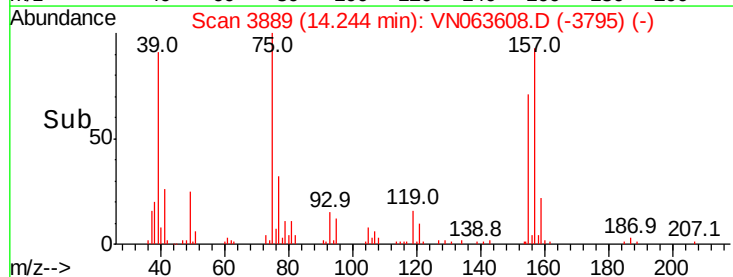
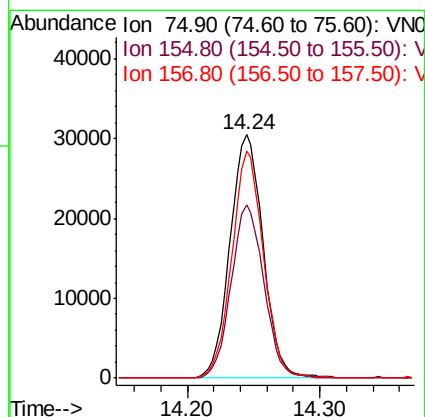
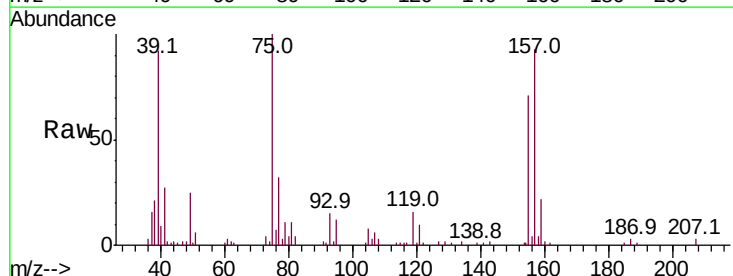
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

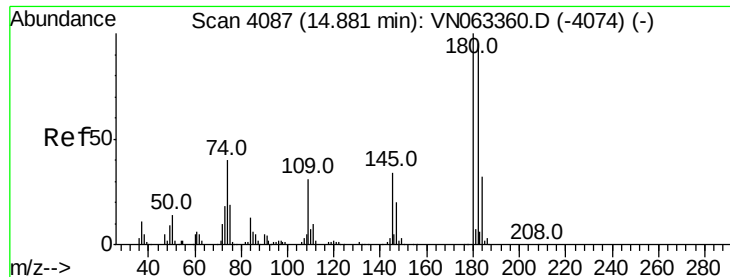
Tot Ion:	146	Resp:	316915
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.4	67.2
148	62.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.622 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063608.D
 Acq: 23 Sep 2020 23:17

Tgt Ion:	75	Resp:	52950
Ion	Ratio	Lower	Upper
75	100		
155	70.0	34.6	103.9
157	88.5	43.7	131.1





