

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063234.D
 Acq On : 4 Sep 2020 9:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 07:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	352746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	627316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	589113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	285437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	296130	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	7.55	113	222782	55.36	ug/l	0.00
Spiked Amount			Recovery	=	110.72%	
50) Toluene-d8	10.06	98	863711	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	12.38	95	301545	55.65	ug/l	0.00
Spiked Amount			Recovery	=	111.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	150153	43.222	ug/l	100
3) Chloromethane	2.03	50	208769	41.270	ug/l	99
4) Vinyl Chloride	2.17	62	252382	45.166	ug/l	98
5) Bromomethane	2.53	94	228692	48.620	ug/l	95
6) Chloroethane	2.67	64	223313	50.263	ug/l	98
7) Trichlorofluoromethane	2.98	101	408009	53.172	ug/l	95
8) Diethyl Ether	3.37	74	115316	43.132	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	181534	47.796	ug/l	98
10) Methyl Iodide	3.91	142	221401	42.740	ug/l	99
11) Tert butyl alcohol	4.72	59	156580	221.215	ug/l #	90
12) 1,1-Dichloroethene	3.70	96	173415	44.808	ug/l	98
13) Acrolein	3.57	56	50587	191.650	ug/l	97
14) Allyl chloride	4.27	41	312513	45.467	ug/l	96
15) Acrylonitrile	4.93	53	444960	224.669	ug/l	99
16) Acetone	3.77	43	449671	274.321	ug/l	99
17) Carbon Disulfide	4.01	76	480510	41.713	ug/l	98
18) Methyl Acetate	4.27	43	215532	51.280	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	647932	45.130	ug/l	97
20) Methylene Chloride	4.50	84	212569	46.079	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	207547	48.540	ug/l	98
22) Diisopropyl ether	5.89	45	705505	45.804	ug/l	99
23) Vinyl Acetate	5.84	43	2955377	240.467	ug/l	100
24) 1,1-Dichloroethane	5.79	63	395658	46.596	ug/l	99
25) 2-Butanone	6.78	43	663392	261.367	ug/l	100
26) 2,2-Dichloropropane	6.77	77	364442	47.371	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	244816	47.106	ug/l	98
28) Bromochloromethane	7.15	49	199344	44.935	ug/l	100
29) Tetrahydrofuran	7.16	42	417377	237.819	ug/l	99
30) Chloroform	7.33	83	417817	47.031	ug/l	100
31) Cyclohexane	7.61	56	337159	44.878	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	364714	47.642	ug/l	99
36) 1,1-Dichloropropene	7.75	75	305880	50.721	ug/l	98
37) Ethyl Acetate	6.87	43	275188	48.337	ug/l #	95
38) Carbon Tetrachloride	7.73	117	304054	49.715	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	346348	51.121	ug/l	98
40) Benzene	8.00	78	906273	51.138	ug/l	99
41) Methacrylonitrile	7.12	41	111969	44.072	ug/l #	63
42) 1,2-Dichloroethane	8.08	62	343349	51.866	ug/l	100
43) Isopropyl Acetate	8.12	43	505888	51.437	ug/l	100
44) Trichloroethene	8.80	130	230161	53.543	ug/l	99
45) 1,2-Dichloropropane	9.08	63	237418	50.599	ug/l	95
46) Dibromomethane	9.17	93	162097	52.130	ug/l	98
47) Bromodichloromethane	9.37	83	342433	51.377	ug/l	99
48) Methyl methacrylate	9.16	41	225281	50.811	ug/l	91
49) 1,4-Dioxane	9.16	88	72606	1058.759	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1475336	276.047	ug/l	100
52) Toluene	10.12	92	594103	53.815	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	369665	50.704	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	397747	51.974	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	225841	53.417	ug/l	98
56) Ethyl methacrylate	10.40	69	335185	52.095	ug/l	99
57) 1,3-Dichloropropane	10.68	76	393955	52.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	857307	257.307	ug/l	99
59) 2-Hexanone	10.72	43	1107864	294.955	ug/l	99
60) Dibromochloromethane	10.87	129	248643	53.195	ug/l	99
61) 1,2-Dibromoethane	10.97	107	232632	52.931	ug/l	97
64) Tetrachloroethene	10.60	164	244181	57.720	ug/l	94
65) Chlorobenzene	11.41	112	608748	51.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	226016	51.304	ug/l	99
67) Ethyl Benzene	11.48	91	1157175	53.459	ug/l	99
68) m/p-Xylenes	11.60	106	852277	106.309	ug/l	98
69) o-Xylene	11.92	106	404108	52.178	ug/l	97
70) Styrene	11.94	104	699896	52.584	ug/l	99
71) Bromoform	12.10	173	154411	51.648	ug/l #	96
73) Isopropylbenzene	12.22	105	1118941	51.110	ug/l	99
74) N-amyl acetate	12.05	43	455596	50.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	293583	46.514	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	424017	75.606	ug/l #	100
77) Bromobenzene	12.50	156	244218	49.325	ug/l	98
78) n-propylbenzene	12.57	91	1336067	52.739	ug/l	99
79) 2-Chlorotoluene	12.65	91	755349	49.782	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	942067	51.698	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	104164	44.892	ug/l	93
82) 4-Chlorotoluene	12.75	91	787180	50.022	ug/l	99
83) tert-Butylbenzene	12.97	119	784949	50.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	946780	51.546	ug/l	99
85) sec-Butylbenzene	13.15	105	1076938	52.874	ug/l	99
86) p-Isopropyltoluene	13.26	119	966473	53.446	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	464624	51.082	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	470478	49.954	ug/l	99
89) n-Butylbenzene	13.59	91	896244	53.649	ug/l	99
90) Hexachloroethane	13.85	117	158690	47.406	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	459034	52.006	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	64714	46.636	ug/l	99

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QLast Update : Tue Sep 01 04:21:28 2020
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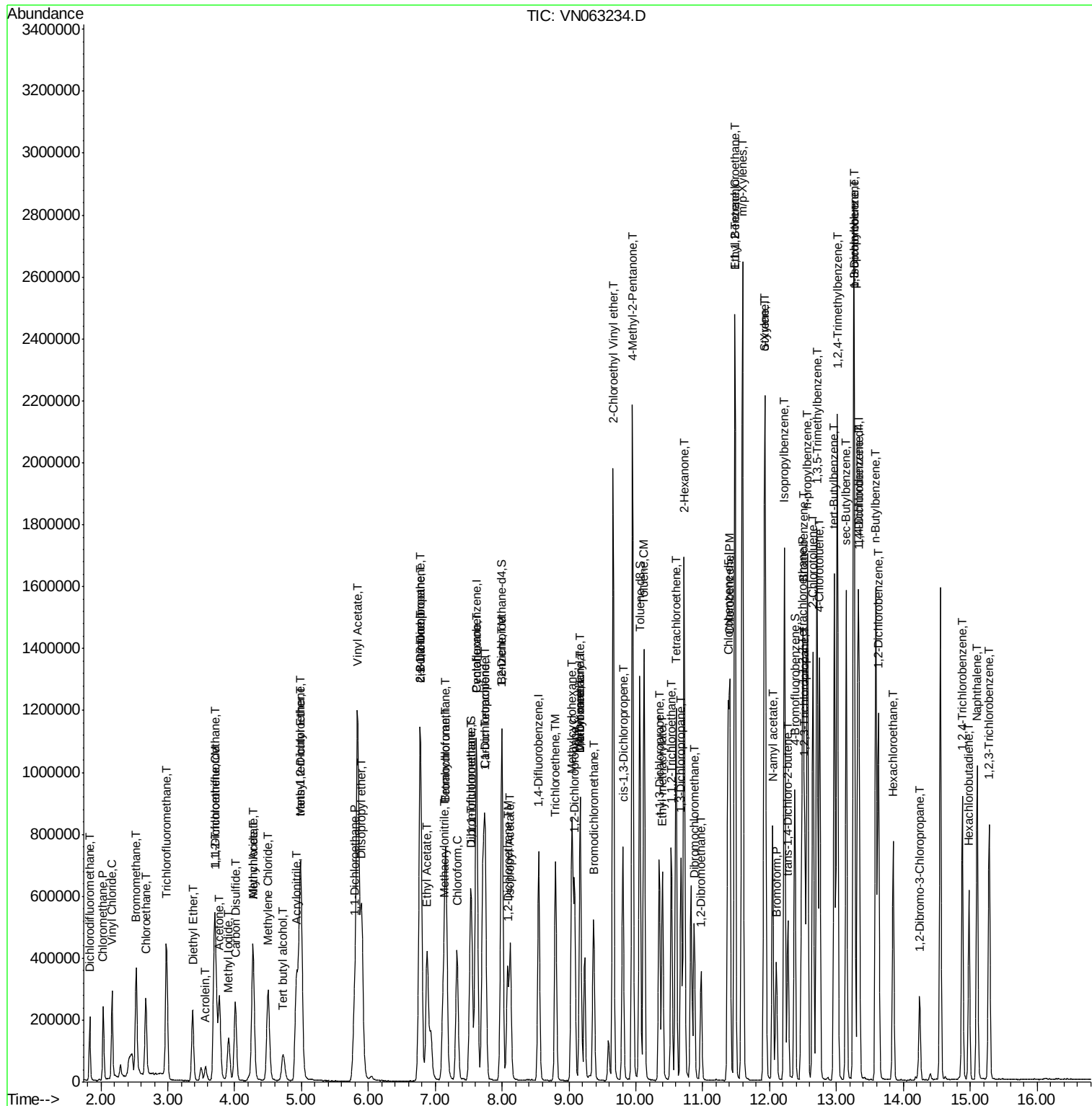
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	256713	52.058	ug/l	97
94) Hexachlorobutadiene	14.98	225	92705	50.324	ug/l	96
95) Naphthalene	15.10	128	819920	49.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	246088	51.221	ug/l	98

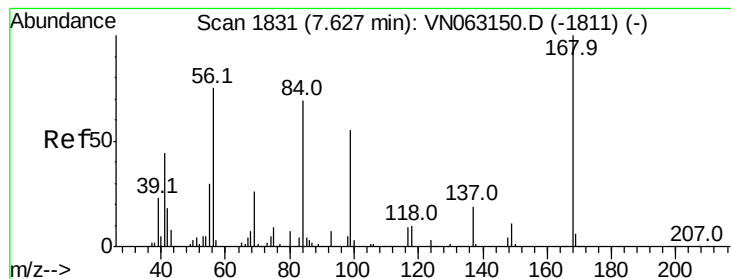
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

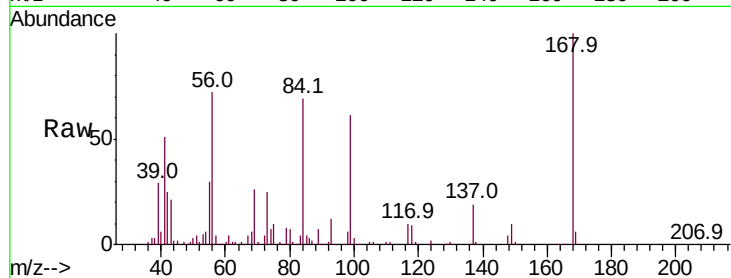
VSTDCCC050

Tot Ion:168 Resp: 352746

Ion Ratio Lower Upper

168 100

99 60.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063150.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN063150.D (-1811) (-)

7.62

150000

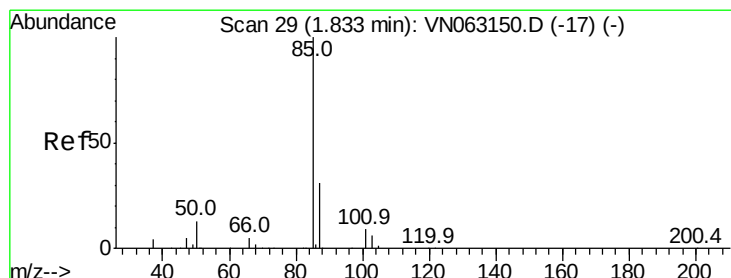
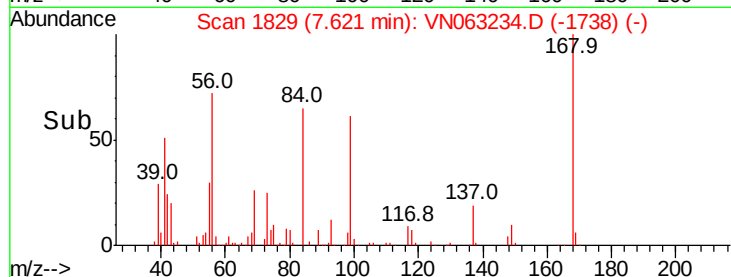
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.222 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063234.D

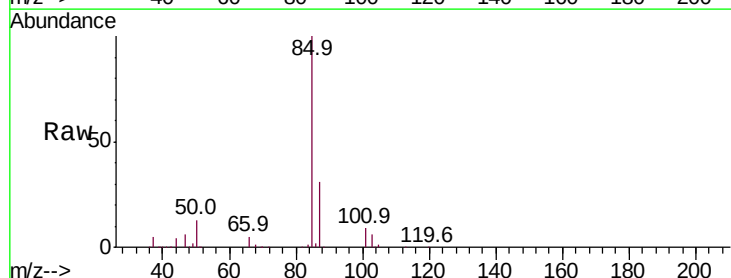
Acq: 4 Sep 2020 9:20

Tgt Ion: 85 Resp: 150153

Ion Ratio Lower Upper

85 100

87 31.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN063150.D (-17) (-)

Ion 86.90 (86.60 to 87.60): VN063150.D (-17) (-)

1.83

120000

100000

80000

60000

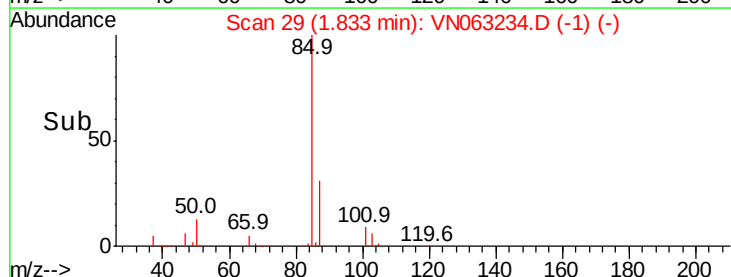
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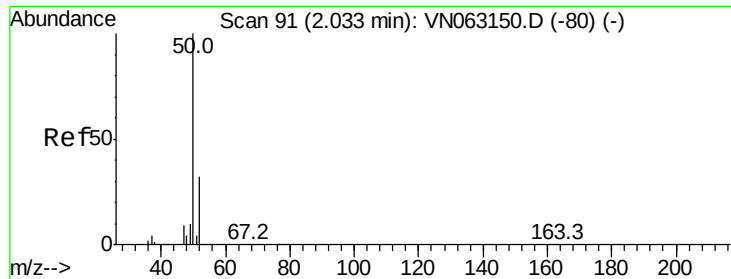
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.270 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

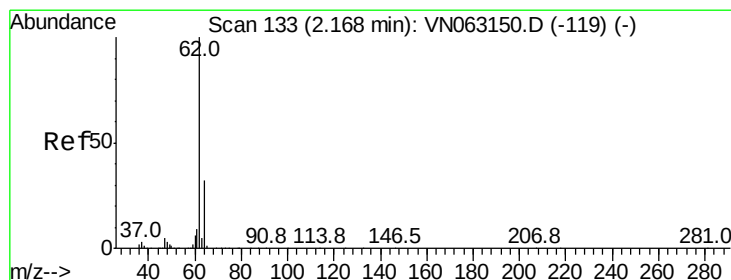
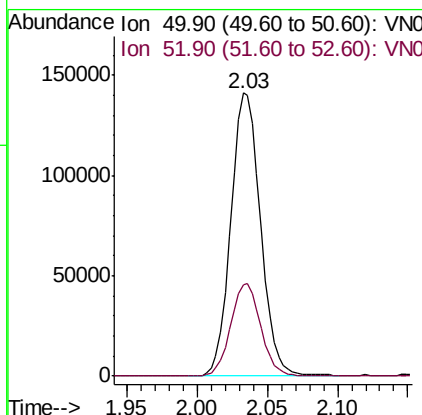
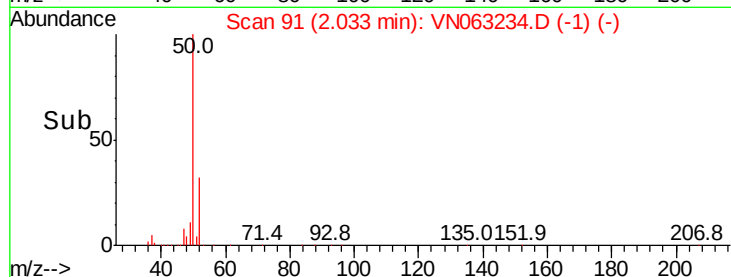
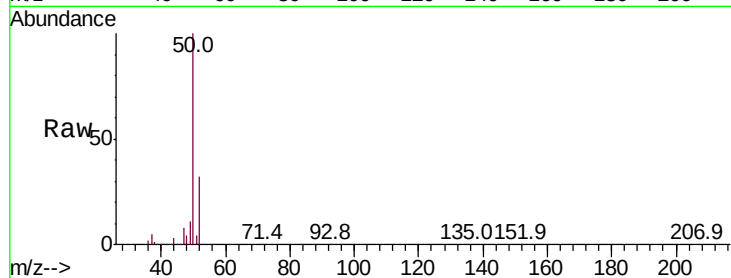
VSTDCCC050

Tot Ion: 50 Resp: 208769

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.6



#4

Vinyl Chloride

Concen: 45.166 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063234.D

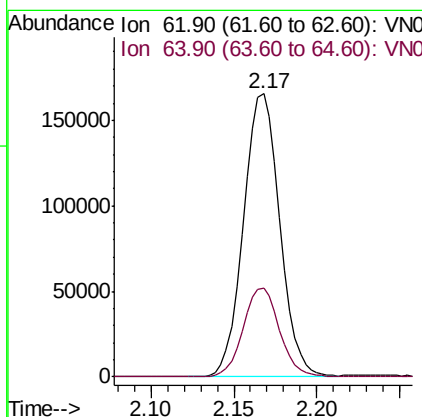
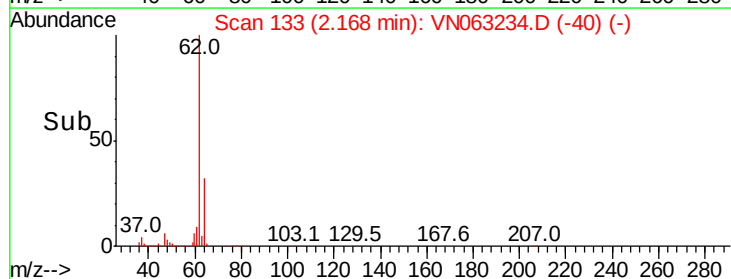
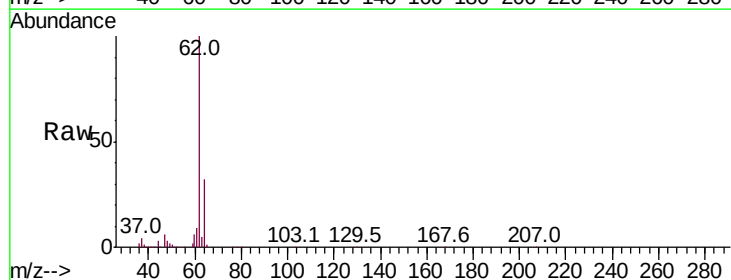
Acq: 4 Sep 2020 9:20

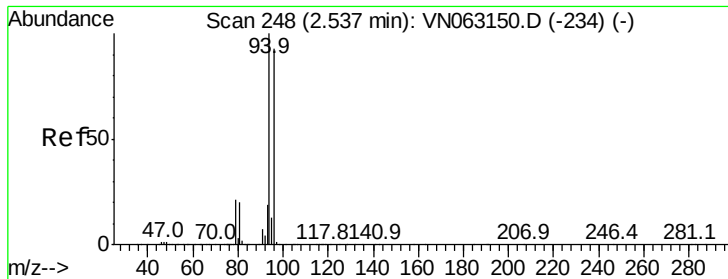
Tgt Ion: 62 Resp: 252382

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 48.620 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

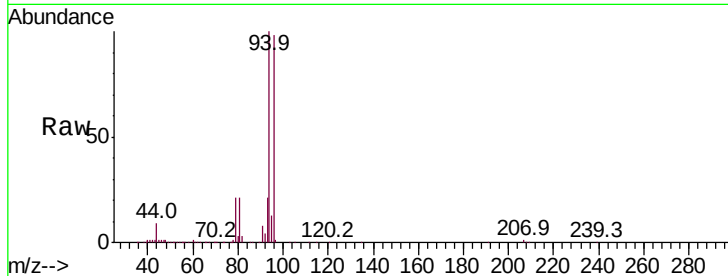
VSTDCCC050

Tot Ion: 94 Resp: 228692

Ion Ratio Lower Upper

94 100

96 98.3 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

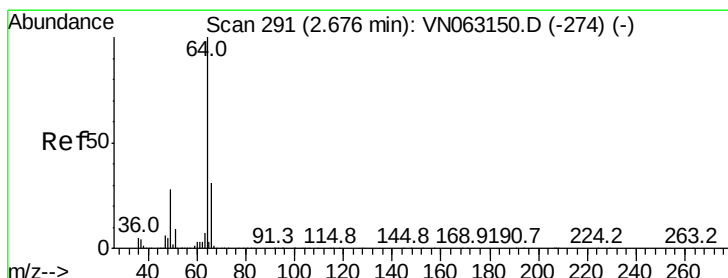
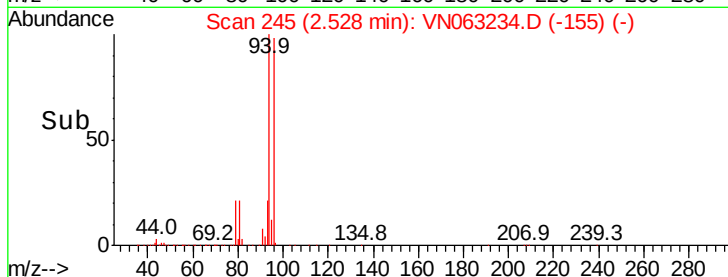
2.53

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.263 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063234.D

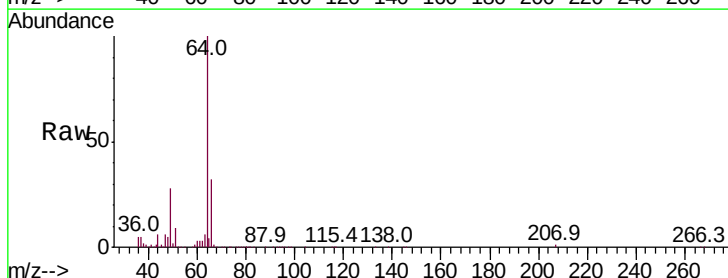
Acq: 4 Sep 2020 9:20

Tgt Ion: 64 Resp: 223313

Ion Ratio Lower Upper

64 100

66 32.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

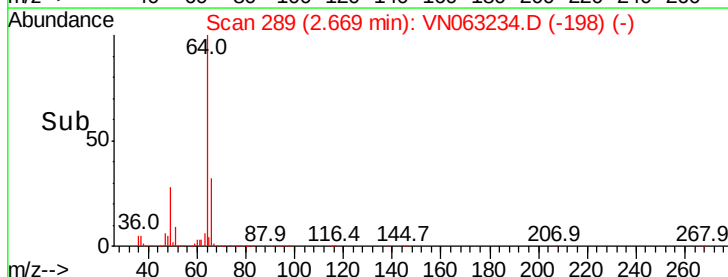
2.67

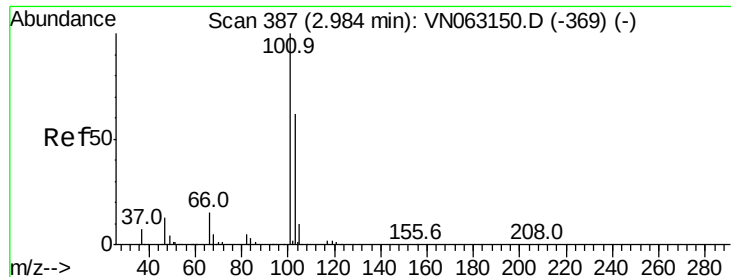
100000

50000

0

Time-->



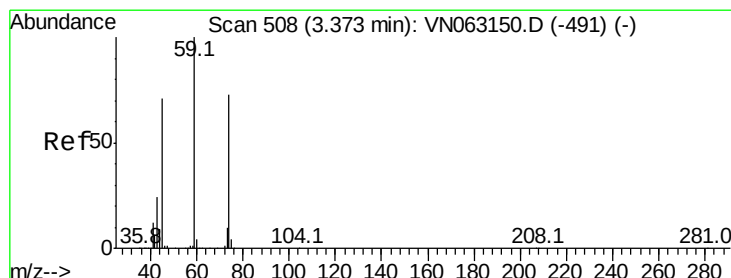
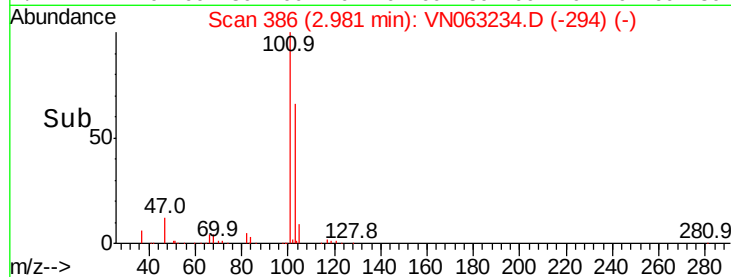
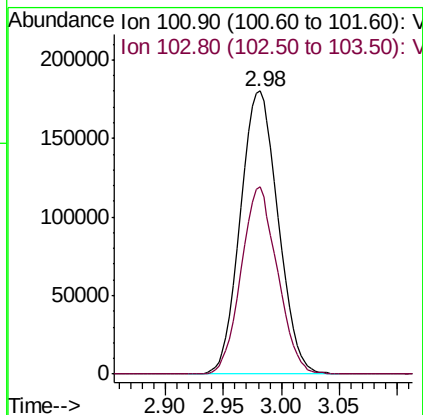
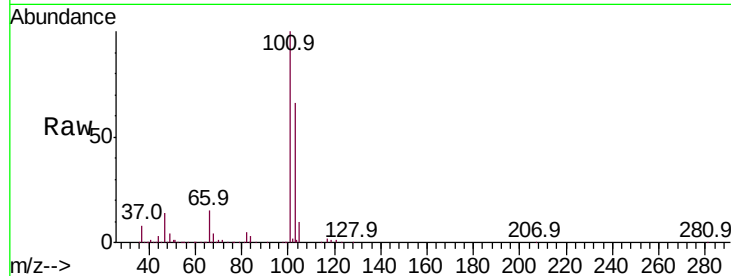


#7

Trichlorofluoromethane
 Concen: 53.172 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Instrument :
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 VSTDCCC050

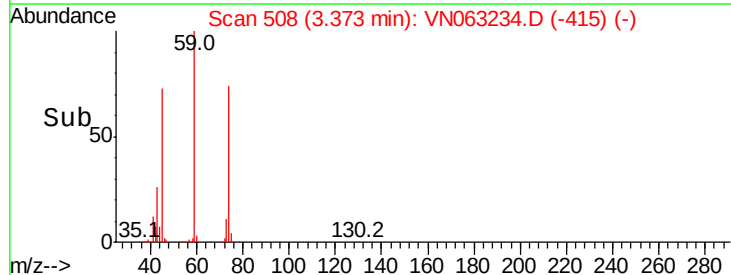
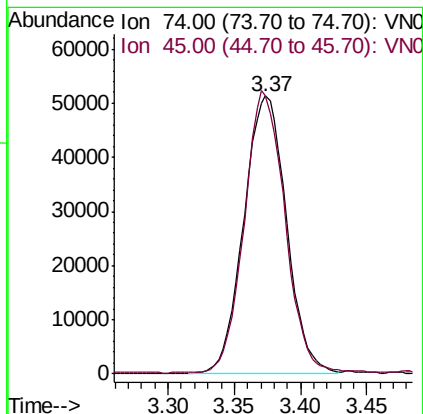
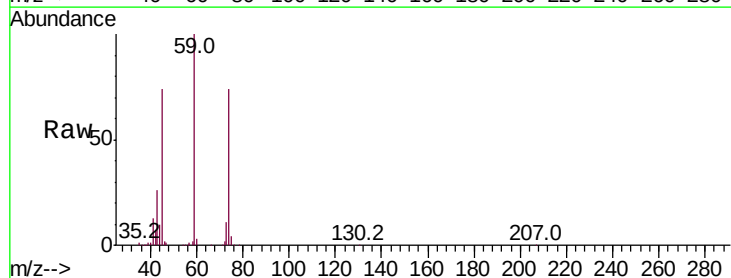
Tot Ion:101 Resp: 408009
 Ion Ratio Lower Upper
 101 100
 103 66.2 49.7 74.5

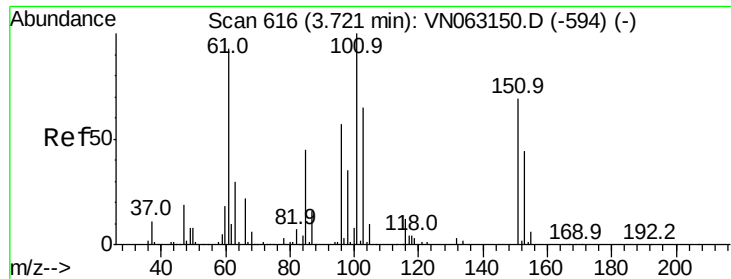


#8

Diethyl Ether
 Concen: 43.132 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 74 Resp: 115316
 Ion Ratio Lower Upper
 74 100
 45 95.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.796 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

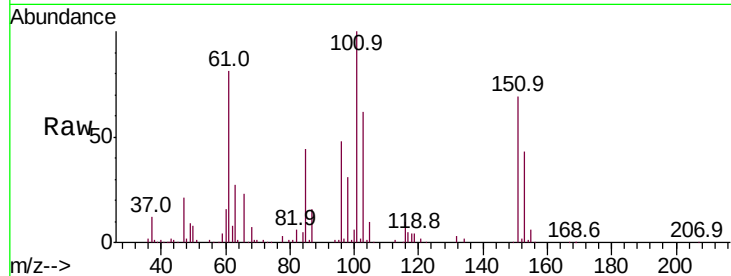
Tot Ion:101 Resp: 181534

Ion Ratio Lower Upper

101 100

85 47.8 37.8 56.8

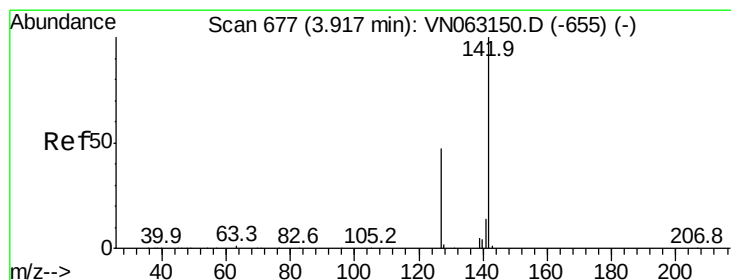
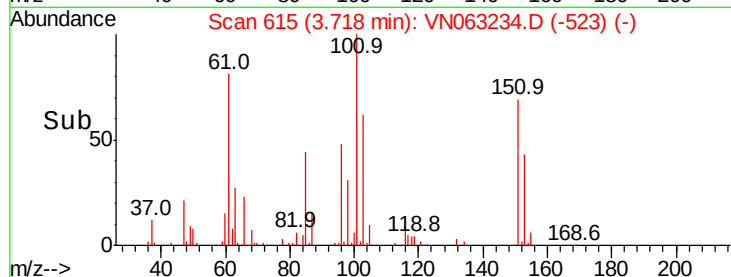
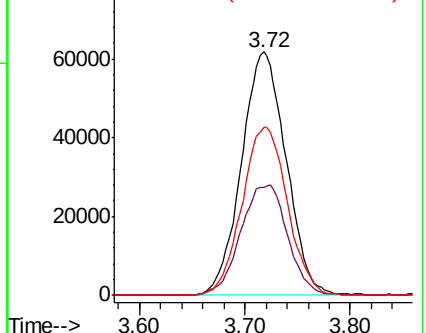
151 70.5 55.0 82.4



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: 42.740 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

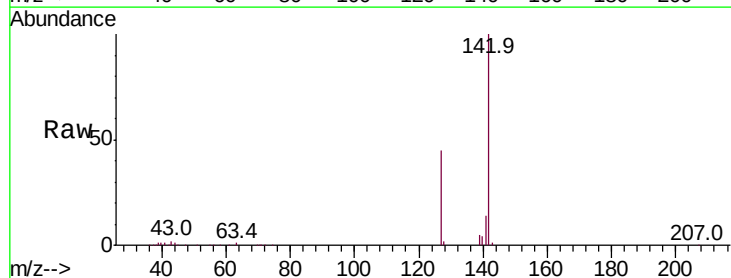
Tgt Ion:142 Resp: 221401

Ion Ratio Lower Upper

142 100

127 46.4 37.6 56.4

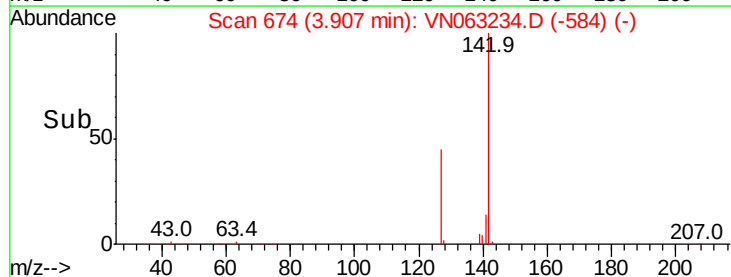
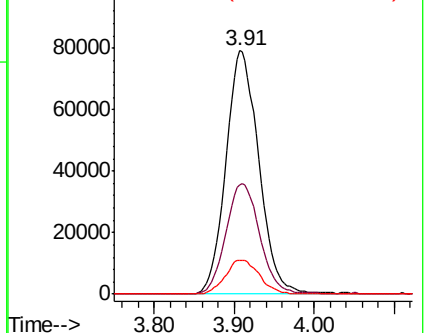
141 14.4 11.3 16.9

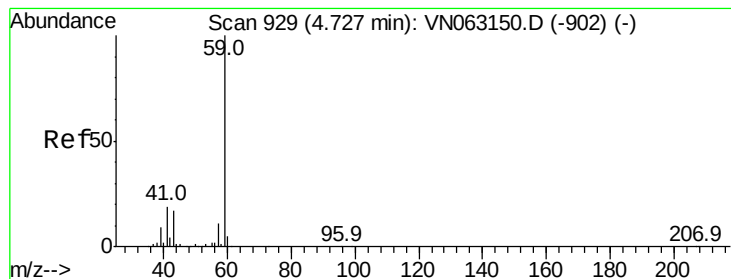


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



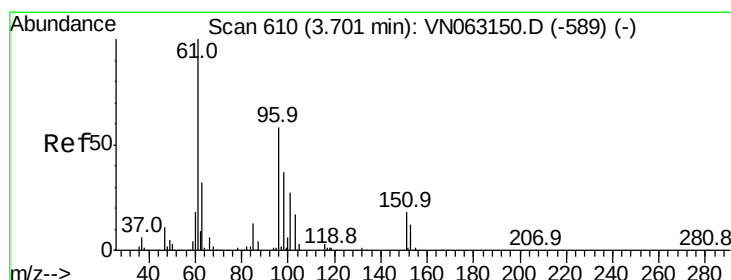
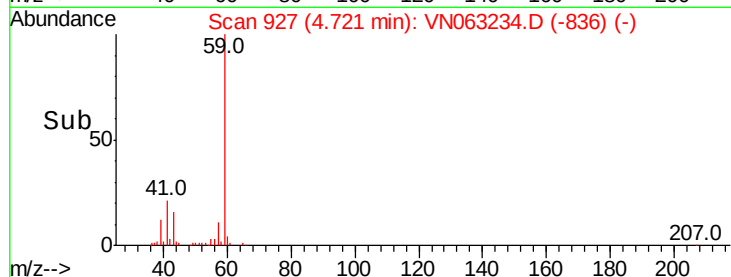
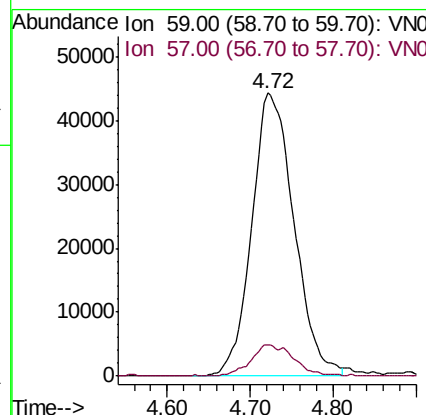
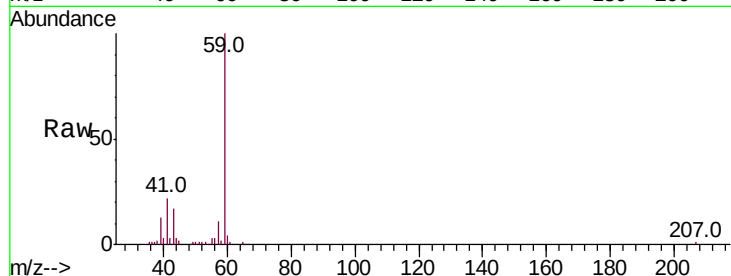


#11

Tert butyl alcohol
 Concen: 221.215 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

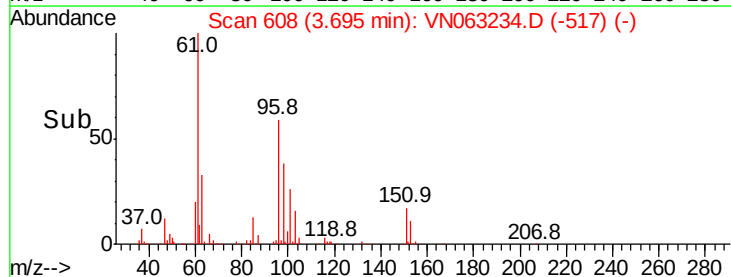
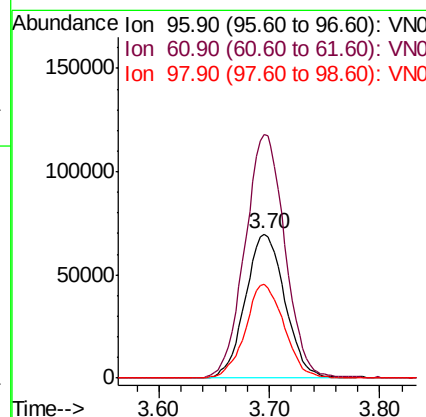
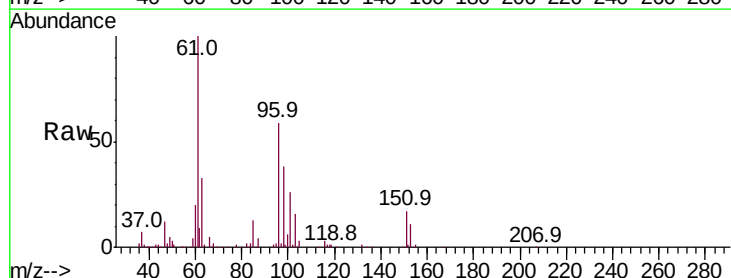
Tot Ion: 59 Resp: 156580
 Ion Ratio Lower Upper
 59 100
 57 6.9 8.4 12.6#

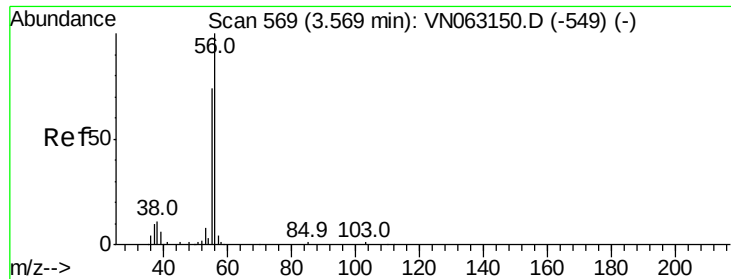


#12

1,1-Dichloroethene
 Concen: 44.808 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 96 Resp: 173415
 Ion Ratio Lower Upper
 96 100
 61 169.1 137.4 206.2
 98 64.7 50.5 75.7





#13

Acrolein

Concen: 191.650 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

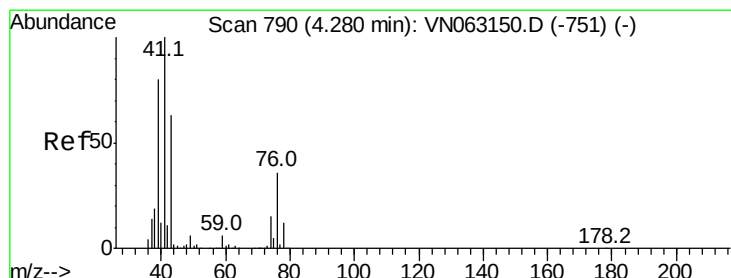
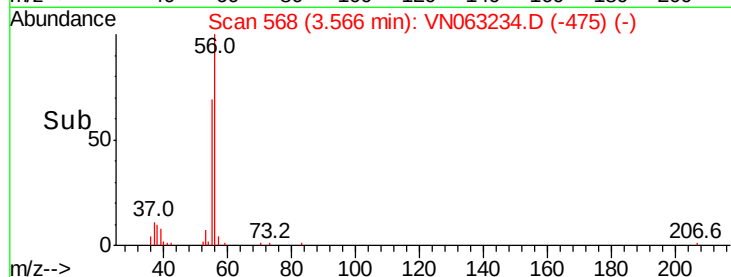
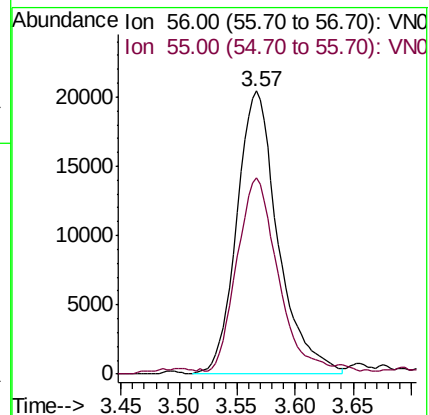
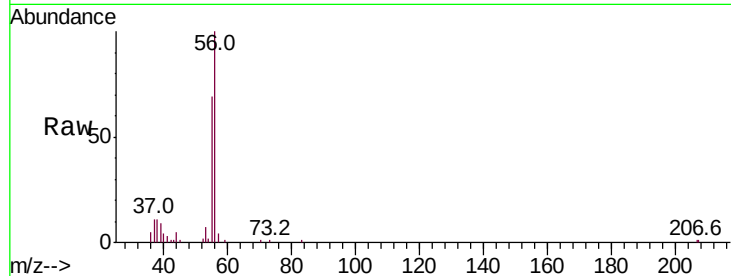
VSTDCCC050

Tot Ion: 56 Resp: 50587

Ion Ratio Lower Upper

56 100

55 66.4 55.4 83.0



#14

Allyl chloride

Concen: 45.467 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

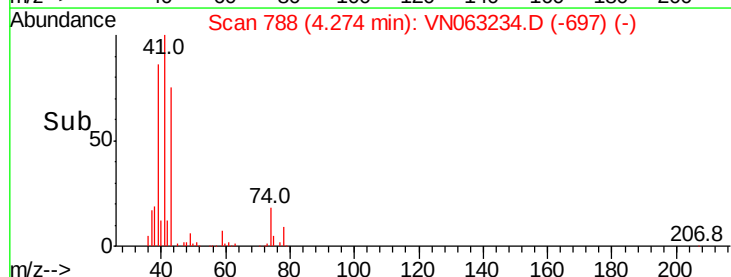
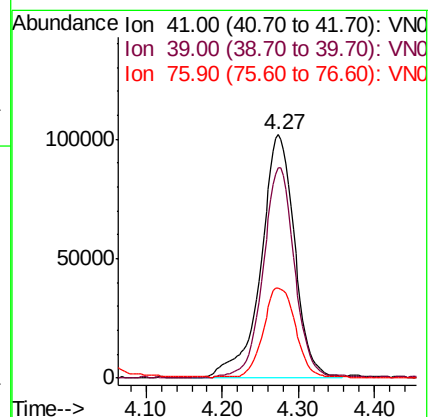
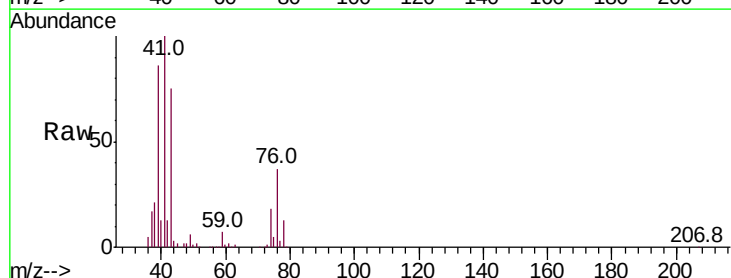
Tgt Ion: 41 Resp: 312513

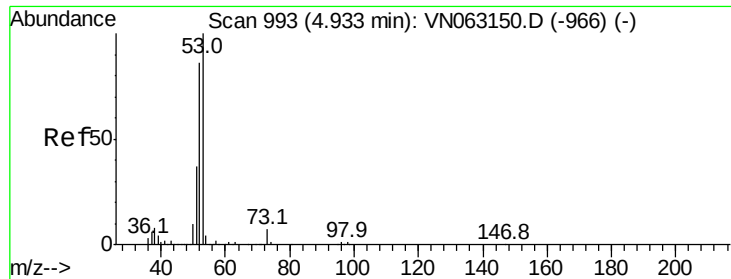
Ion Ratio Lower Upper

41 100

39 80.0 60.2 90.2

76 34.0 27.7 41.5





#15

Acrylonitrile

Concen: 224.669 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

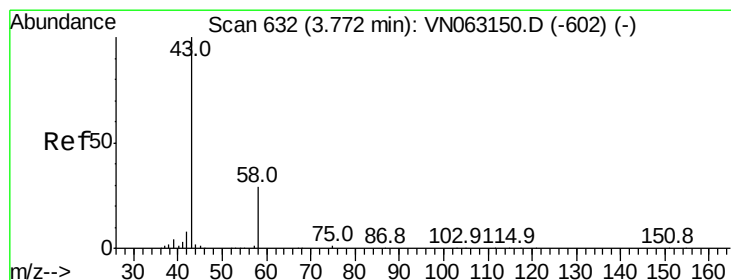
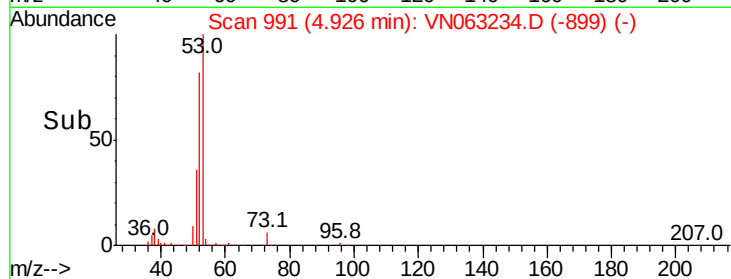
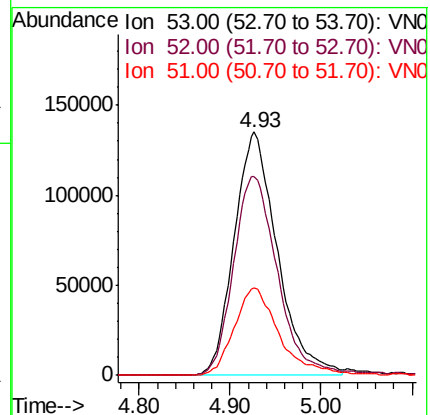
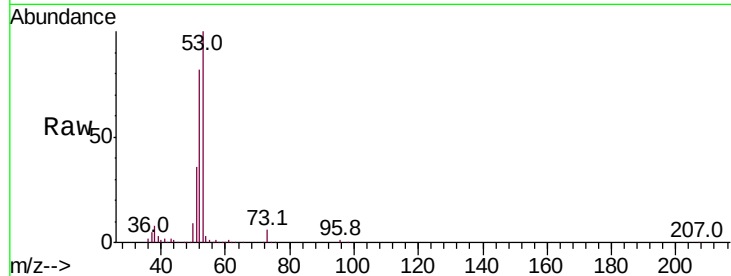
Tot Ion: 53 Resp: 444960

Ion Ratio Lower Upper

53 100

52 82.7 67.2 100.8

51 37.7 30.2 45.4



#16

Acetone

Concen: 274.321 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063234.D

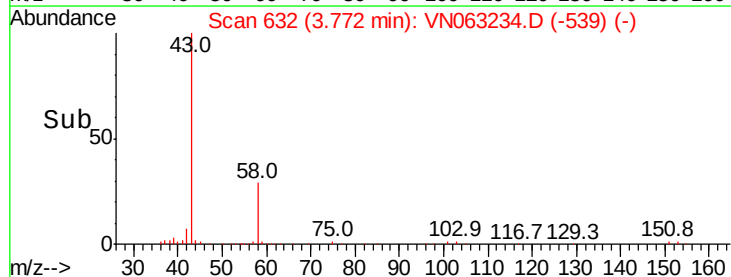
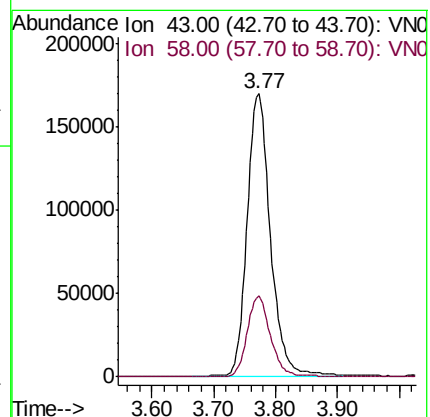
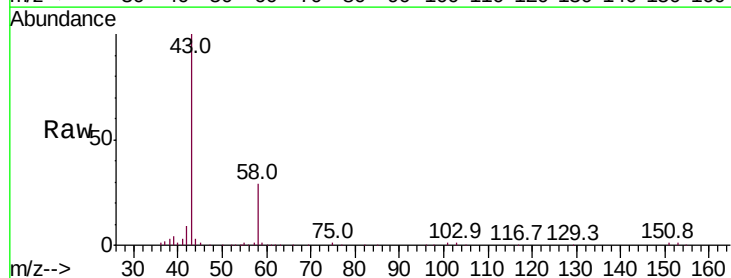
Acq: 4 Sep 2020 9:20

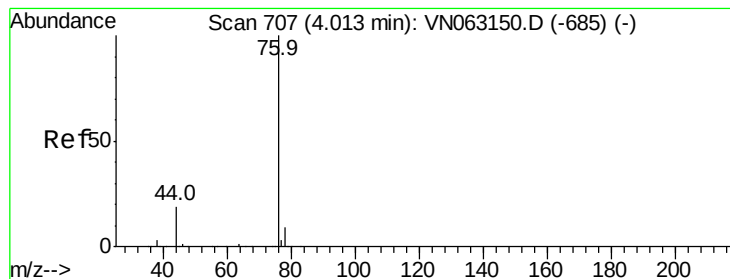
Tgt Ion: 43 Resp: 449671

Ion Ratio Lower Upper

43 100

58 28.6 23.1 34.7





#17

Carbon Disulfide

Concen: 41.713 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

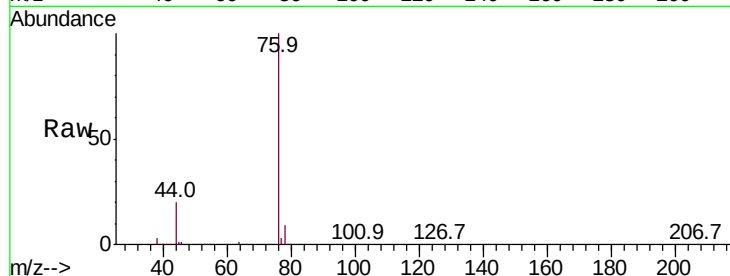
VSTDCCC050

Tot Ion: 76 Resp: 480510

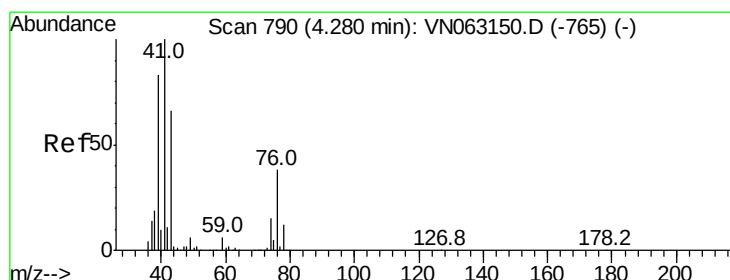
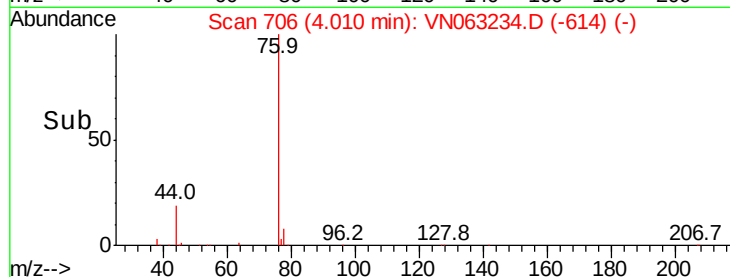
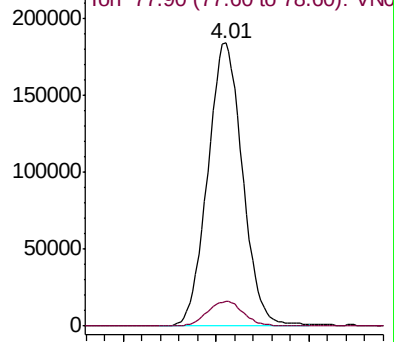
Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063150.D (-685) (-)