#93

1,2,4-Trichlorobenzene

Concen: 47.787 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

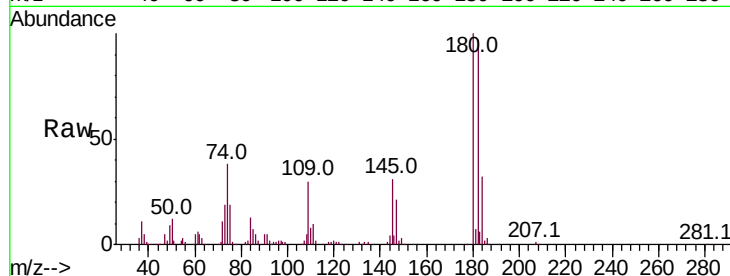
Tot Ion:180 Resp: 170321

Ion Ratio Lower Upper

180 100

182 95.0 47.3 142.0

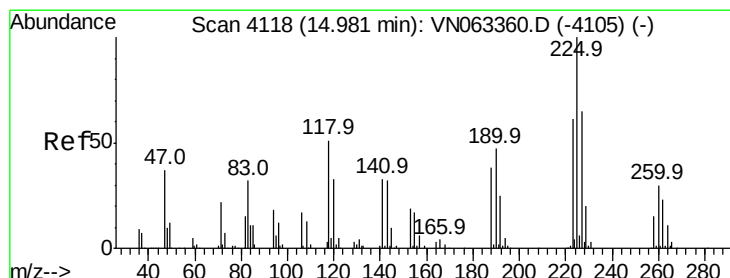
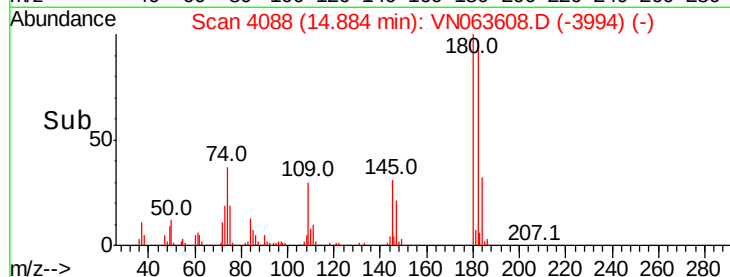
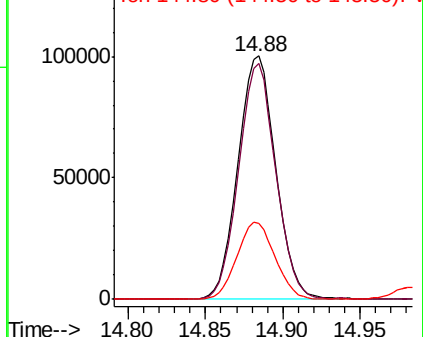
145 31.9 16.6 49.7



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: 51.557 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

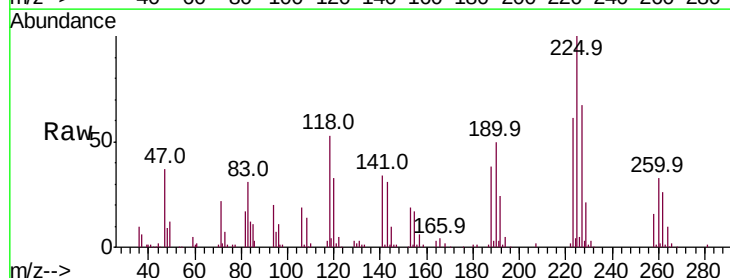
Tgt Ion:225 Resp: 76075

Ion Ratio Lower Upper

225 100

223 62.8 30.6 91.6

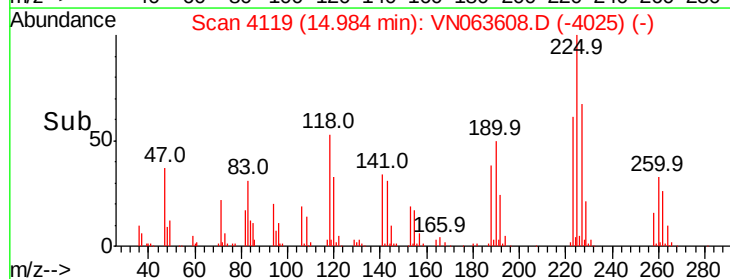
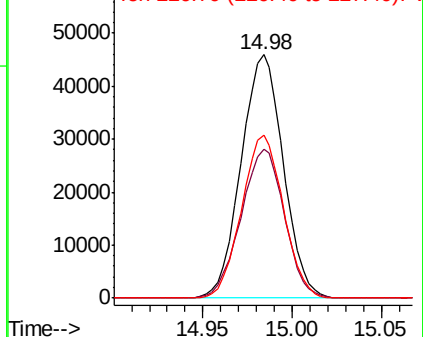
227 66.2 31.2 93.6