#18

Methyl Acetate

Concen: 51.280 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063234.D

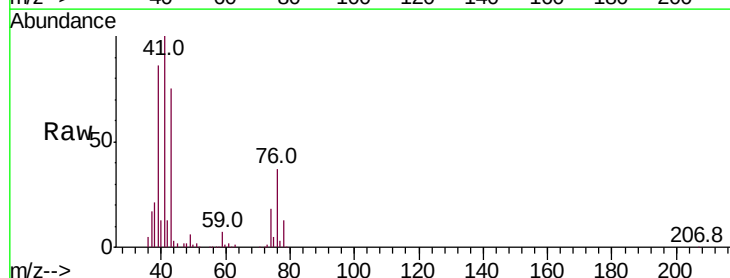
Acq: 4 Sep 2020 9:20

Tgt Ion: 43 Resp: 215532

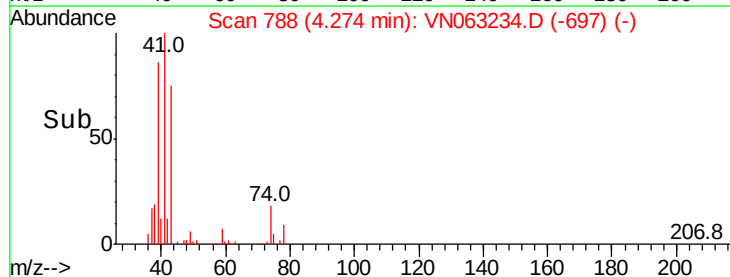
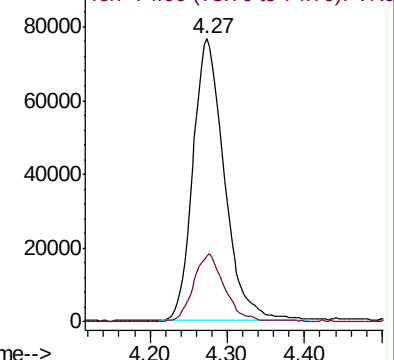
Ion Ratio Lower Upper

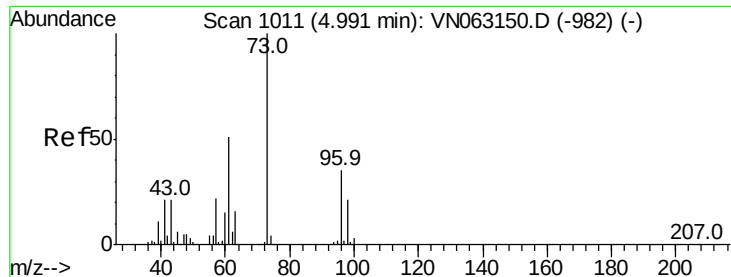
43 100

74 23.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063234.D (-697) (-)

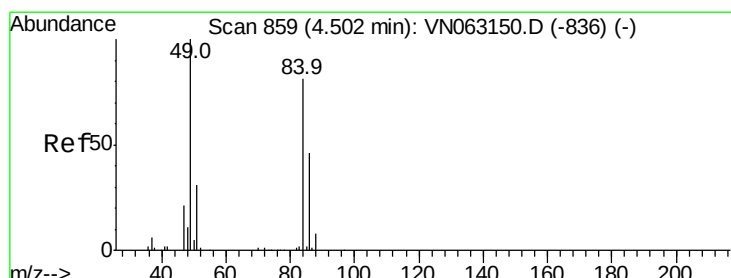
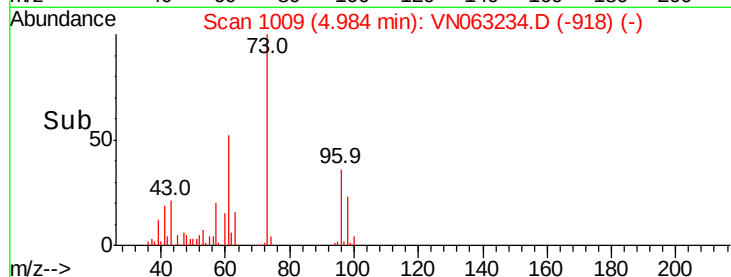
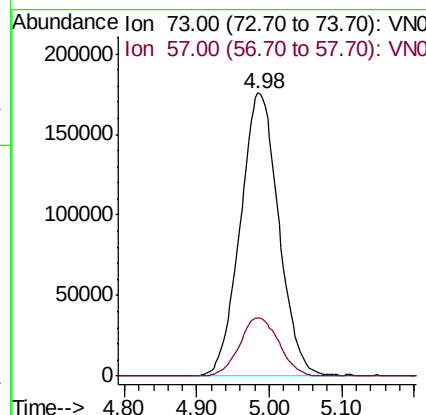
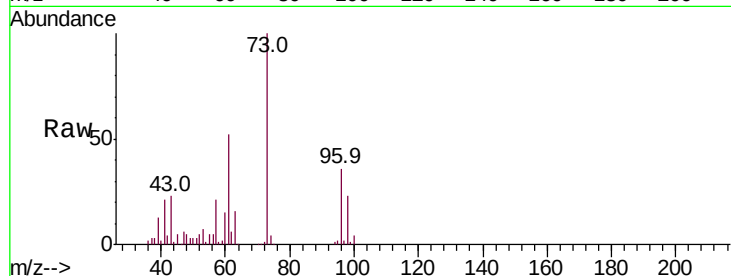




#19
Methvl tert-butvl Ether
Concen: 45.130 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

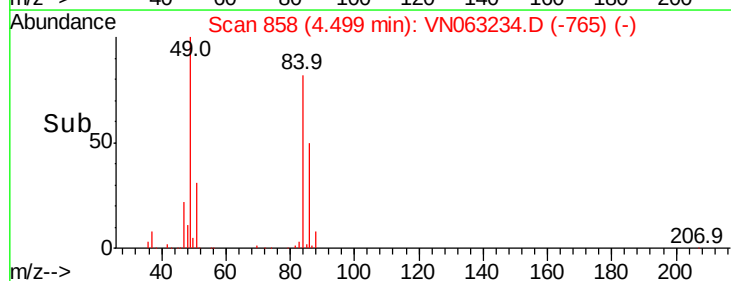
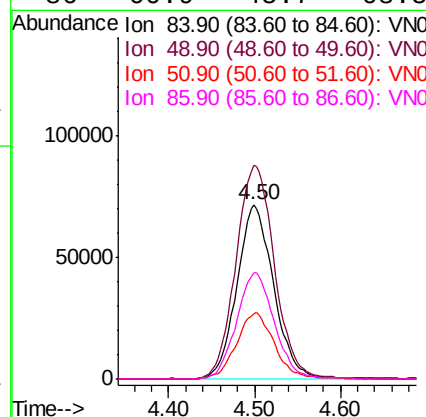
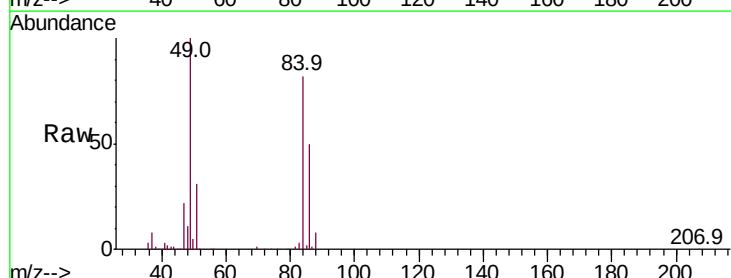
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

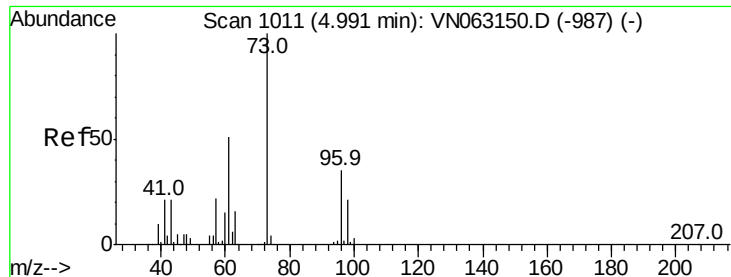
Tot Ion: 73 Resp: 647932
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 46.079 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion: 84 Resp: 212569
Ion Ratio Lower Upper
84 100
49 122.5 98.4 147.6
51 37.5 30.4 45.6
86 60.9 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 48.540 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

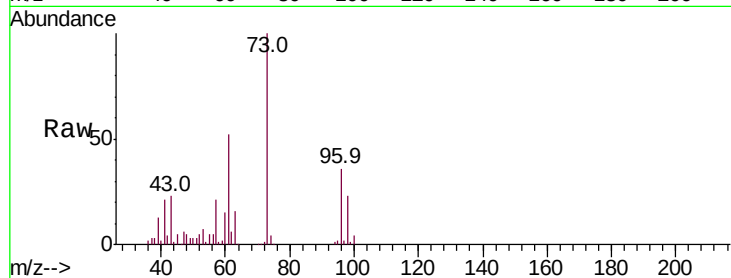
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 207547

Ion	Ratio	Lower	Upper
96	100		
61	144.4	116.2	174.4
98	63.0	48.0	72.0

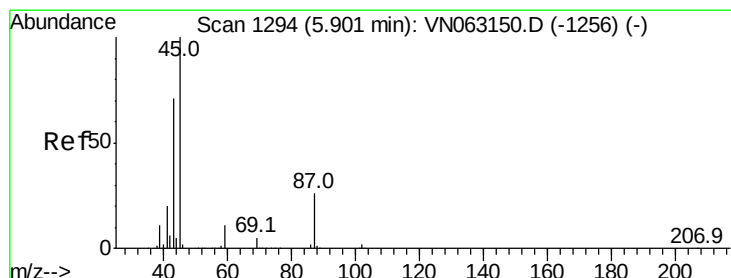
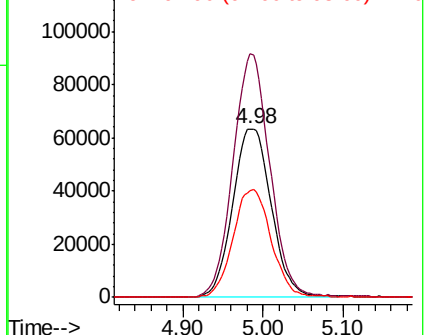
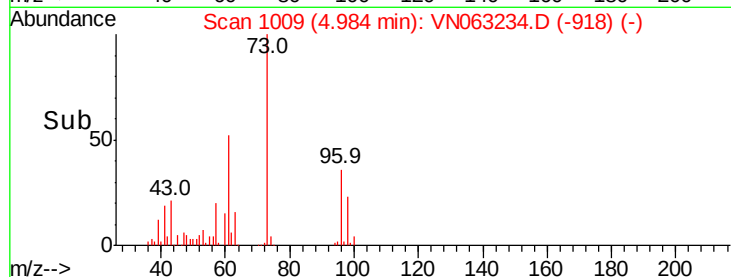


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 45.804 ug/l

RT: 5.89 min Scan# 1292

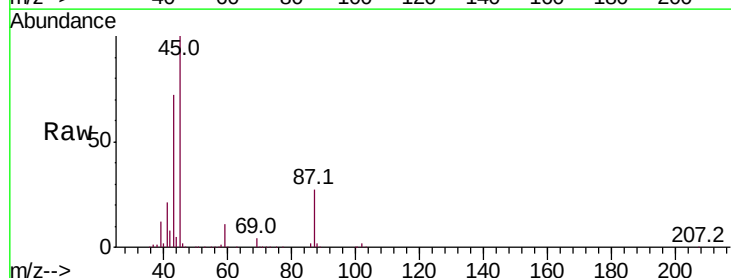
Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Tgt Ion: 45 Resp: 705505

Ion	Ratio	Lower	Upper
45	100		
43	70.3	56.8	85.2
87	27.0	21.1	31.7
59	10.4	8.9	13.3



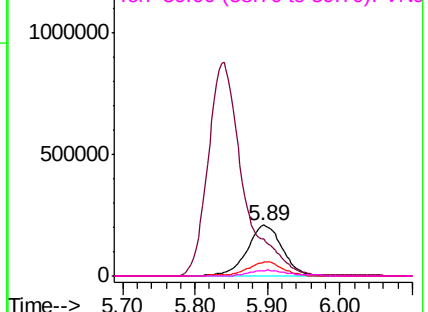
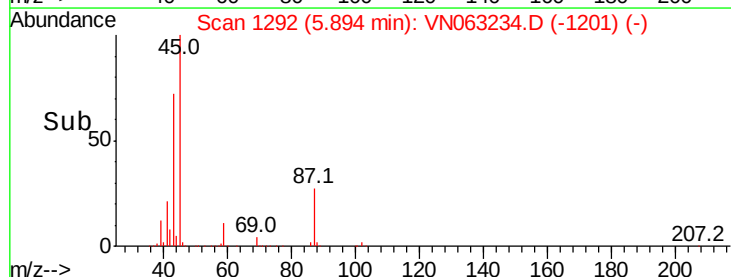
Abundance

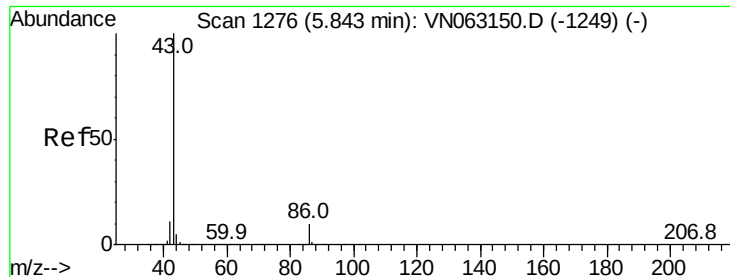
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 240.467 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

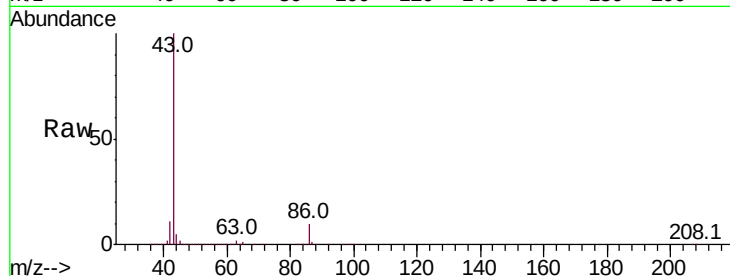
VSTDCCC050

Tot Ion: 43 Resp: 2955377

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

800000

600000

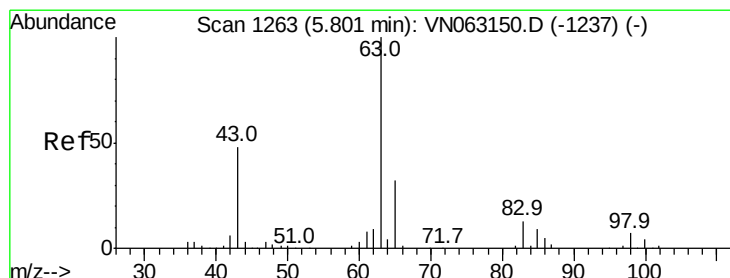
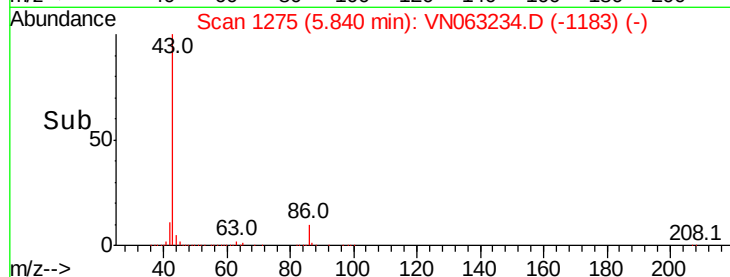
400000

200000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 46.596 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

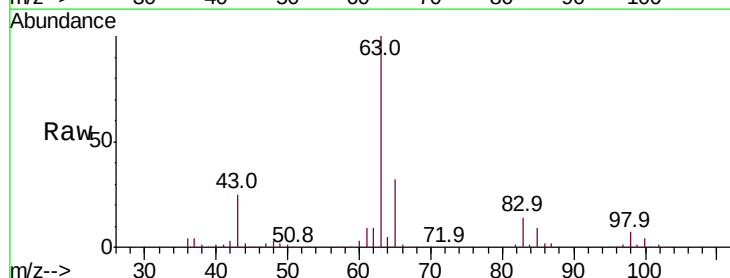
Tgt Ion: 63 Resp: 395658

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

150000

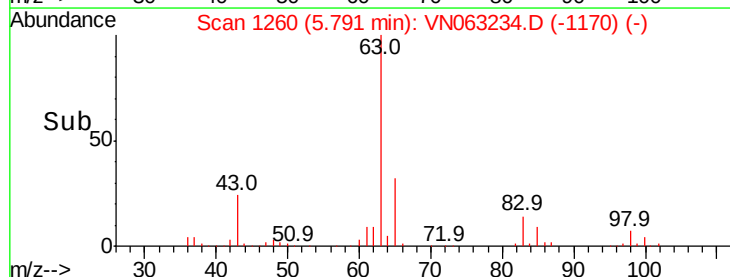
100000

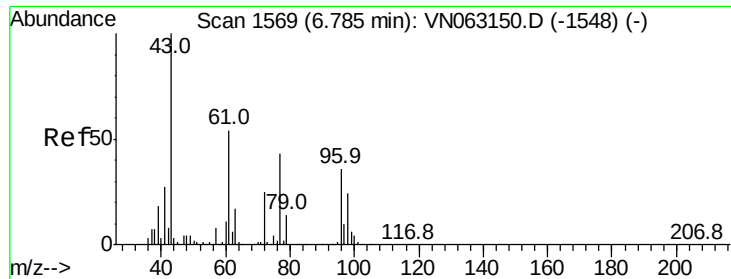
50000

0

Time-->

5.70 5.80 5.90

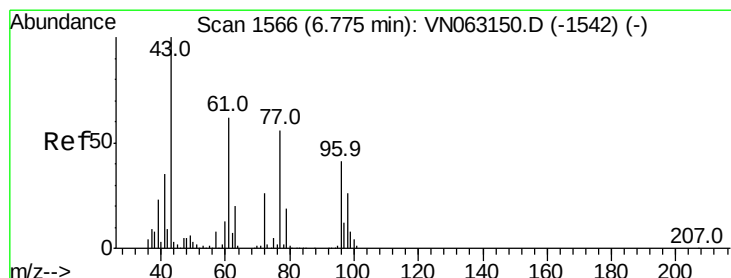
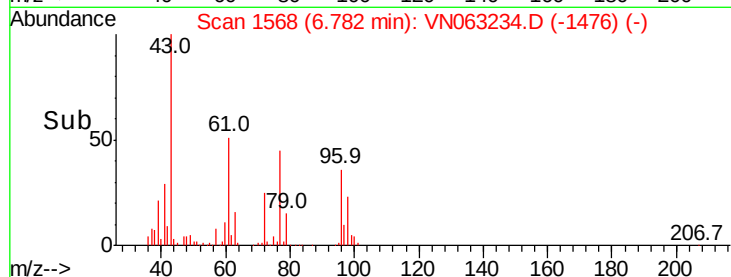
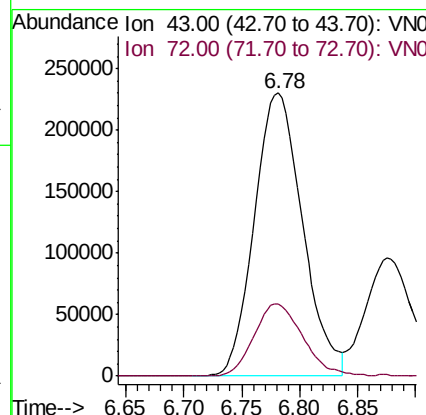
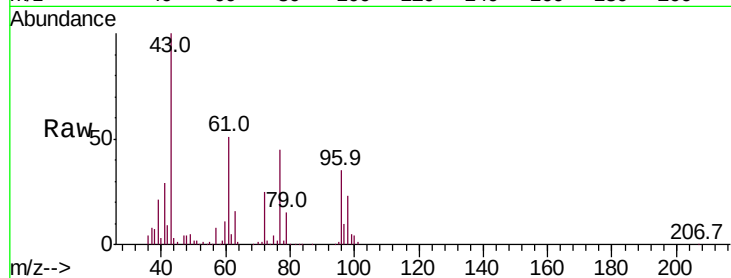




#25
 2-Butanone
 Concen: 261.367 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

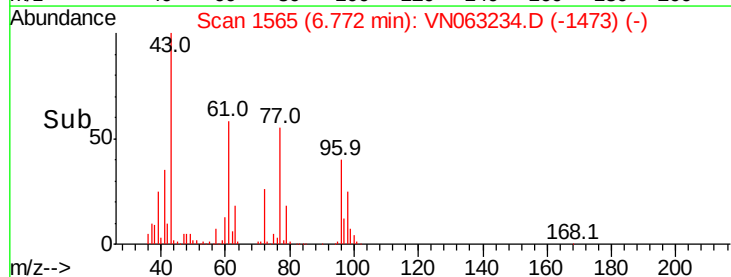
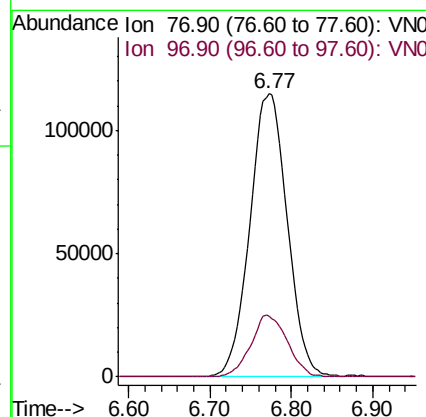
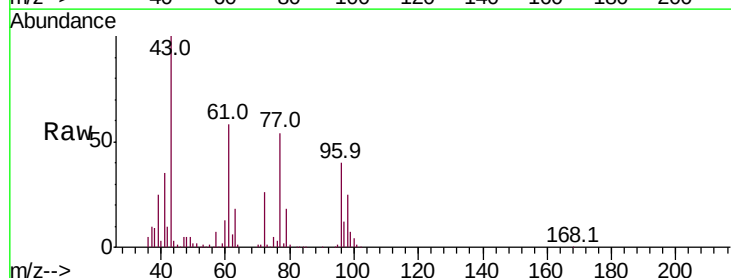
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

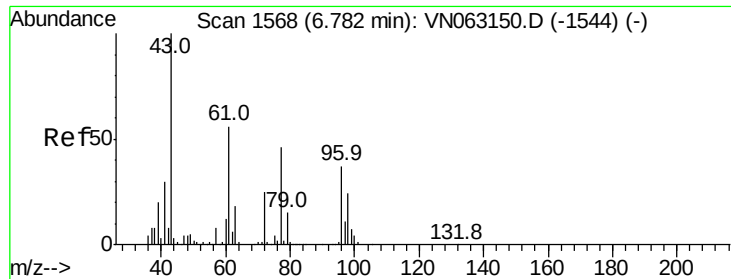
Tot Ion: 43 Resp: 663392
 Ion Ratio Lower Upper
 43 100
 72 25.4 20.2 30.4



#26
 2,2-Dichloropropane
 Concen: 47.371 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 77 Resp: 364442
 Ion Ratio Lower Upper
 77 100
 97 21.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 47.106 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

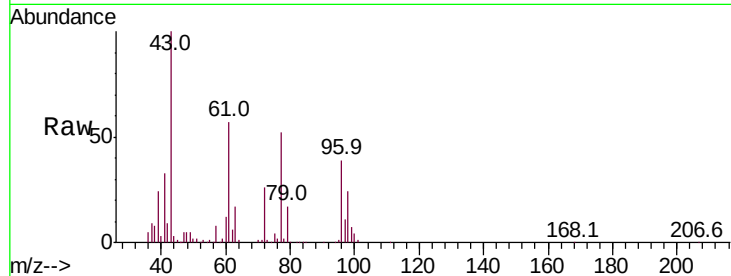
Tot Ion: 96 Resp: 244816

Ion Ratio Lower Upper

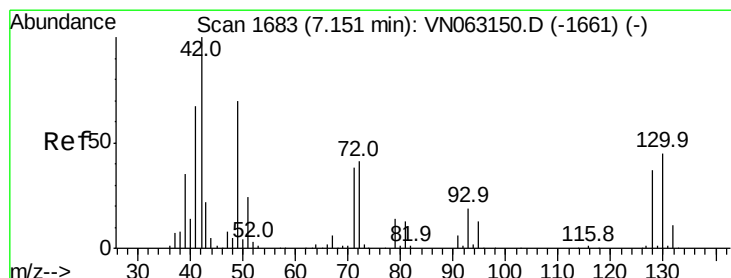
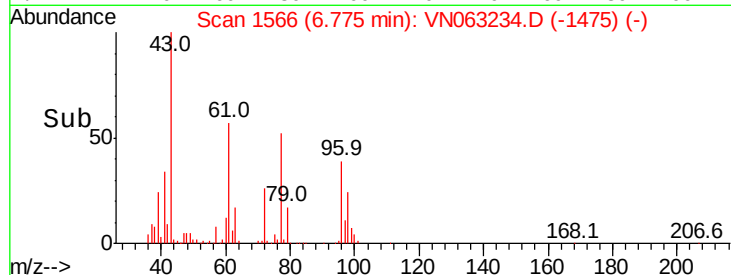
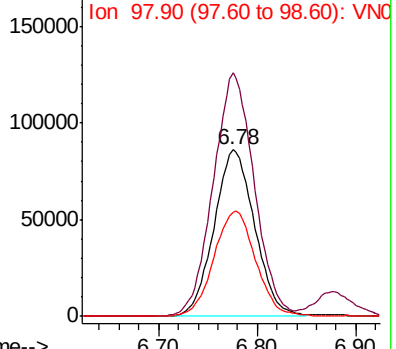
96 100

61 147.6 0.0 303.2

98 65.0 0.0 129.0



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



#28

Bromochloromethane

Concen: 44.935 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

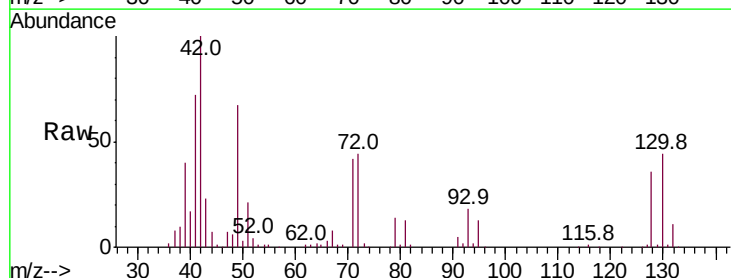
Tgt Ion: 49 Resp: 199344

Ion Ratio Lower Upper

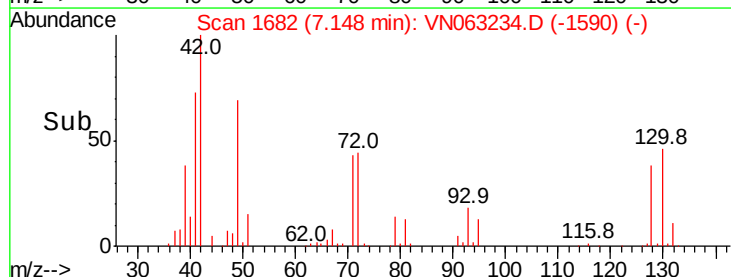
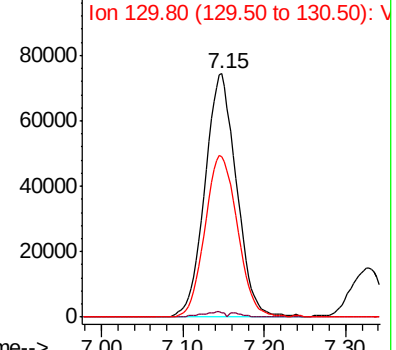
49 100

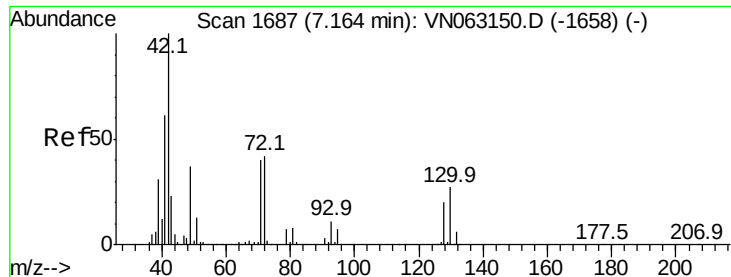
129 1.6 0.0 4.0

130 68.2 54.4 81.6



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: 237.819 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

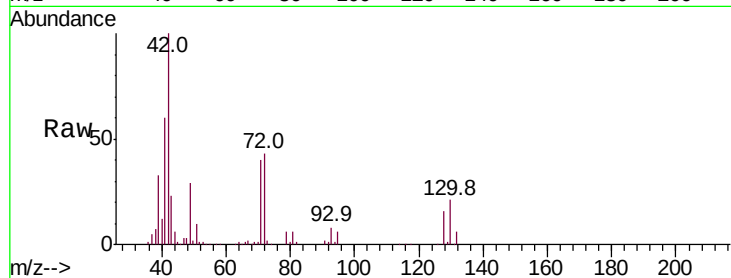
Tot Ion: 42 Resp: 417377

Ion Ratio Lower Upper

42 100

72 43.0 33.9 50.9

71 41.1 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN063234.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN063234.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN063234.D (-1658) (-)

7.16

150000

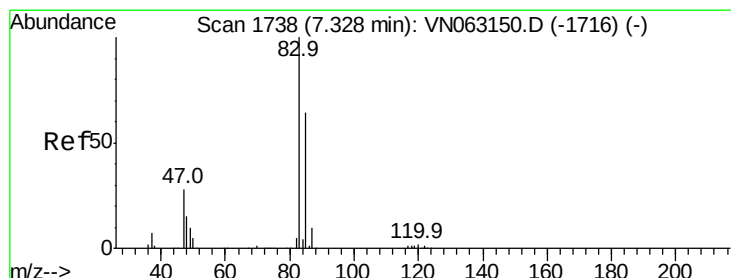
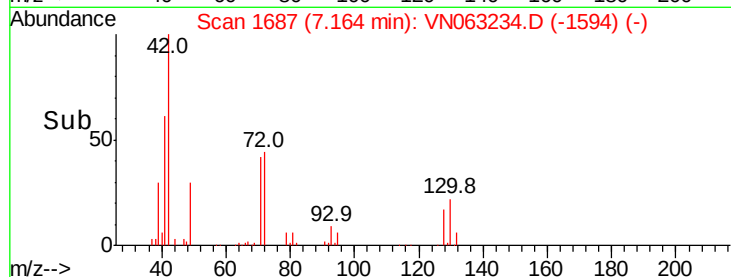
100000

50000

0

7.00 7.10 7.20 7.30

Time-->



#30

Chloroform

Concen: 47.031 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN063234.D

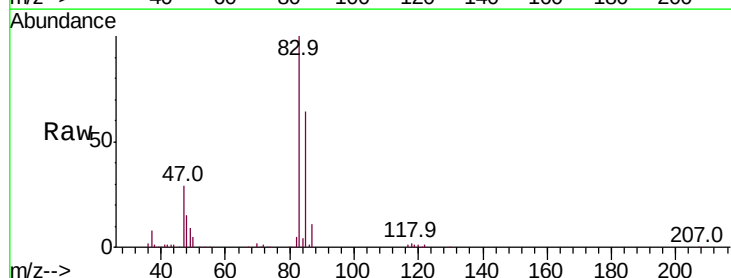
Acq: 4 Sep 2020 9:20

Tgt Ion: 83 Resp: 417817

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN063234.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN063234.D (-1645) (-)

7.33

150000

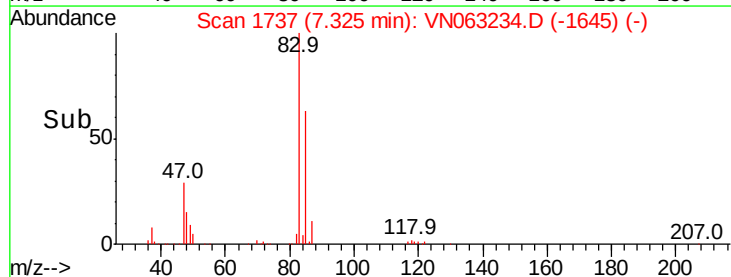
100000

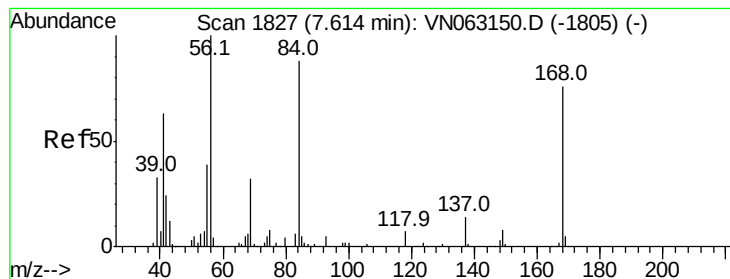
50000

0

7.20 7.30 7.40

Time-->





#31

Cyclohexane

Concen: 44.878 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

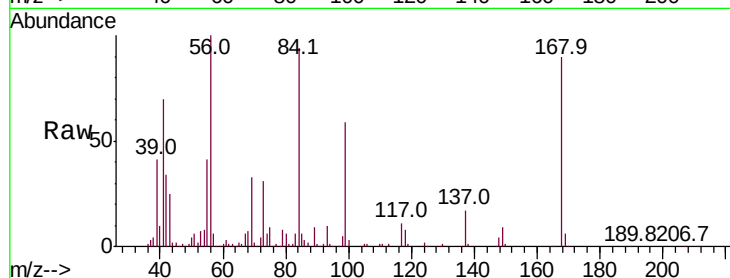
Tot Ion: 56 Resp: 337159

Ion Ratio Lower Upper

56 100

69 32.8 25.4 38.0

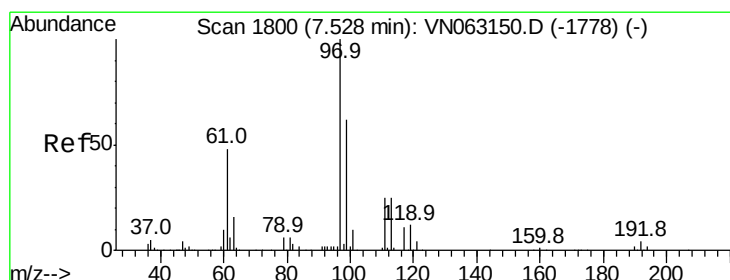
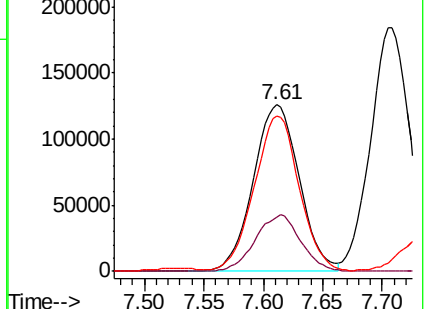
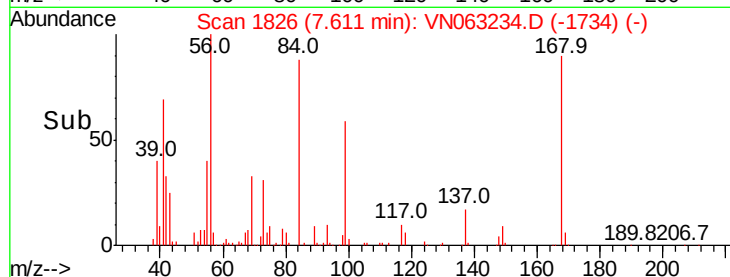
84 92.0 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN063234.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063234.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063234.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 47.642 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

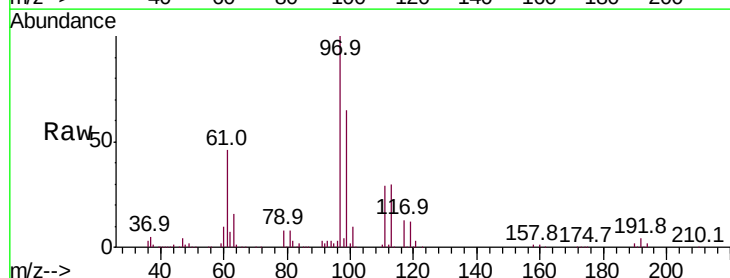
Tgt Ion: 97 Resp: 364714

Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

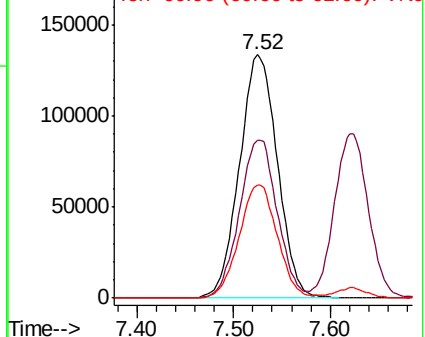
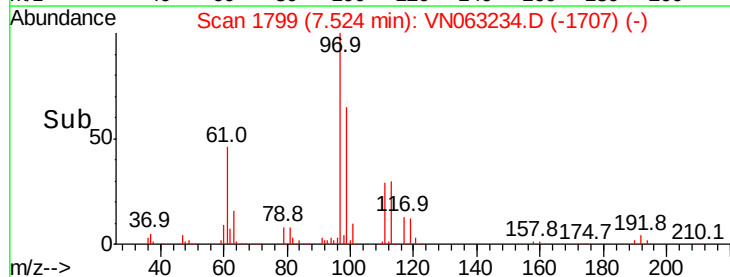
61 46.7 37.4 56.2

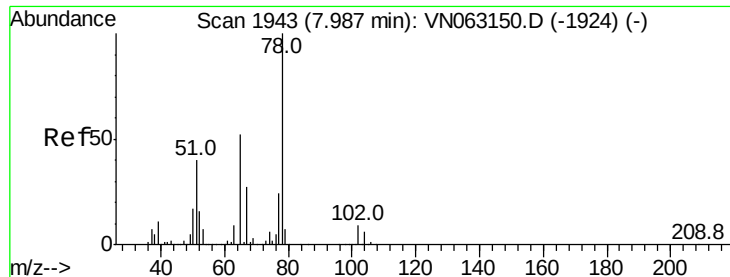


Abundance Ion 96.90 (96.60 to 97.60): VN063234.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063234.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063234.D (-1707) (-)

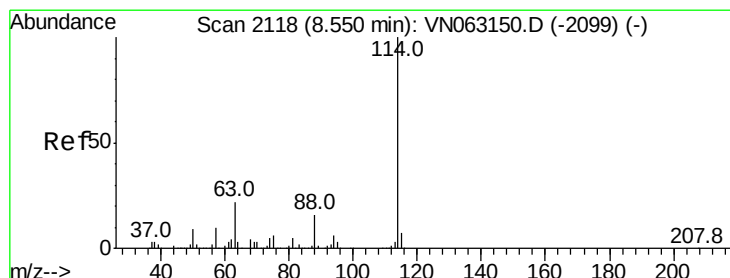
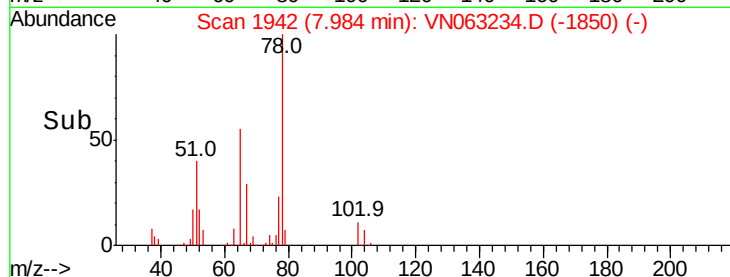
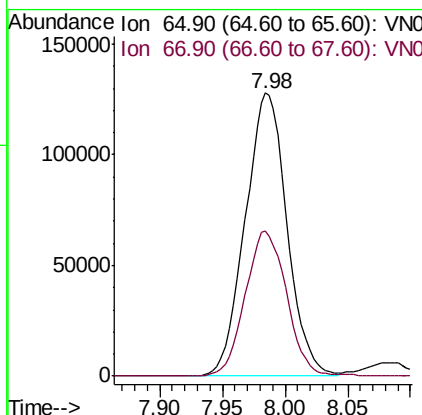
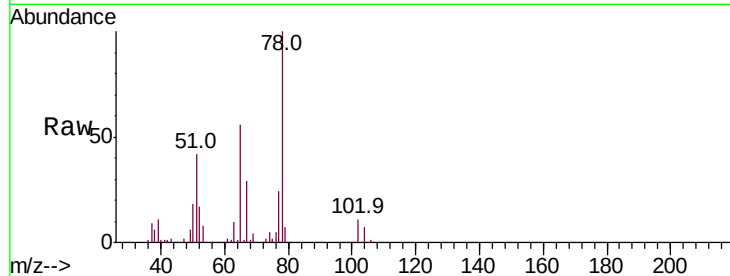




#33
 1,2-Dichloroethane-d4
 Concen: 51.355 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

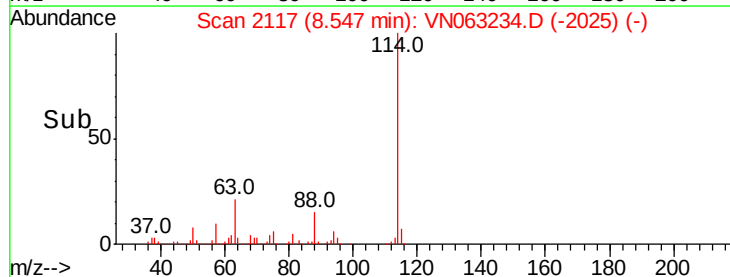
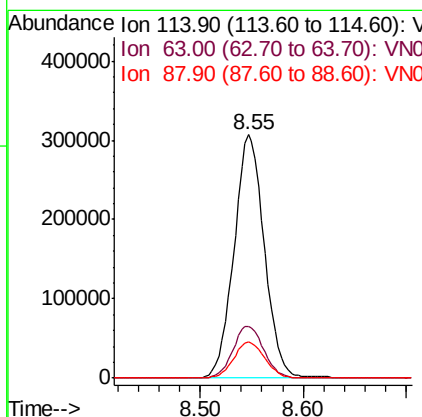
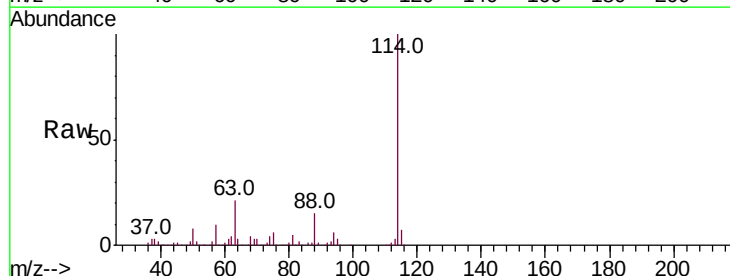
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

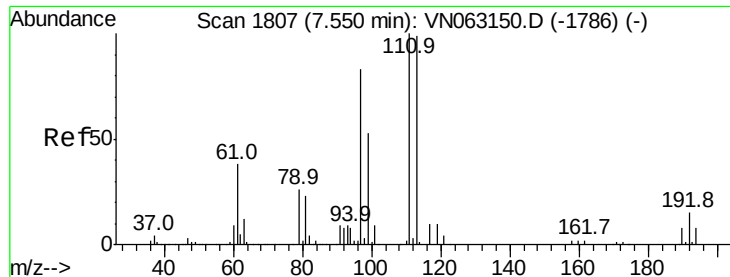
Tot Ion: 65 Resp: 296130
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 114 Resp: 627316
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.0
 88 14.7 0.0 31.6

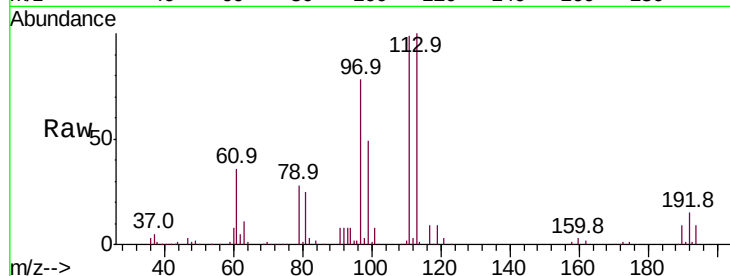




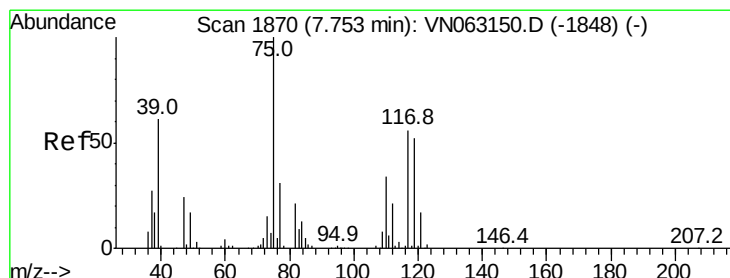
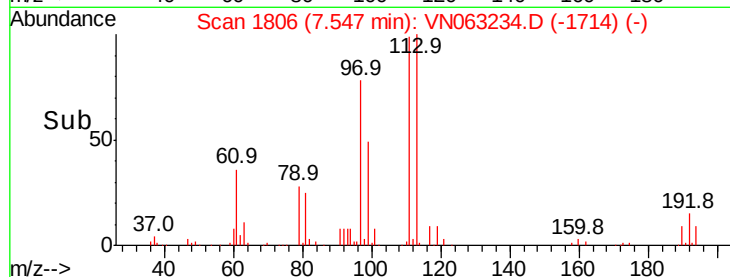
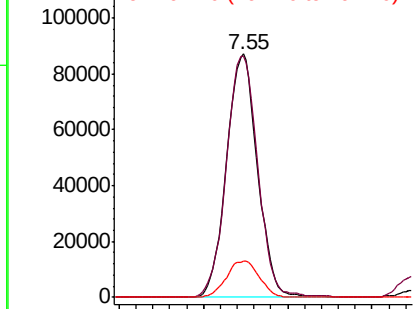
#35
Dibromofluoromethane
Concen: 55.356 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 222782
Ion Ratio Lower Upper
113 100
111 101.2 80.7 121.1
192 15.8 12.6 19.0

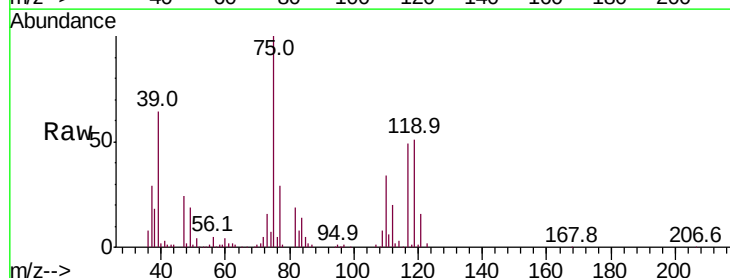


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

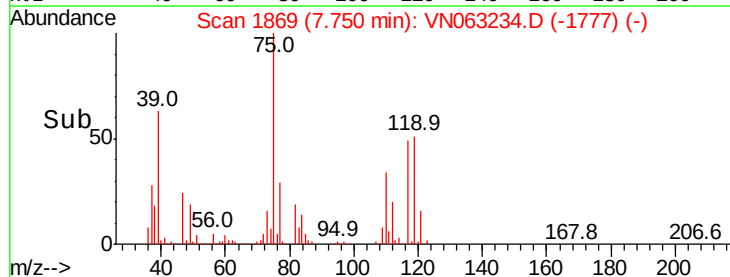
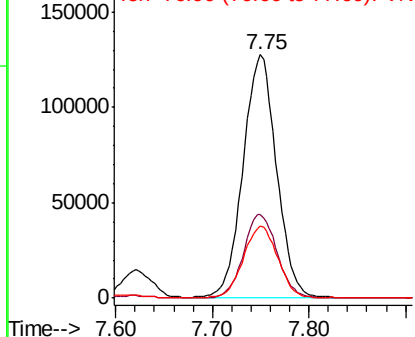


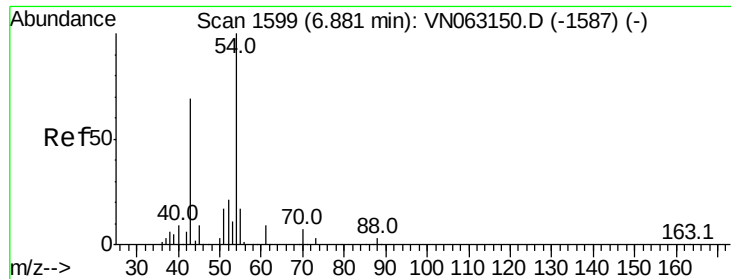
#36
1,1-Dichloropropene
Concen: 50.721 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion: 75 Resp: 305880
Ion Ratio Lower Upper
75 100
110 34.6 16.6 49.8
77 30.7 25.4 38.2



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

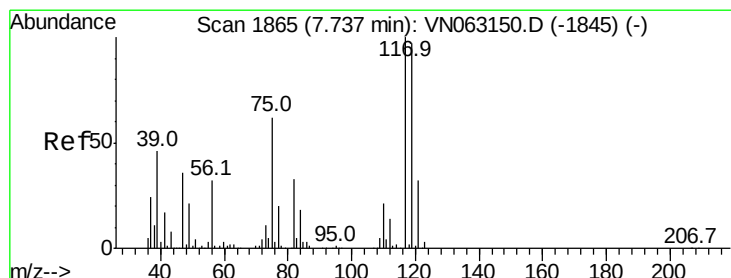
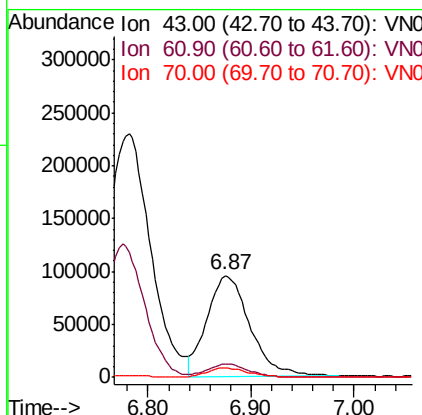
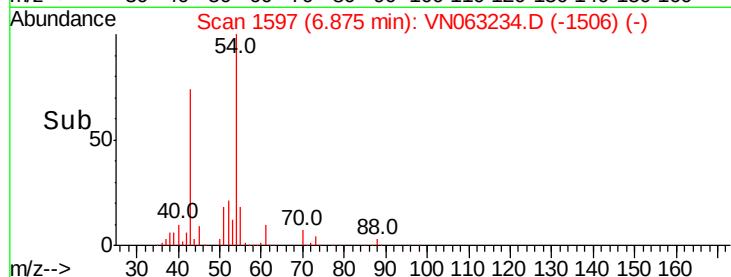
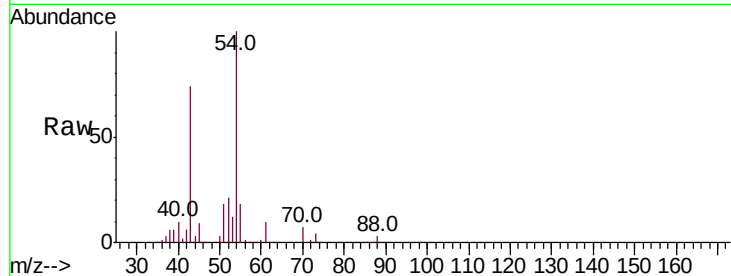




#37
Ethyl Acetate
Concen: 48.337 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