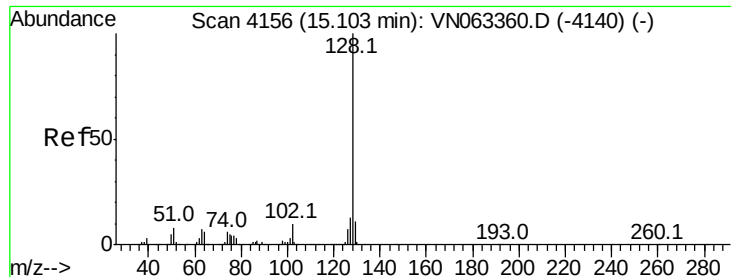


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.452 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

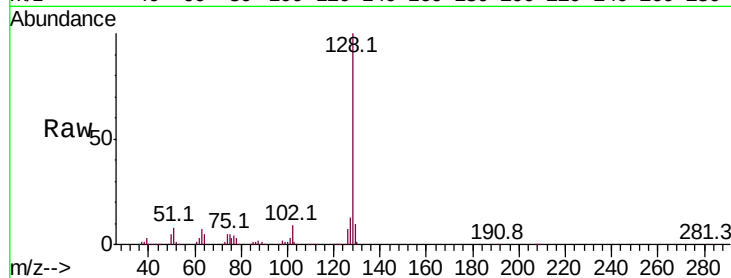
Tot Ion:128 Resp: 570539

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

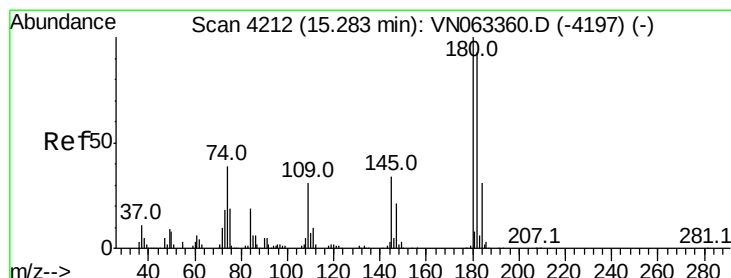
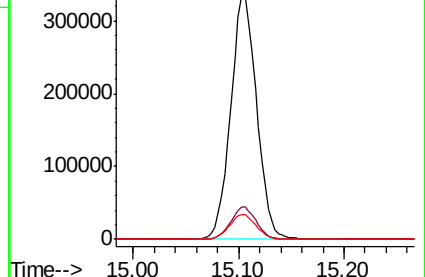
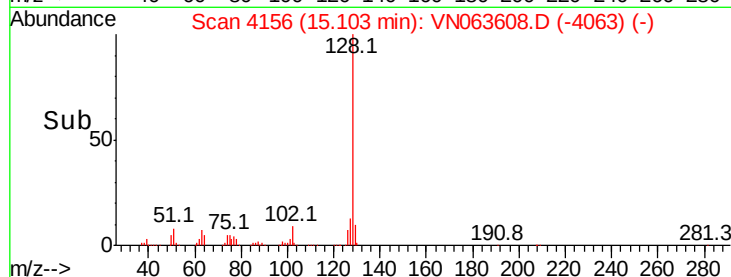
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.510 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

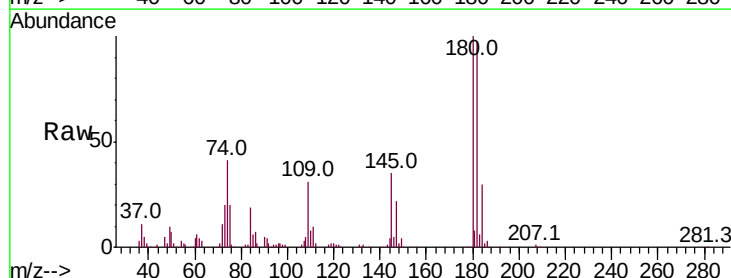
Tgt Ion:180 Resp: 167058

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.1

145 34.5 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