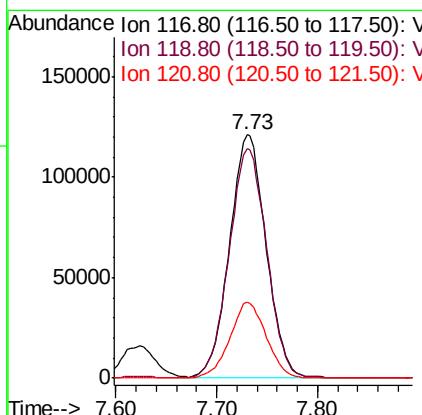
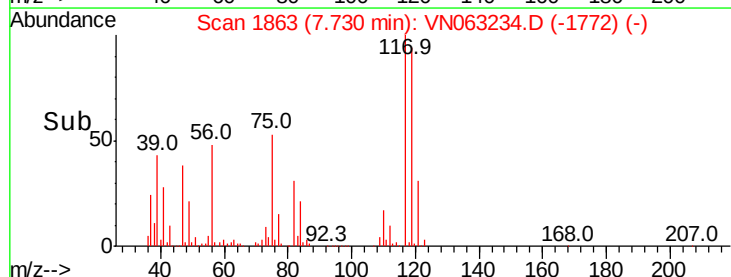
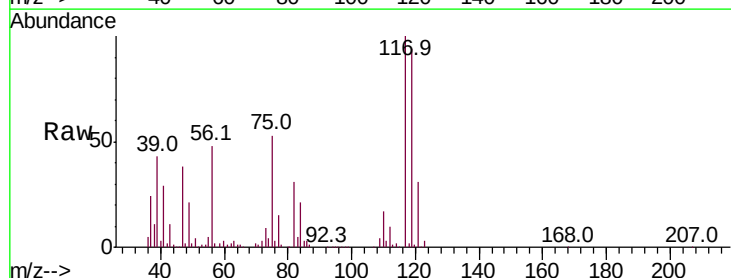
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

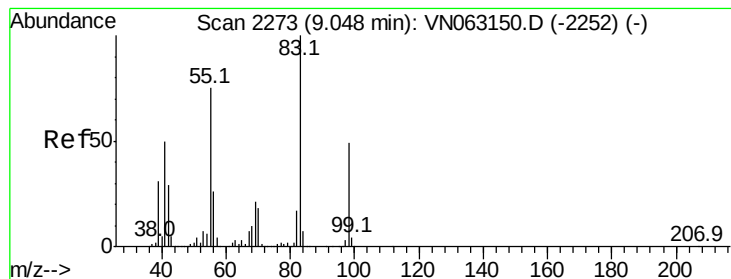
Tot Ion: 43 Resp: 275188
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.4
70 9.1 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 49.715 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion: 117 Resp: 304054
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8
121 31.4 25.6 38.4





#39

Methylvlcyclohexane

Concen: 51.121 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

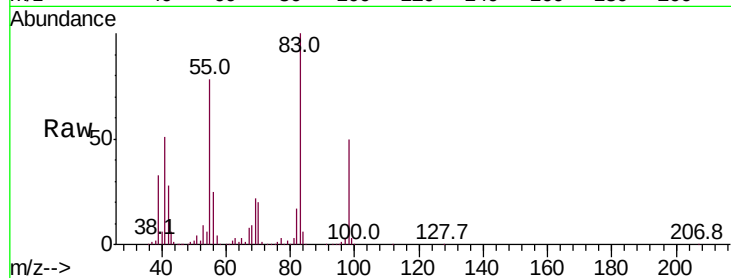
Tot Ion: 83 Resp: 346348

Ion Ratio Lower Upper

83 100

55 77.8 60.3 90.5

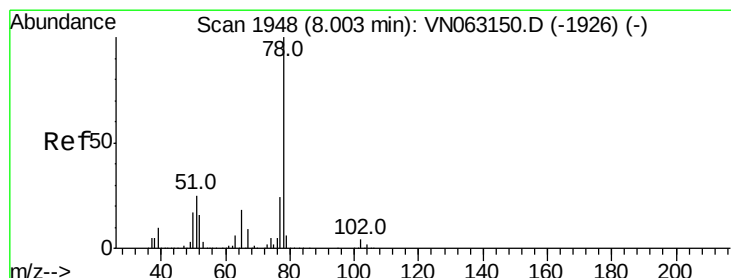
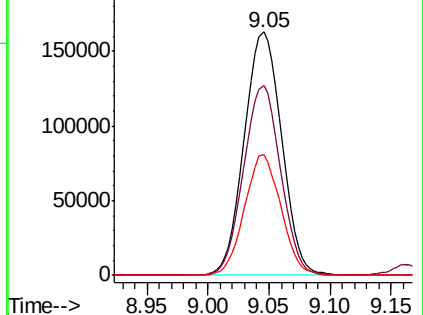
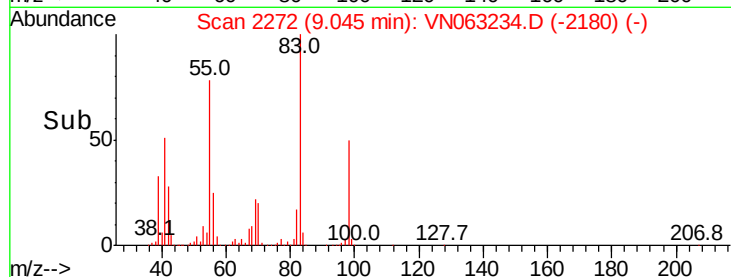
98 49.7 38.9 58.3



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 51.138 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063234.D

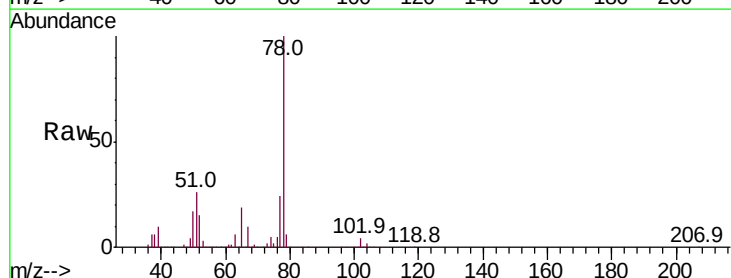
Acq: 4 Sep 2020 9:20

Tgt Ion: 78 Resp: 906273

Ion Ratio Lower Upper

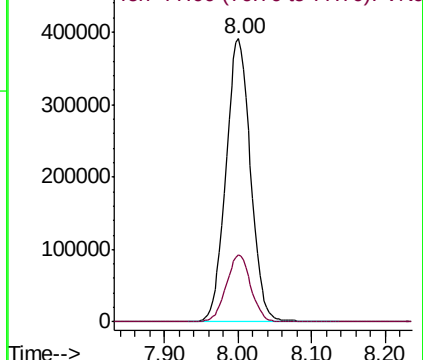
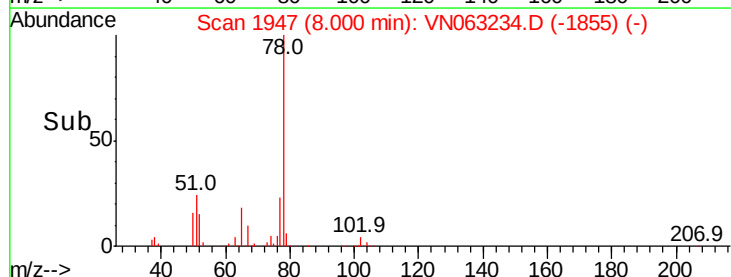
78 100

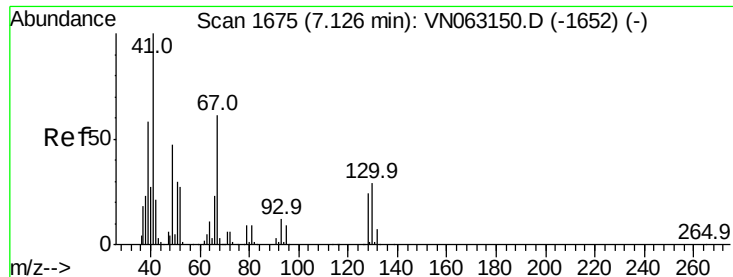
77 23.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

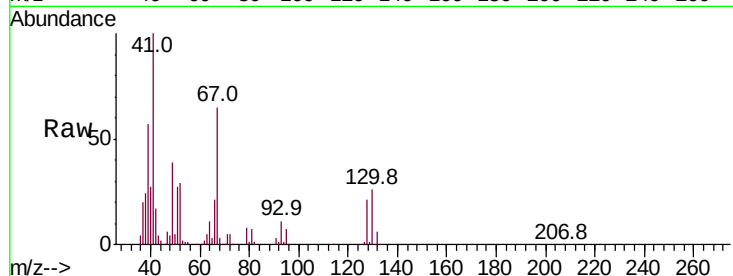




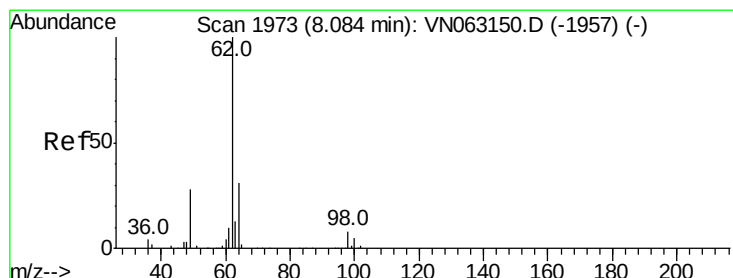
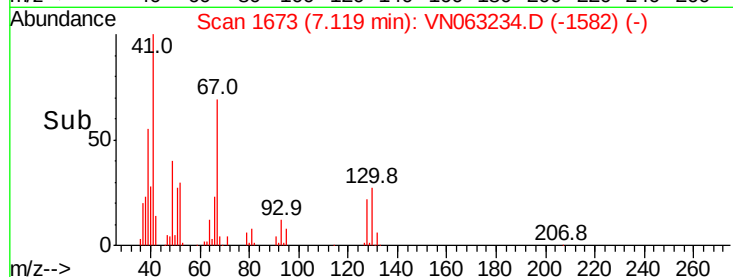
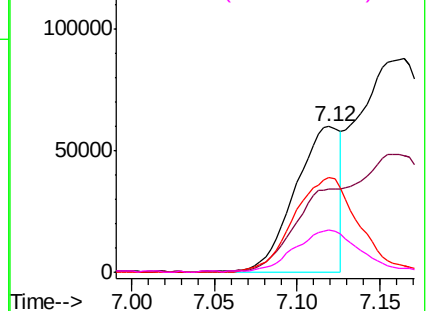
#41
Methacrylonitrile
Concen: 44.072 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	111969
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.6	70.0#
67	94.5	62.6	94.0#
52	41.1	28.0	42.0

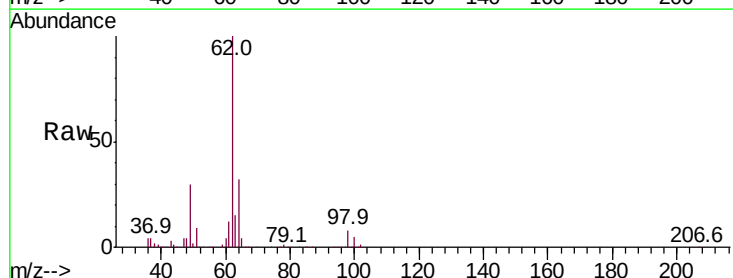


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

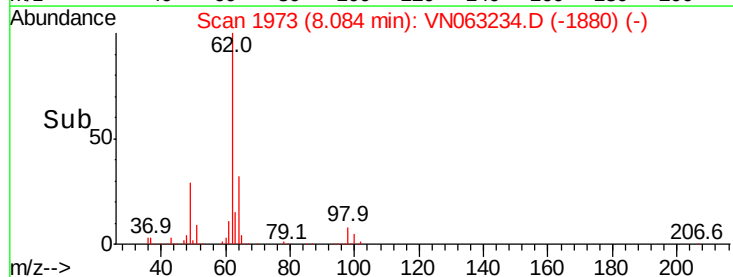
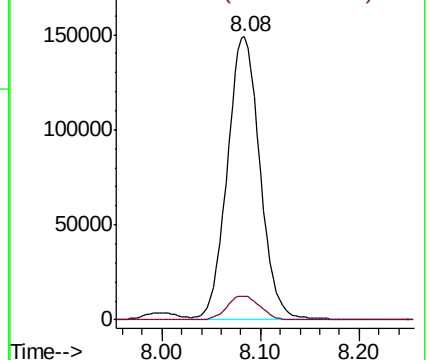


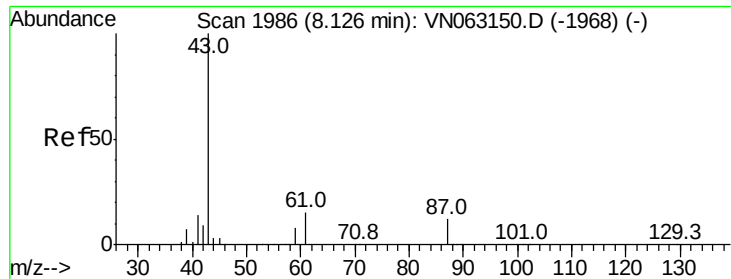
#42
1,2-Dichloroethane
Concen: 51.866 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion:	62	Resp:	343349
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 51.437 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

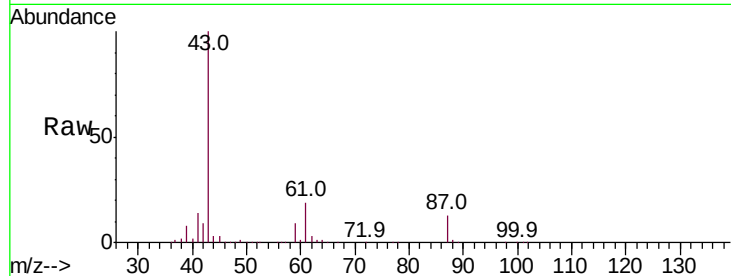
Tot Ion: 43 Resp: 505888

Ion Ratio Lower Upper

43 100

61 25.2 20.2 30.4

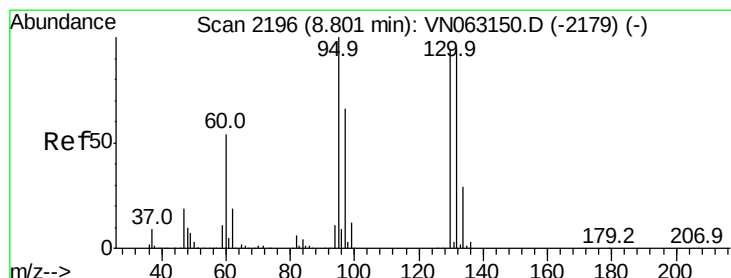
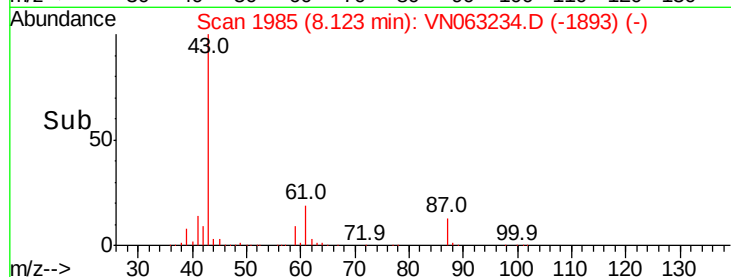
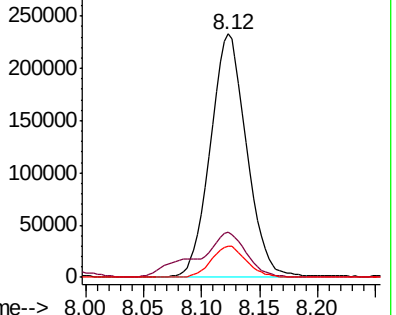
87 12.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#44

Trichloroethene

Concen: 53.543 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063234.D

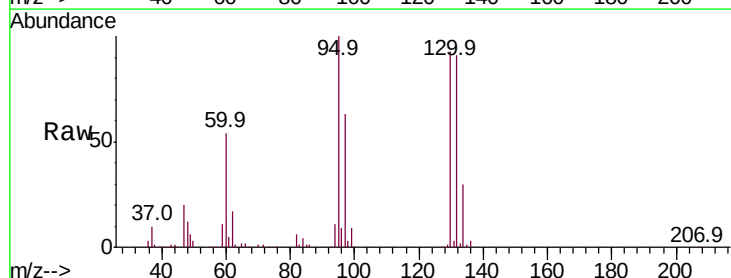
Acq: 4 Sep 2020 9:20

Tgt Ion:130 Resp: 230161

Ion Ratio Lower Upper

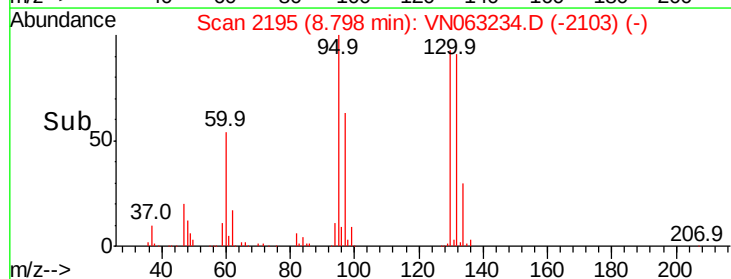
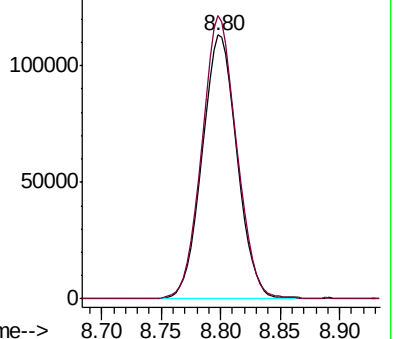
130 100

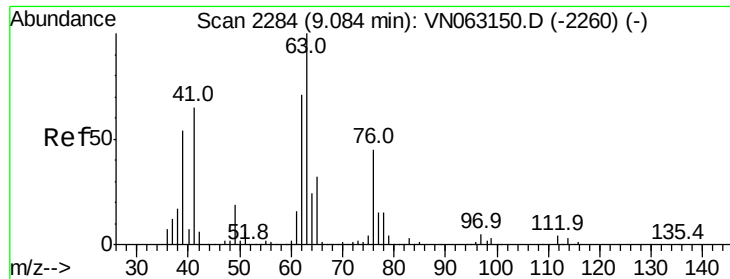
95 107.3 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)

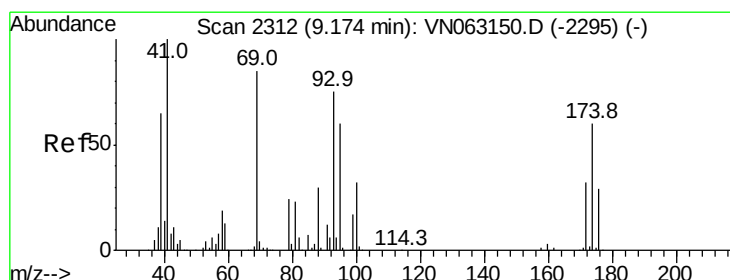
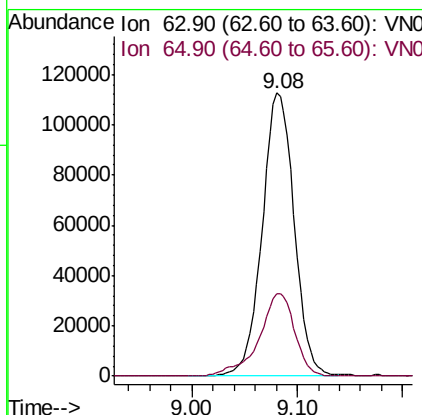
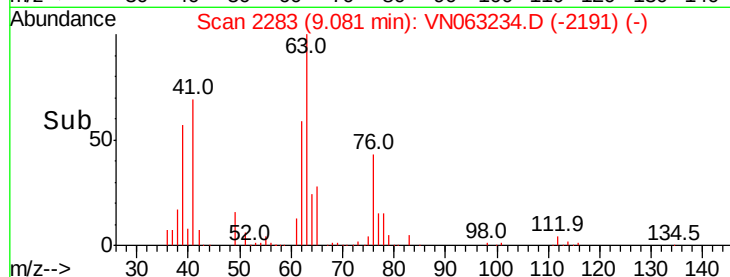
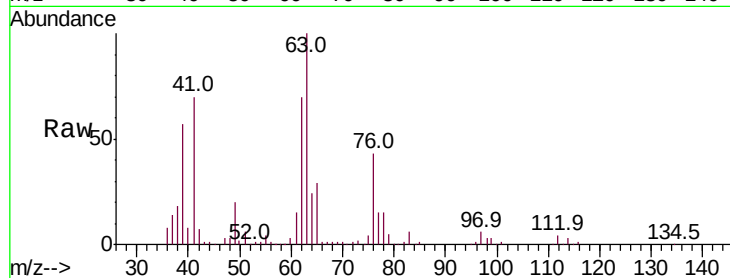




#45
 1,2-Dichloropropane
 Concen: 50.599 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

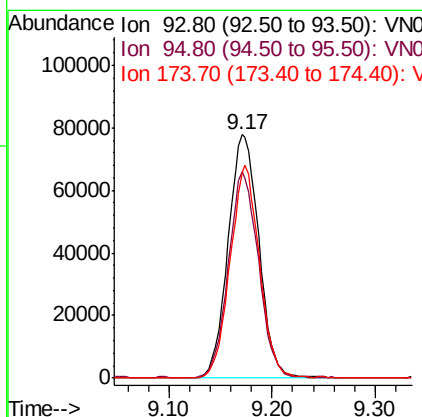
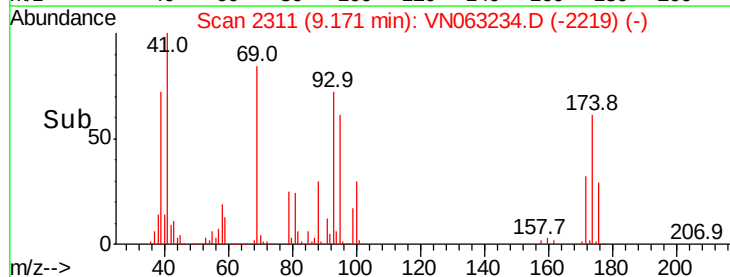
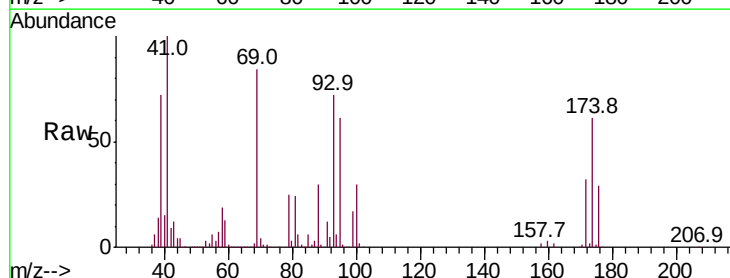
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

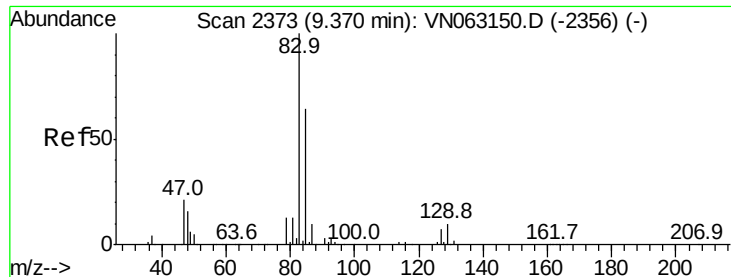
Tot Ion: 63 Resp: 237418
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.4 38.0



#46
 Dibromomethane
 Concen: 52.130 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 93 Resp: 162097
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.2 97.8
 174 83.0 64.6 97.0





#47

Bromodichloromethane

Concen: 51.377 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

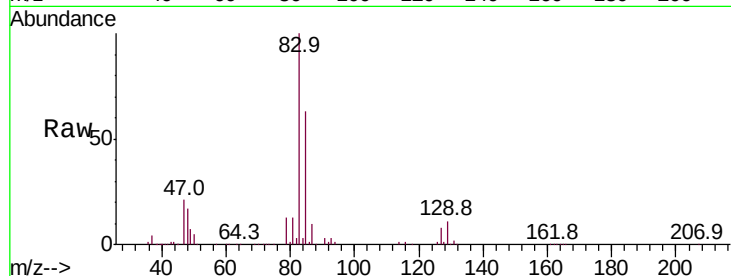
Tot Ion: 83 Resp: 342433

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6

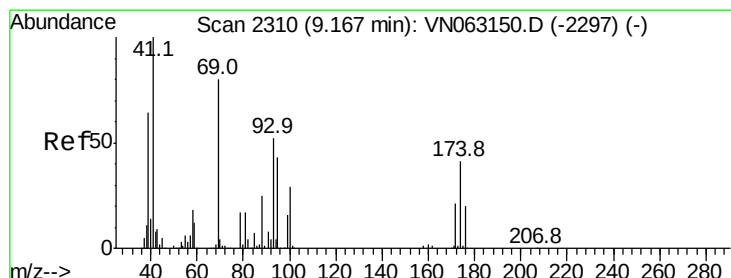
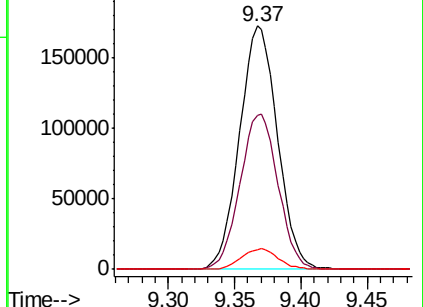
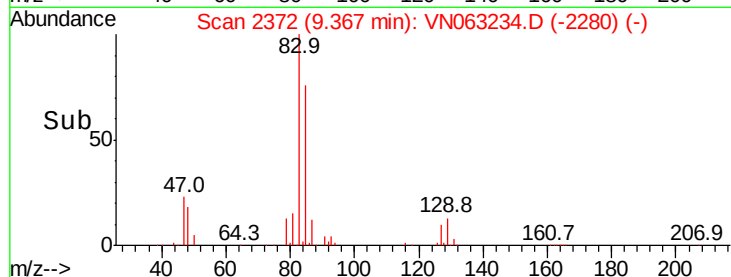
127 8.1 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063150.D (-2356) (-)



#48

Methyl methacrylate

Concen: 50.811 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

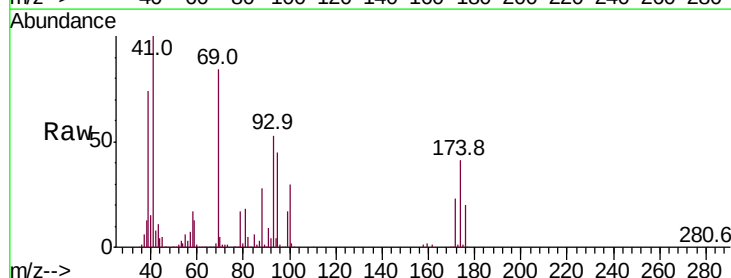
Tgt Ion: 41 Resp: 225281

Ion Ratio Lower Upper

41 100

69 87.2 65.9 98.9

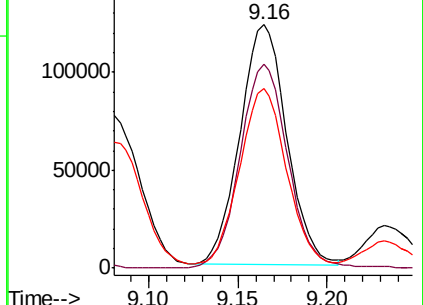
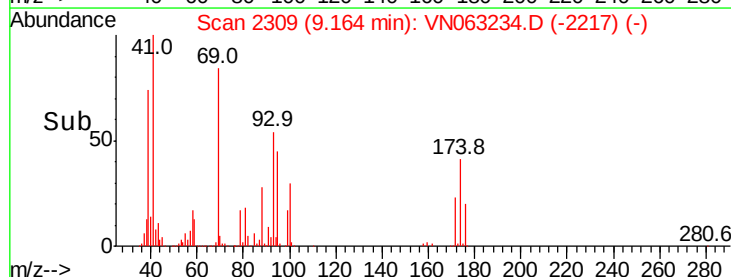
39 75.6 52.0 78.0

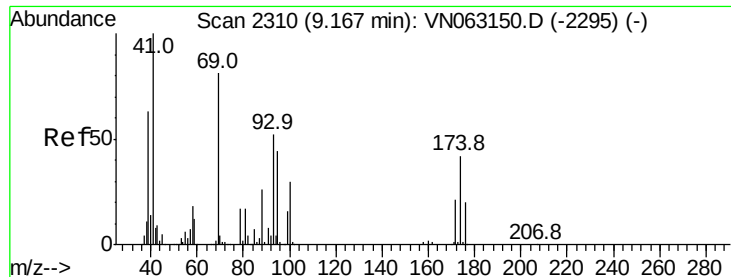


Abundance Ion 41.00 (40.70 to 41.70): VN063150.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063150.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063150.D (-2297) (-)

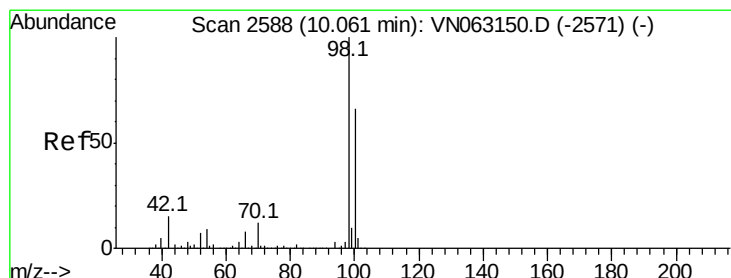
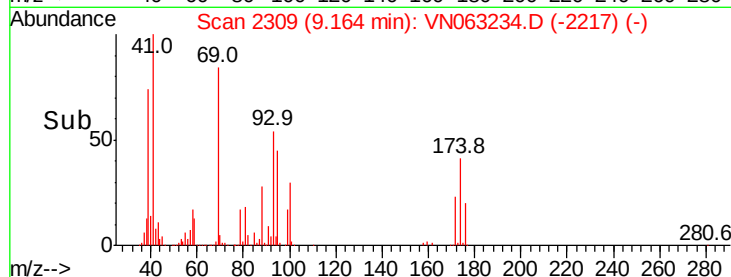
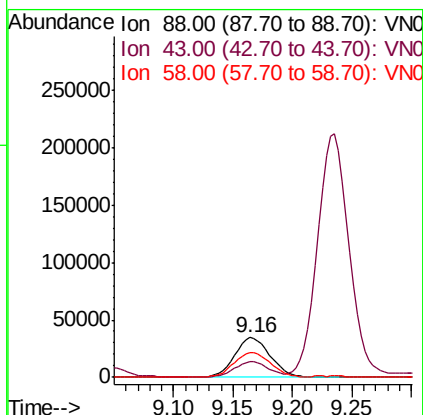
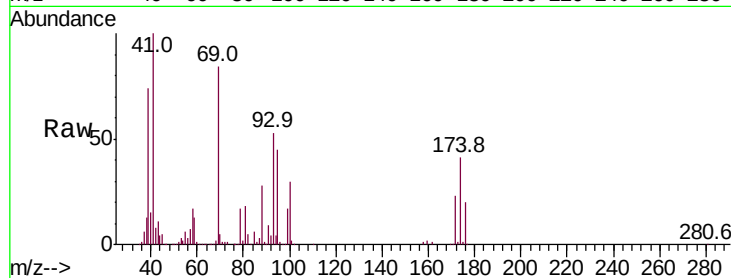




#49
 1,4-Dioxane
 Concen: 1058.759 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

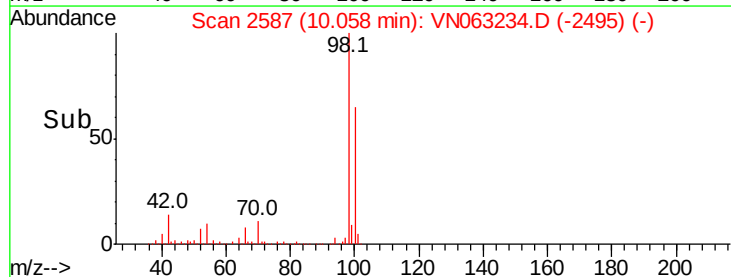
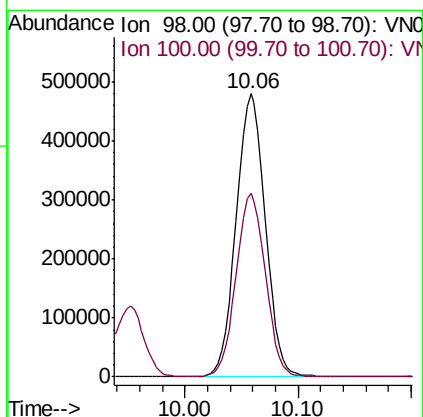
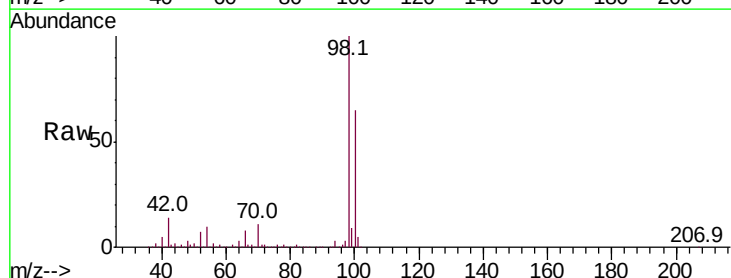
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

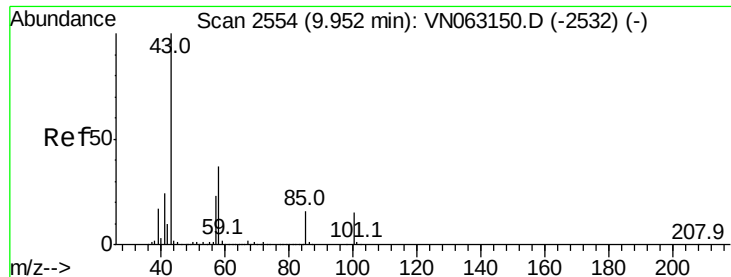
Tot Ion: 88 Resp: 72606
 Ion Ratio Lower Upper
 88 100
 43 35.2 28.6 42.8
 58 64.0 53.2 79.8



#50
 Toluene-d8
 Concen: 55.757 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 98 Resp: 863711
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0

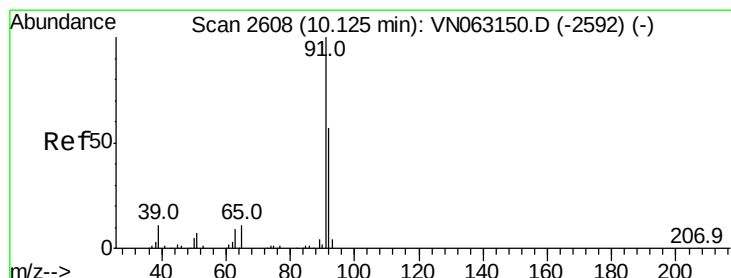
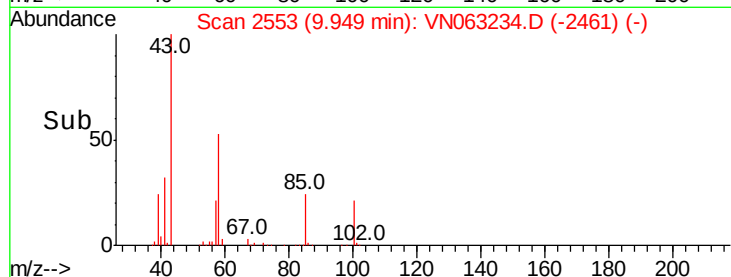
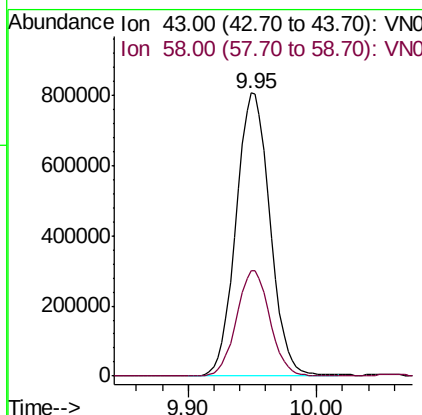
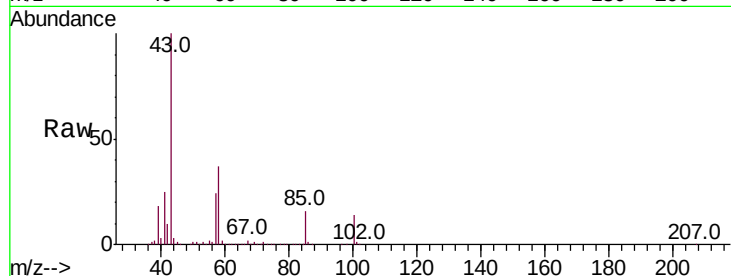




#51
 4-Methyl-2-Pentanone
 Concen: 276.047 ug/l
 RT: 9.95 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

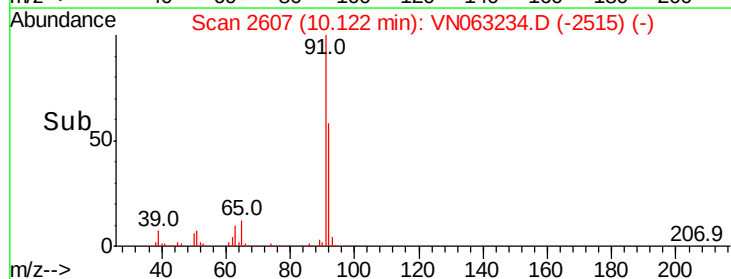
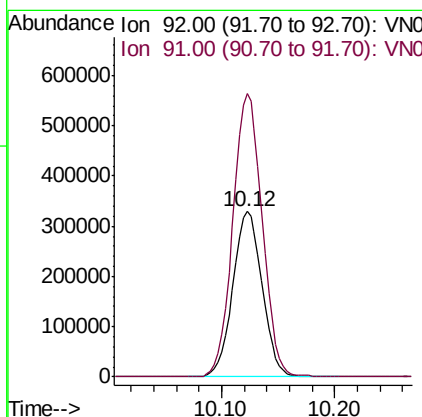
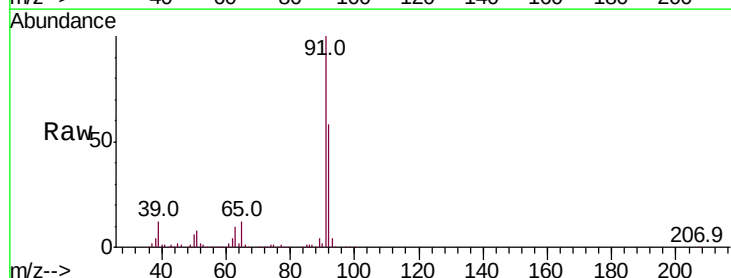
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

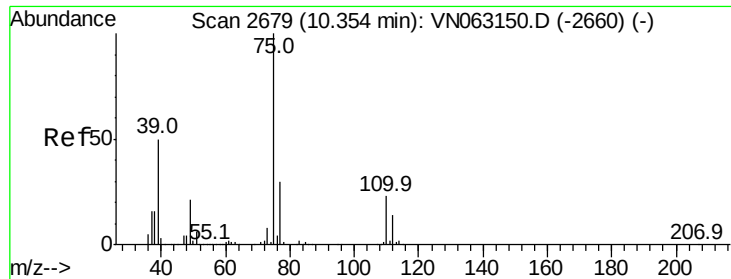
Tot Ion: 43 Resp: 1475336
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.2 43.8



#52
 Toluene
 Concen: 53.815 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 92 Resp: 594103
 Ion Ratio Lower Upper
 92 100
 91 171.7 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 50.704 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

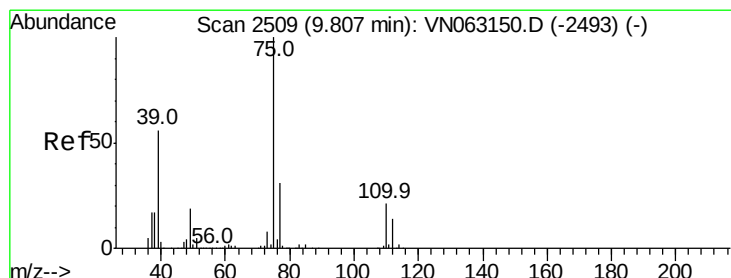
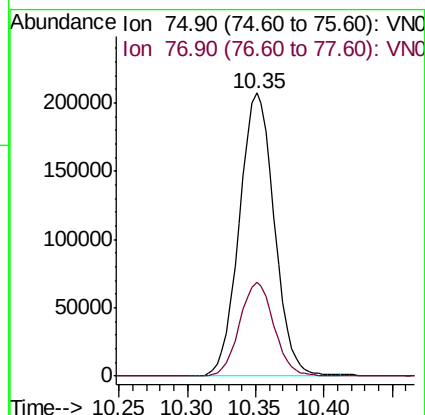
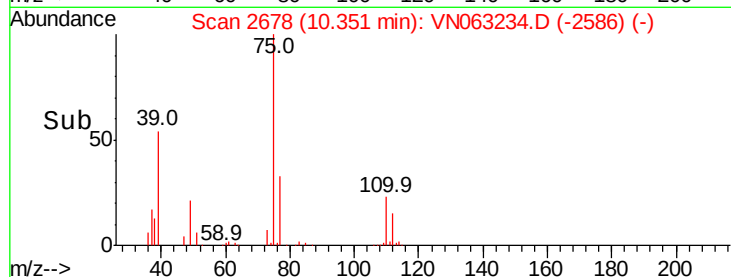
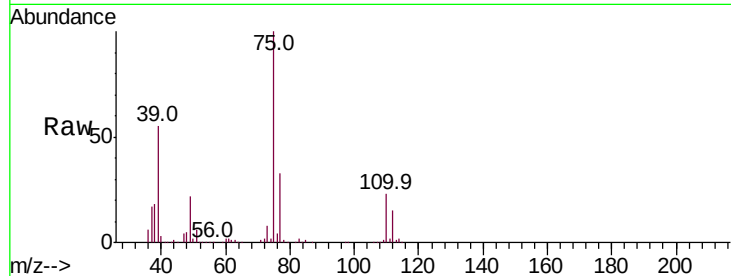
VSTDCCC050

Tot Ion: 75 Resp: 369665

Ion Ratio Lower Upper

75 100

77 33.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 51.974 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

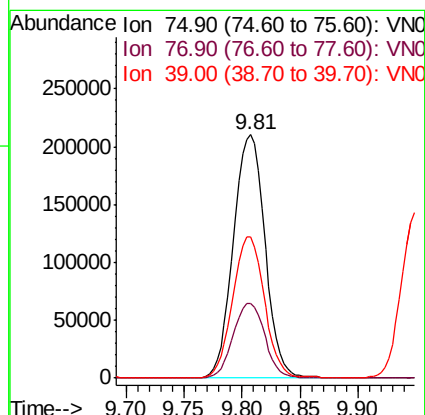
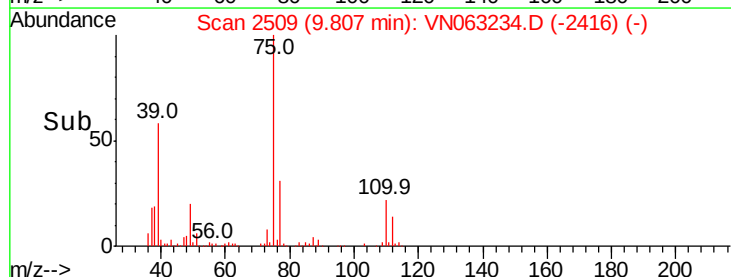
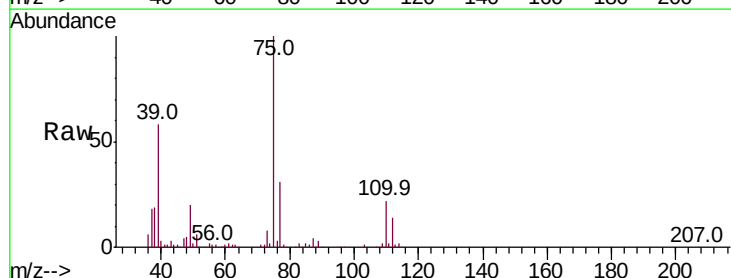
Tgt Ion: 75 Resp: 397747

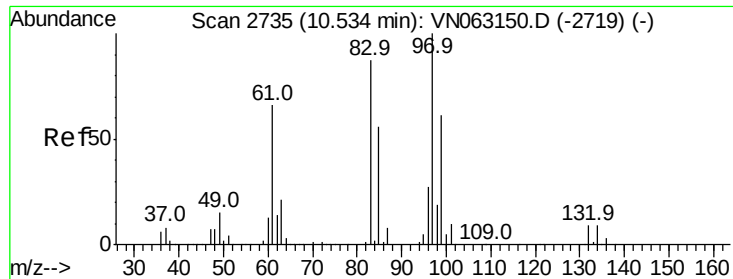
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 57.7 45.0 67.6

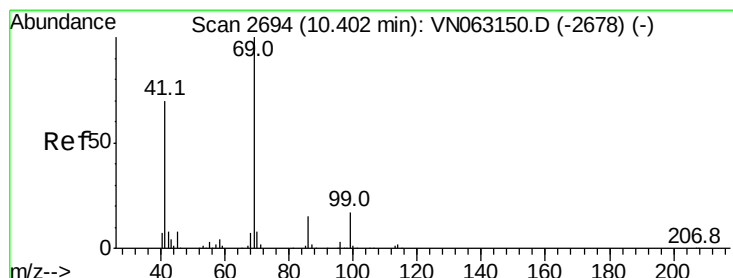
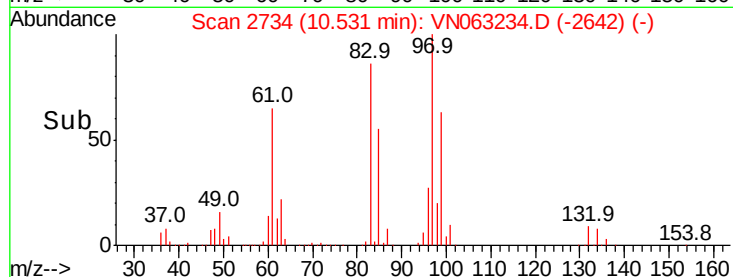
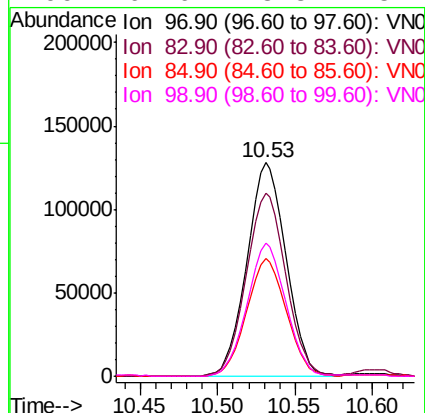
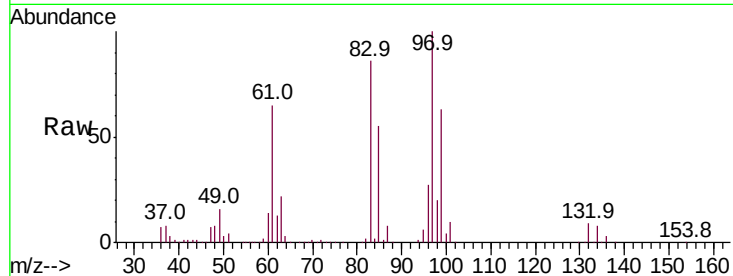




#55
 1,1,2-Trichloroethane
 Concen: 53.417 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

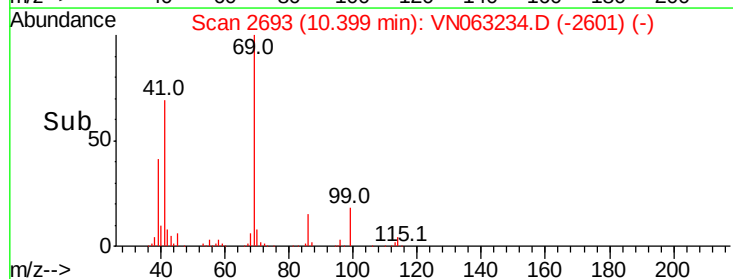
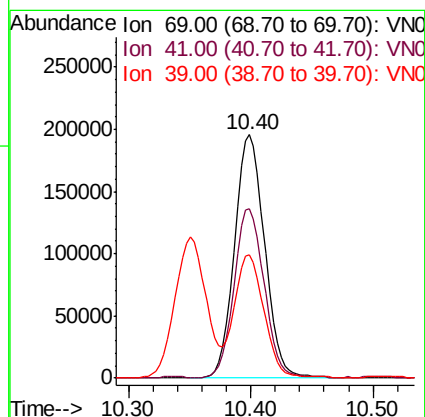
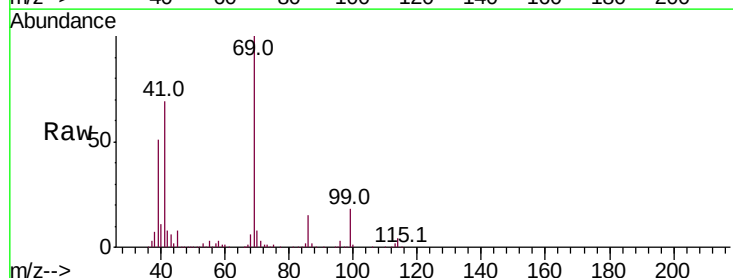
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

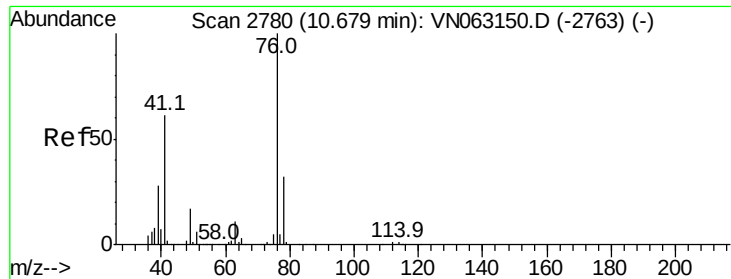
Tot Ion:	97	Resp:	225841
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.8	104.8
85	55.4	44.9	67.3
99	62.6	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 52.095 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion:	69	Resp:	335185
Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.5	83.3
39	49.5	38.2	57.2

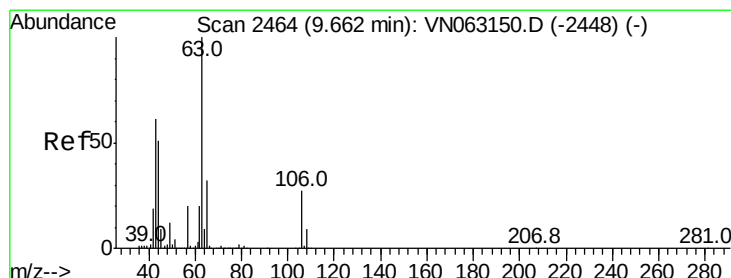
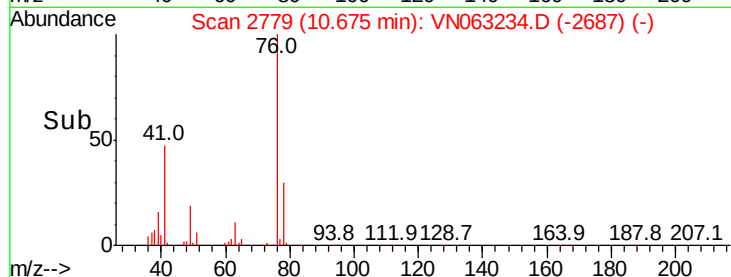
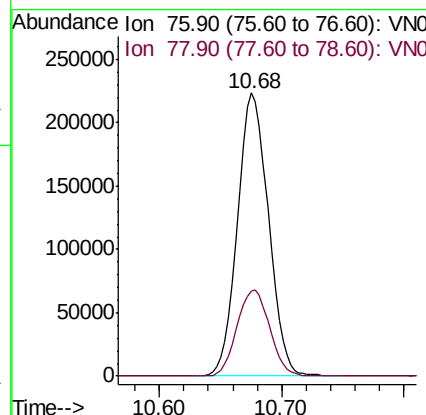
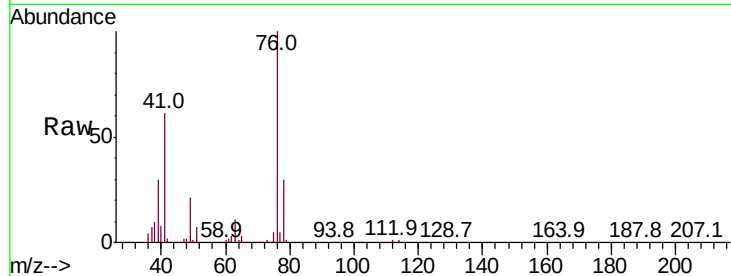




#57
 1,3-Dichloropropane
 Concen: 52.305 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

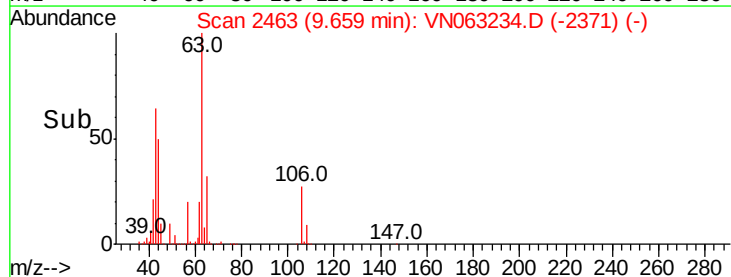
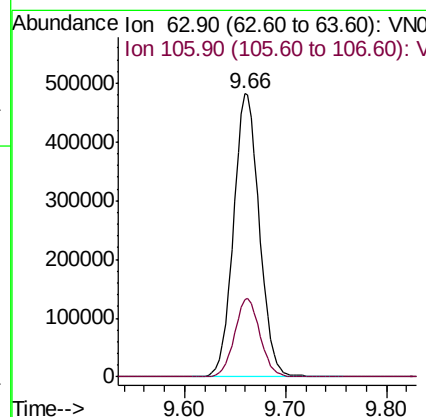
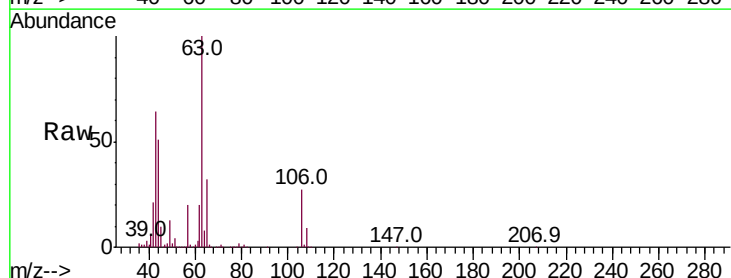
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

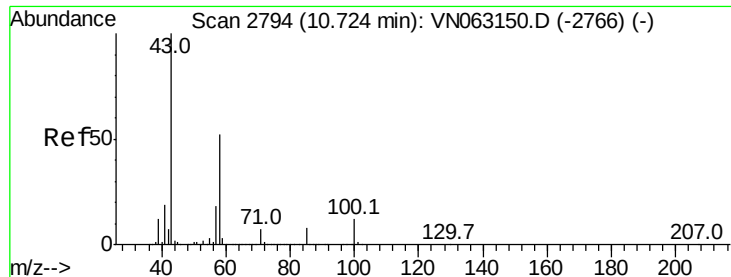
Tot Ion: 76 Resp: 393955
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.307 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 63 Resp: 857307
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.6

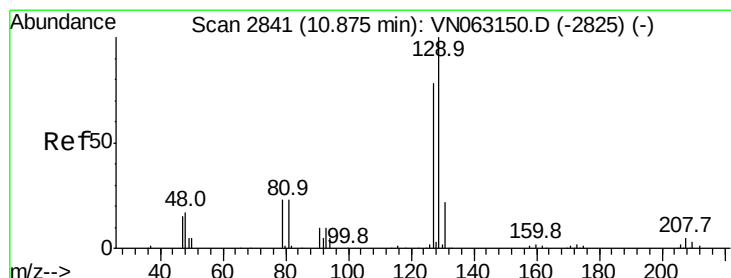
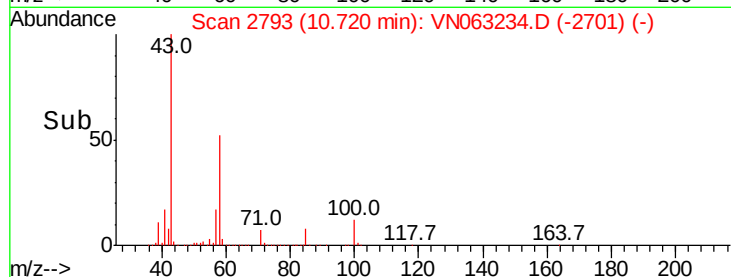
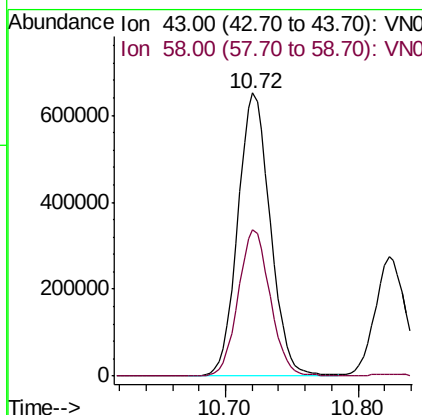
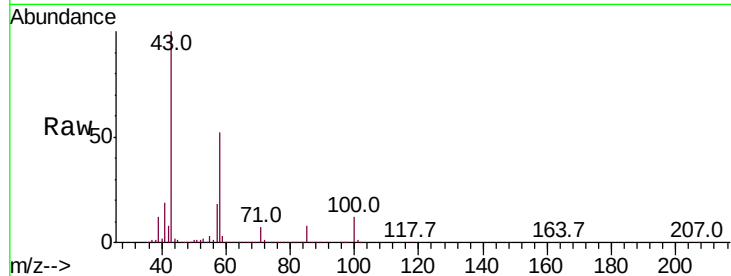




#59
2-Hexanone
Concen: 294.955 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

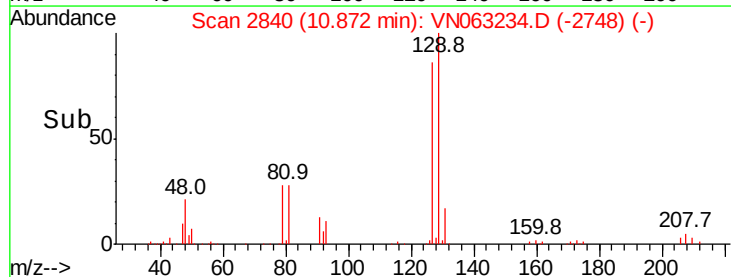
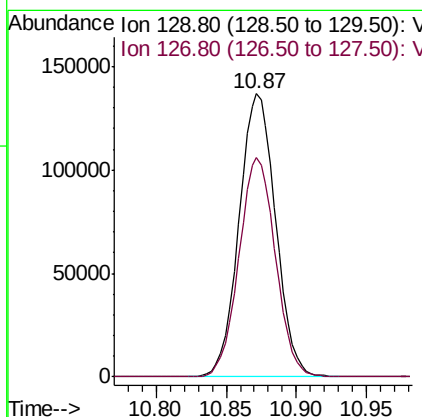
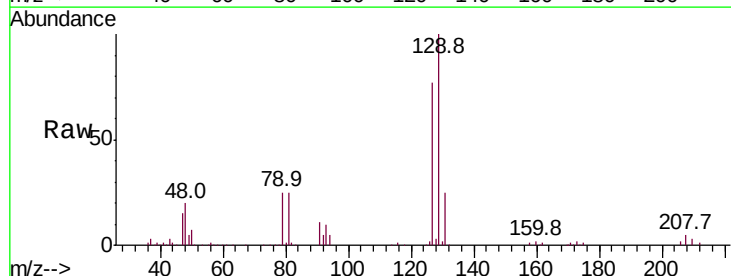
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

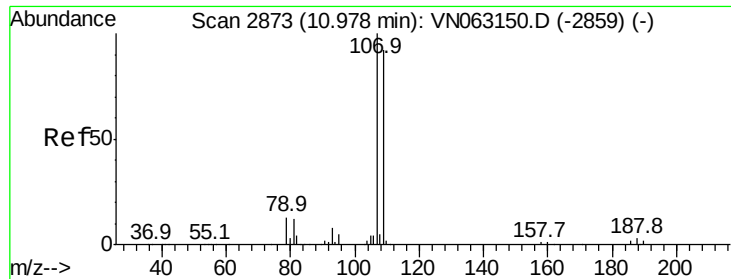
Tot Ion: 43 Resp: 1107864
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.8



#60
Dibromochloromethane
Concen: 53.195 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion: 129 Resp: 248643
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

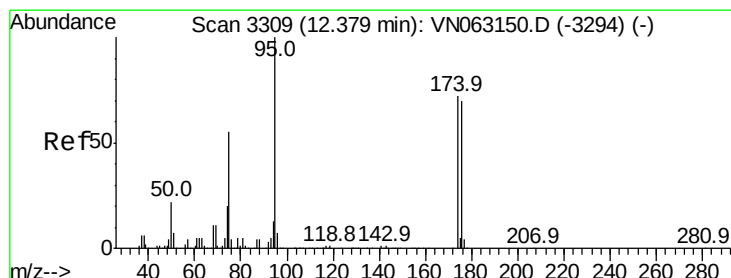
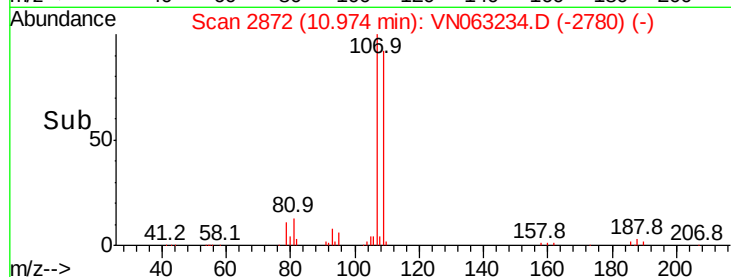
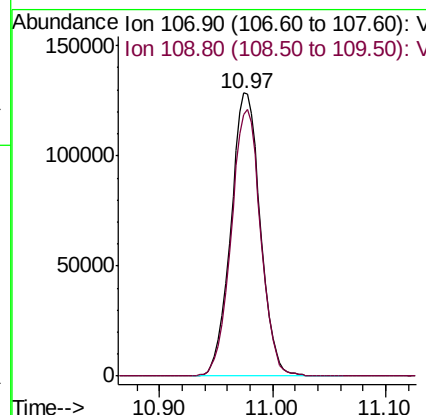
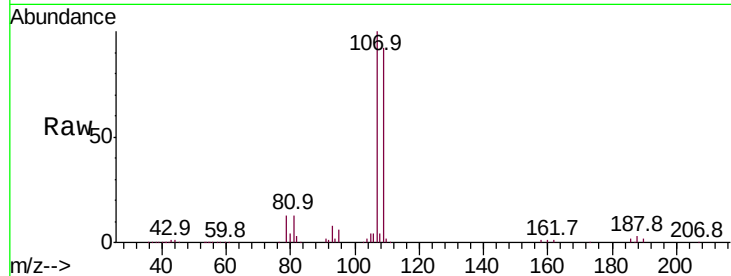




#61
 1,2-Dibromoethane
 Concen: 52.931 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

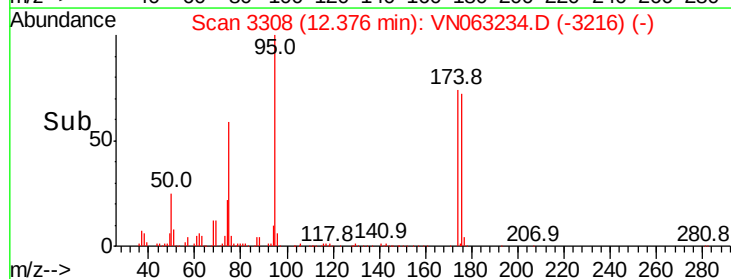
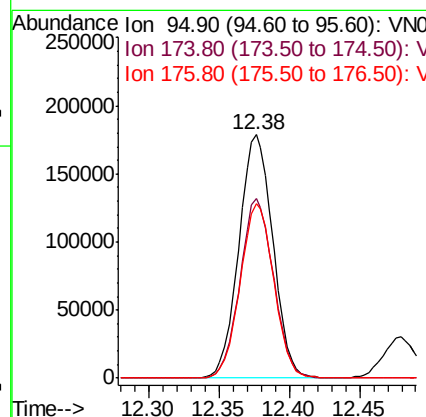
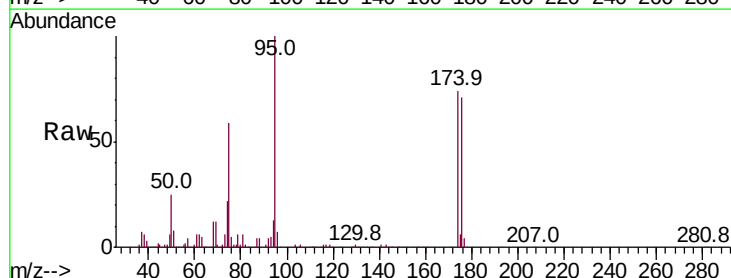
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

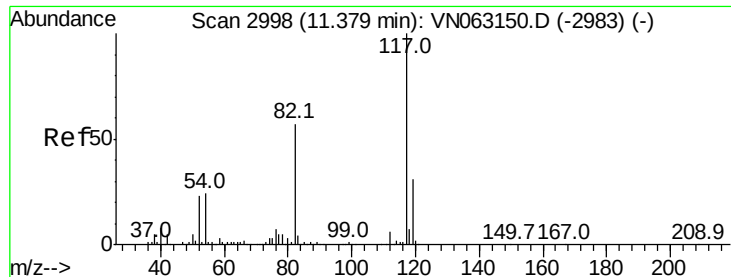
Tot Ion:107 Resp: 232632
 Ion Ratio Lower Upper
 107 100
 109 94.1 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 55.649 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion: 95 Resp: 301545
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 143.8
 176 71.2 0.0 138.4

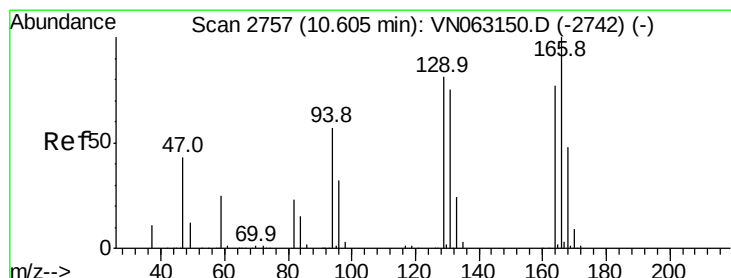
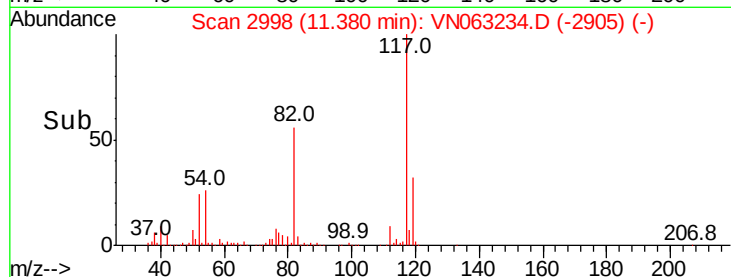
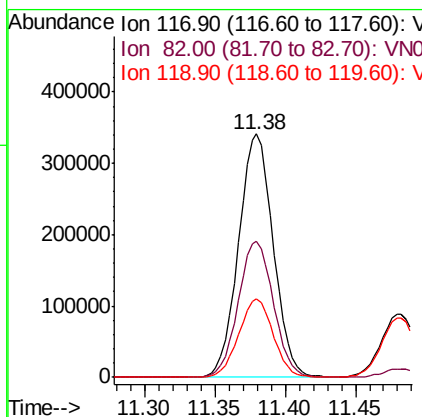
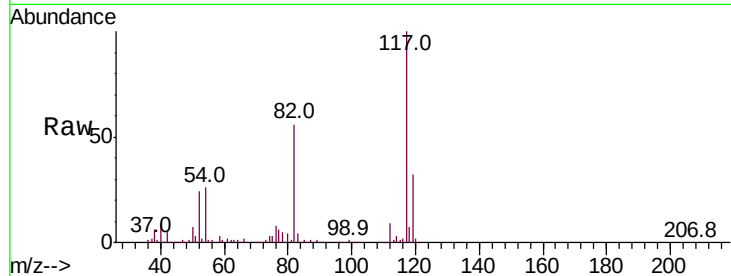




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

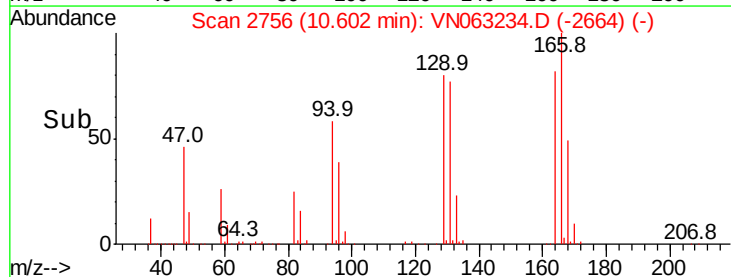
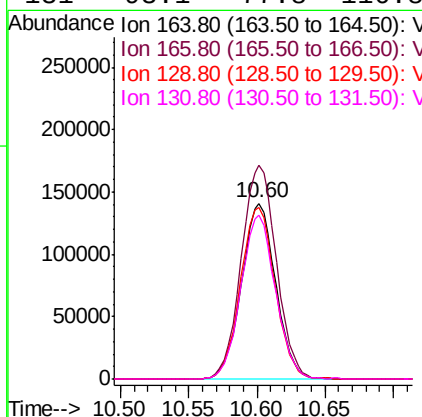
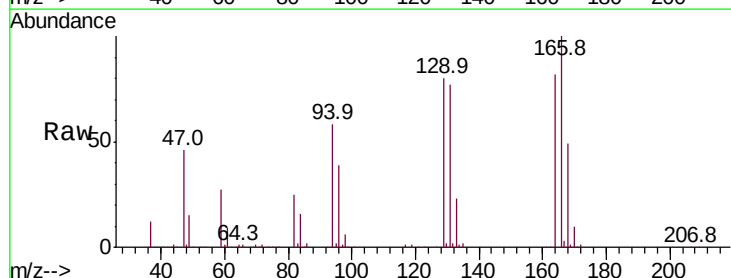
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

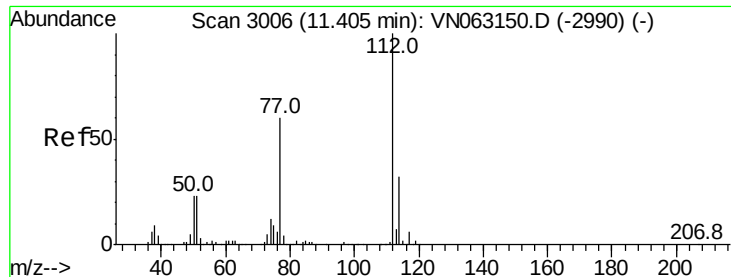
Tot Ion:117 Resp: 589113
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.4 24.6 37.0



#64
Tetrachloroethene
Concen: 57.720 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion:164 Resp: 244181
Ion Ratio Lower Upper
164 100
166 121.5 103.4 155.2
129 97.3 83.4 125.0
131 93.1 77.8 116.8





#65

Chlorobenzene

Concen: 51.304 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

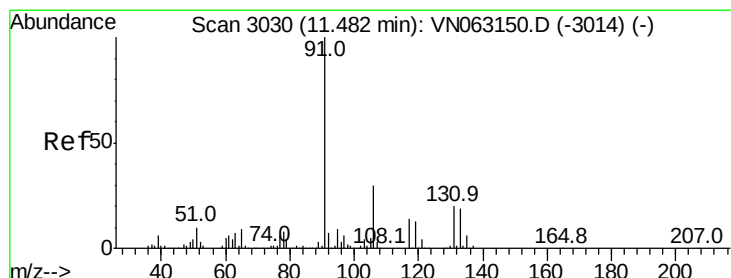
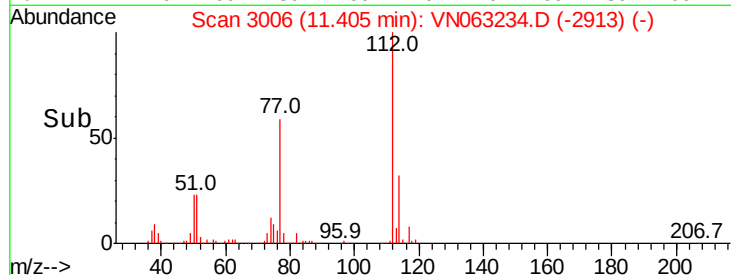
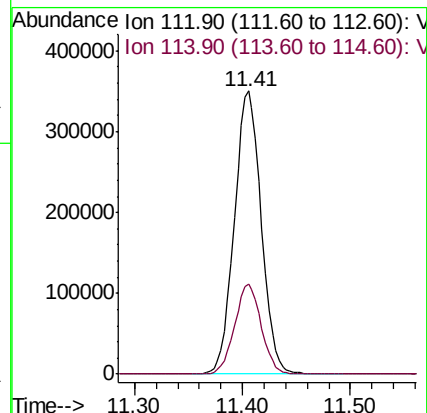
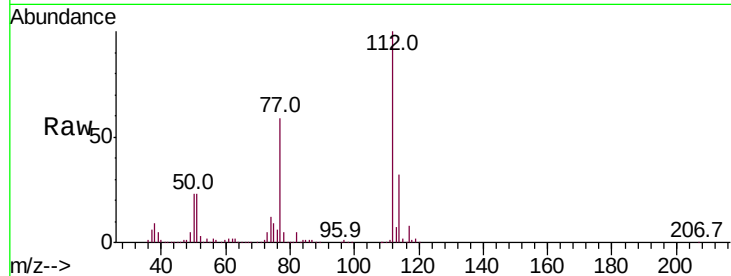
VSTDCCC050

Tot Ion:112 Resp: 608748

Ion Ratio Lower Upper

112 100

114 32.0 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.304 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

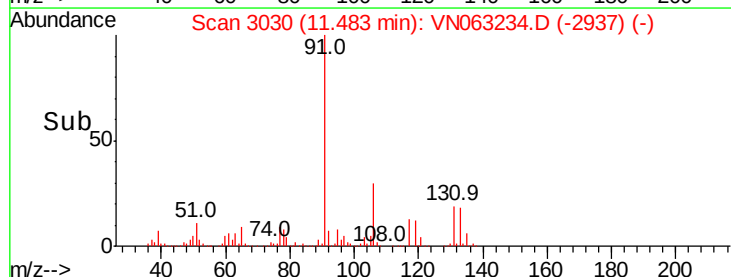
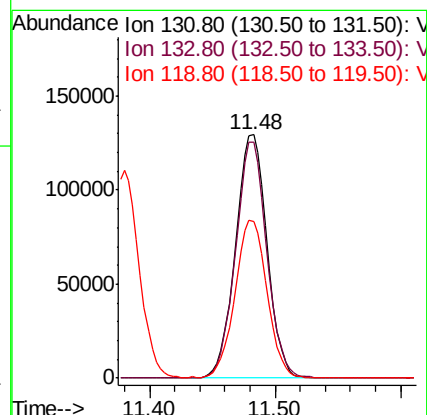
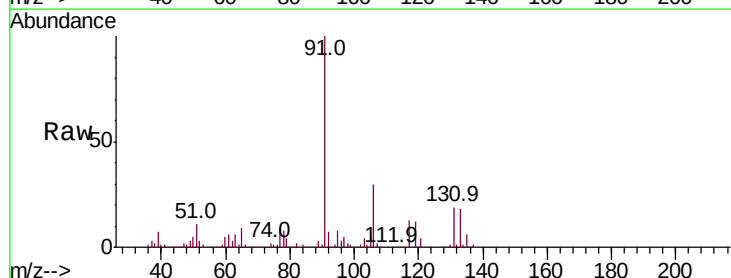
Tgt Ion:131 Resp: 226016

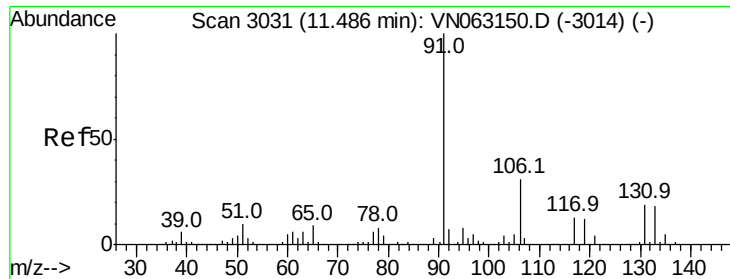
Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

119 65.8 32.4 97.0

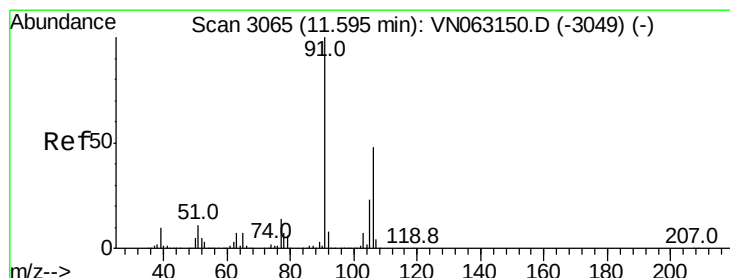
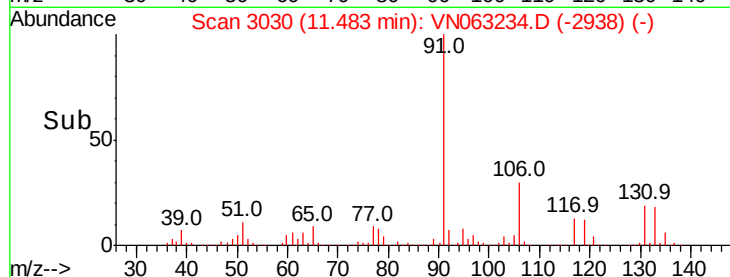
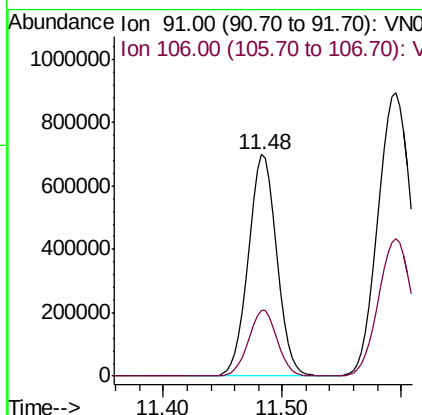
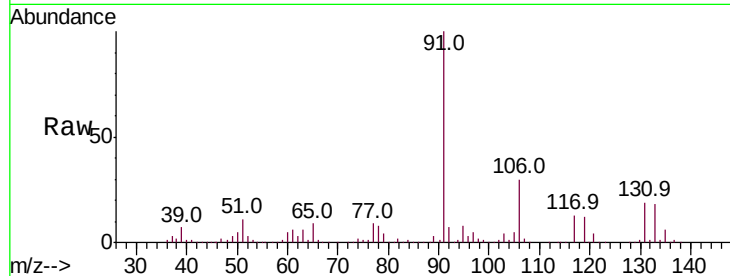




#67
Ethyl Benzene
Concen: 53.459 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

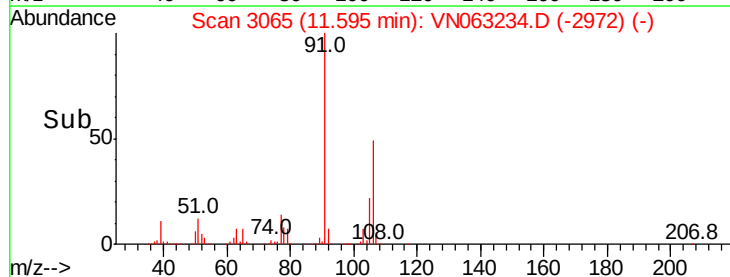
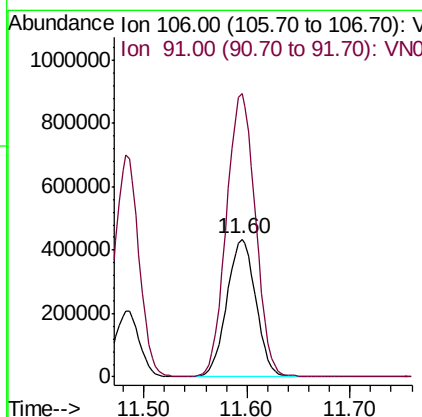
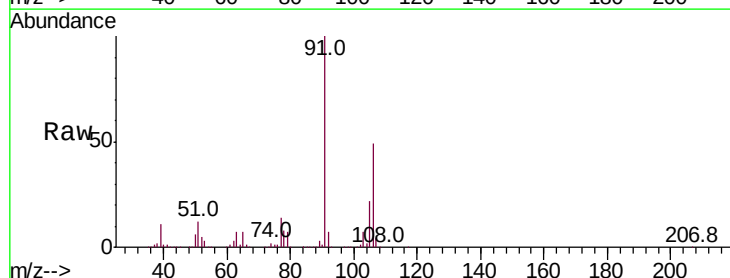
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

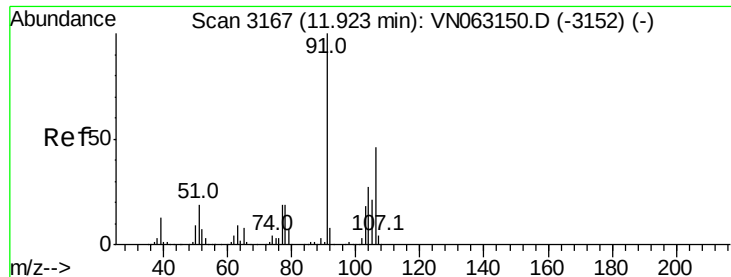
Tot Ion: 91 Resp: 1157175
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 106.309 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion:106 Resp: 852277
Ion Ratio Lower Upper
106 100
91 205.9 166.7 250.1

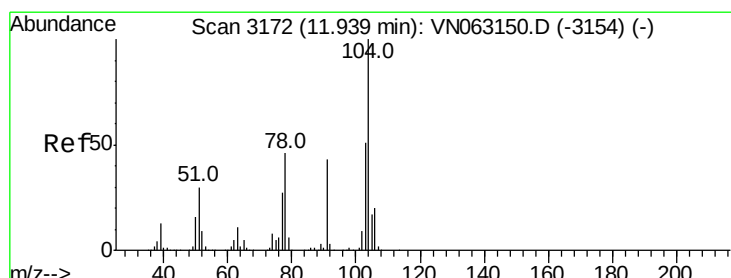
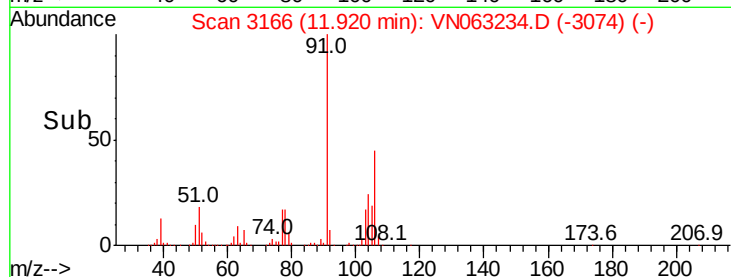
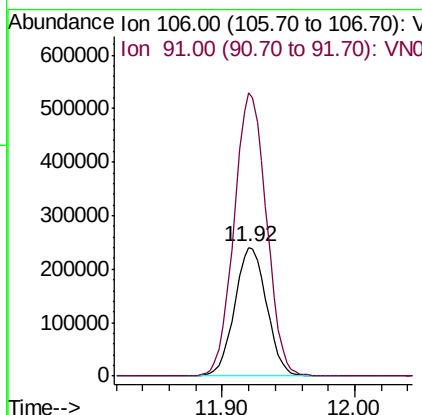
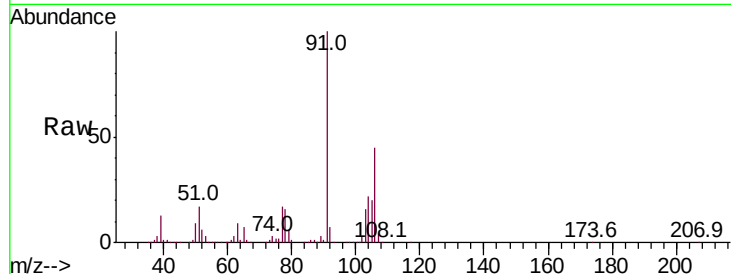




#69
o-Xylene
Concen: 52.178 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

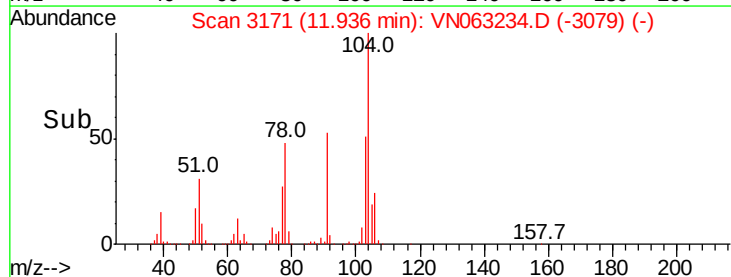
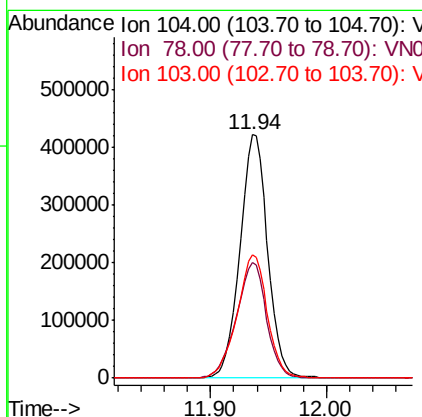
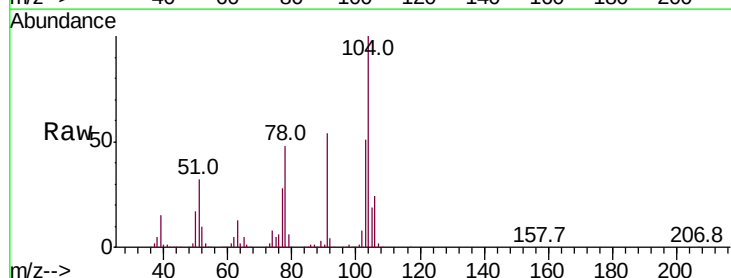
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

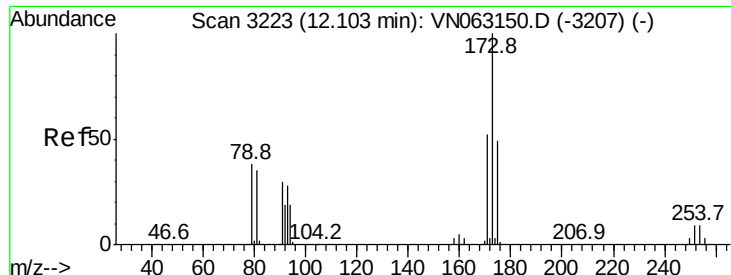
Tot Ion:106 Resp: 404108
Ion Ratio Lower Upper
106 100
91 222.2 108.6 325.6



#70
Styrene
Concen: 52.584 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion:104 Resp: 699896
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 55.1 43.8 65.8

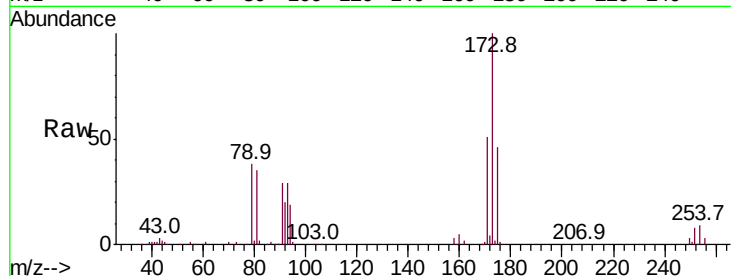




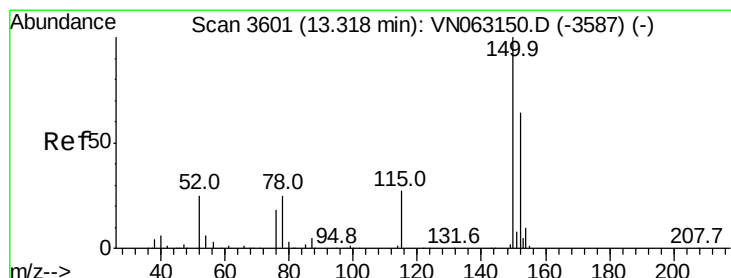
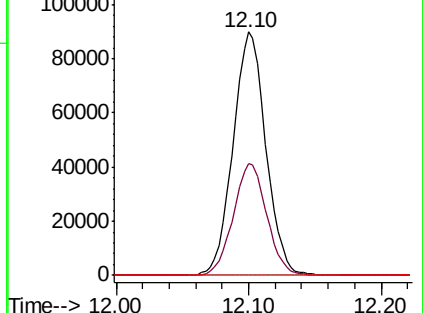
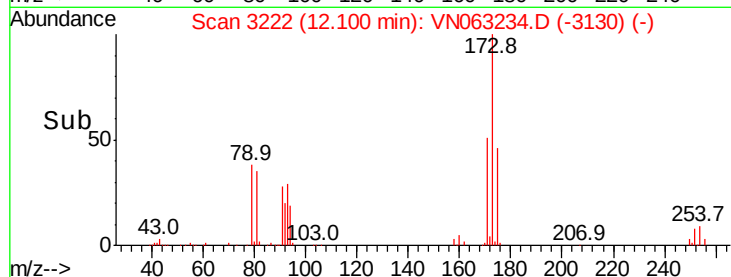
#71
Bromoform
Concen: 51.648 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 154411
Ion Ratio Lower Upper
173 100
175 46.8 24.6 73.8
254 0.0 0.0 0.0

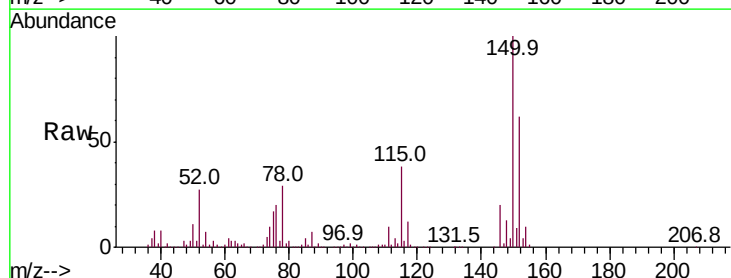


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

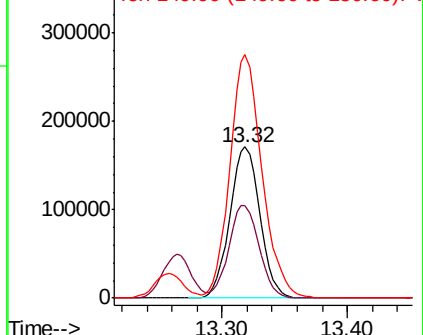
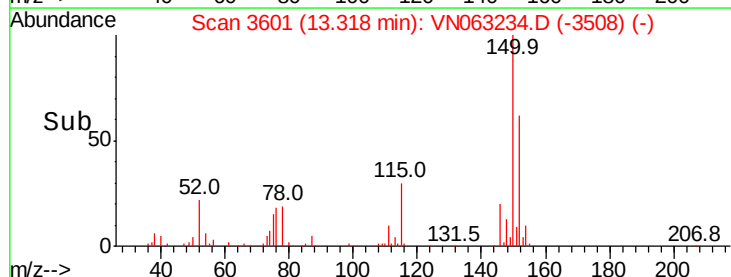


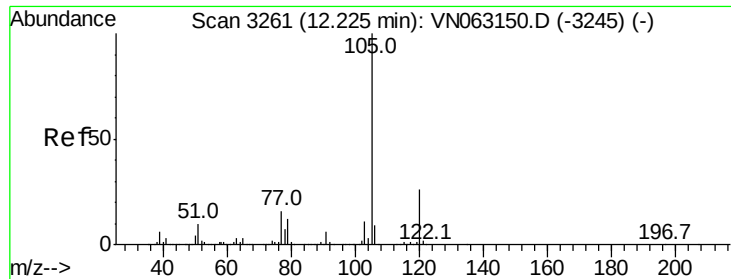
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion:152 Resp: 285437
Ion Ratio Lower Upper
152 100
115 61.9 32.0 96.2
150 170.6 0.0 353.0



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: 51.110 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

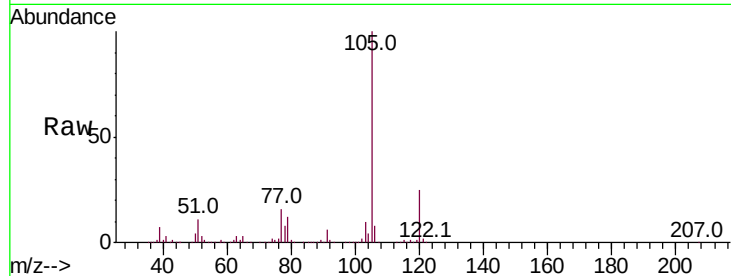
VSTDCCC050

Tot Ion:105 Resp: 1118941

Ion Ratio Lower Upper

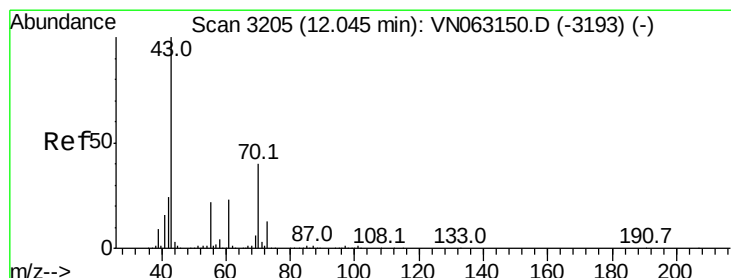
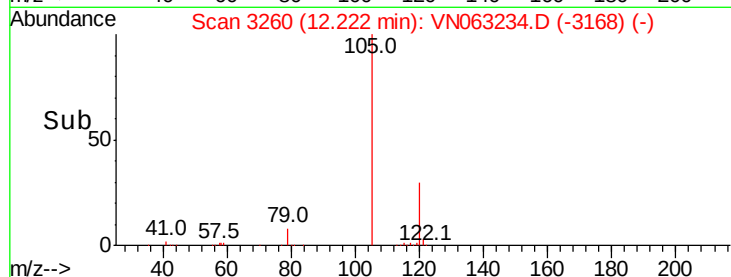
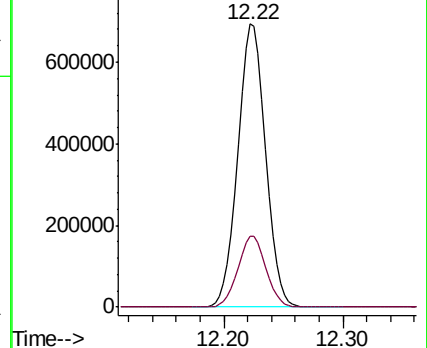
105 100

120 25.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.241 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Tgt Ion: 43 Resp: 455596

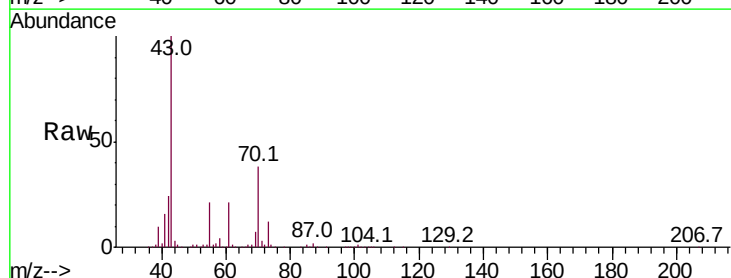
Ion Ratio Lower Upper

43 100

70 39.0 32.1 48.1

55 21.4 17.4 26.0

61 21.8 18.6 27.8

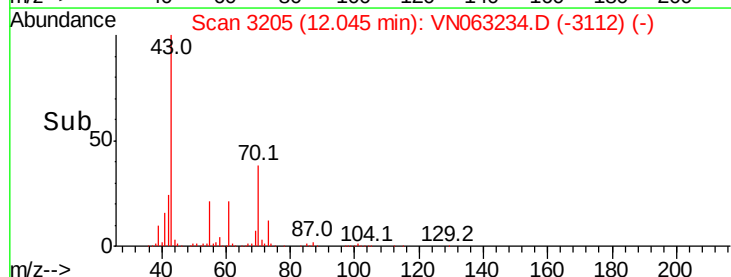
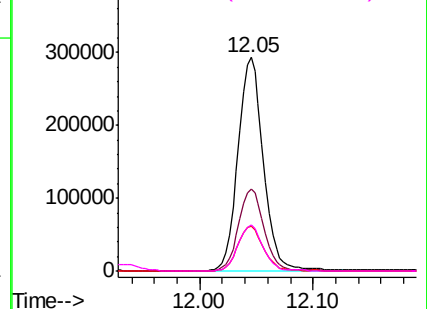


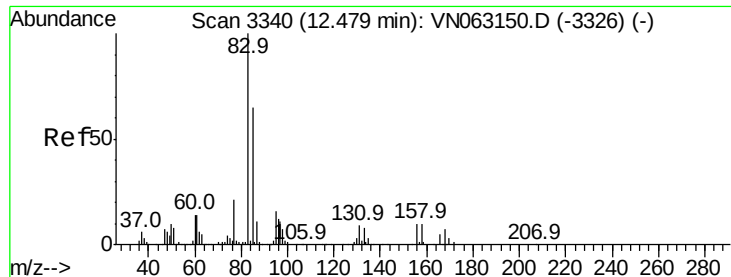
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 46.514 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

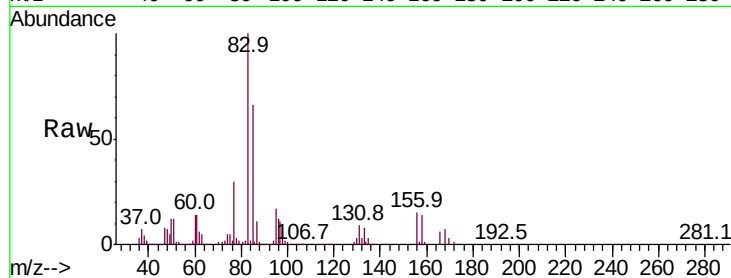
Tot Ion: 83 Resp: 293583

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.0
85	65.5	32.7	98.1

83 100

131 9.2 4.7 14.0

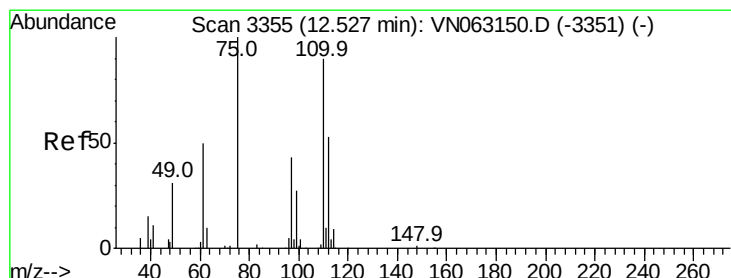
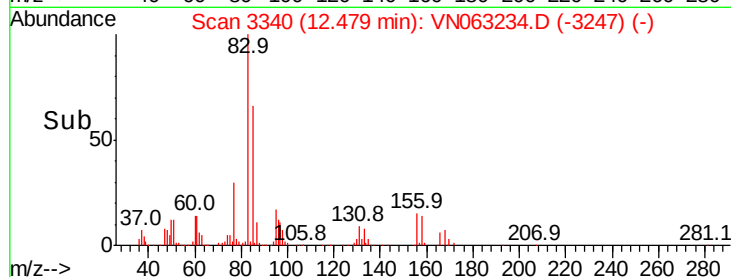
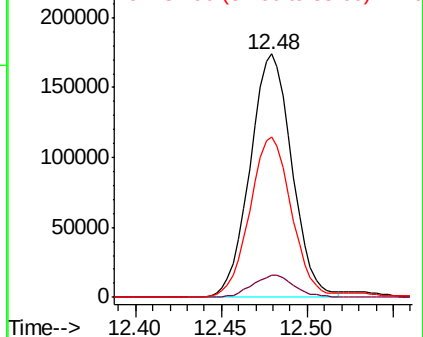
85 65.5 32.7 98.1



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: 75.606 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063234.D

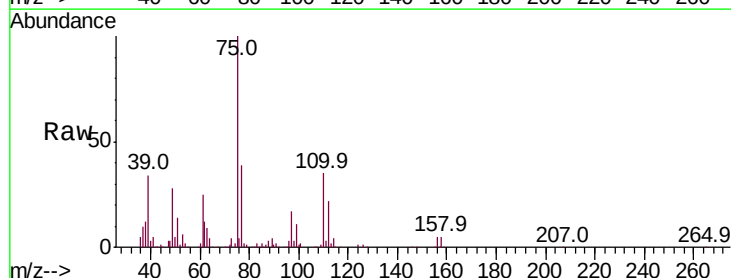
Acq: 4 Sep 2020 9:20

Tgt Ion: 75 Resp: 424017

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

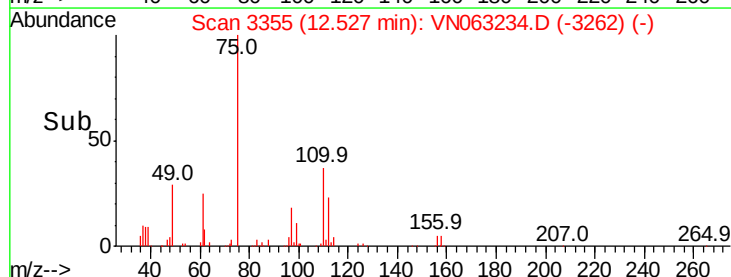
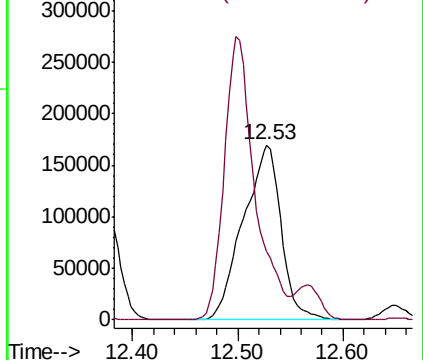
75 100

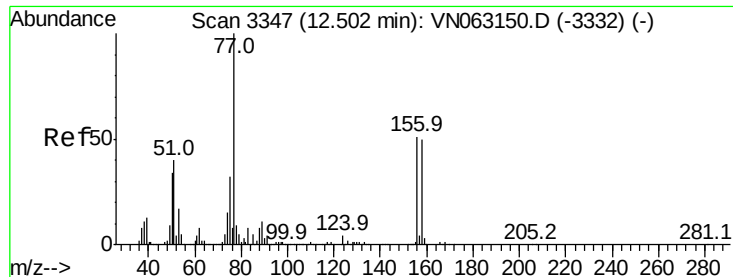
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

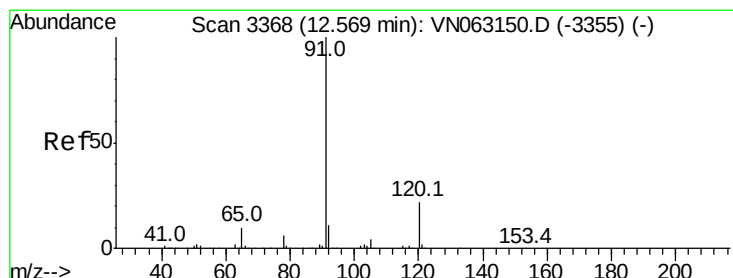
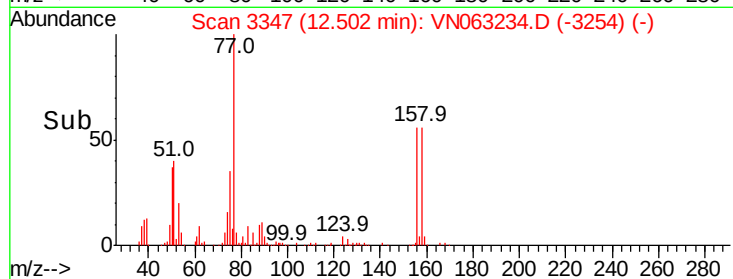
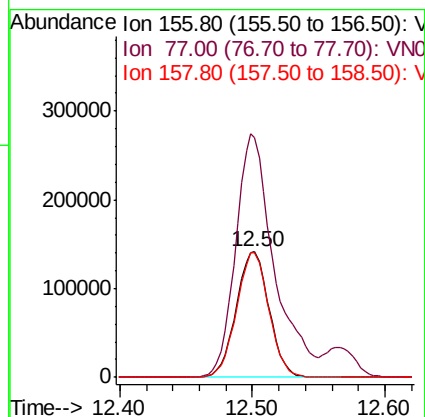
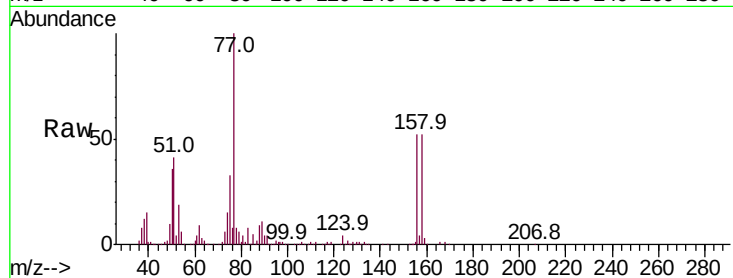




#77
Bromobenzene
Concen: 49.325 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

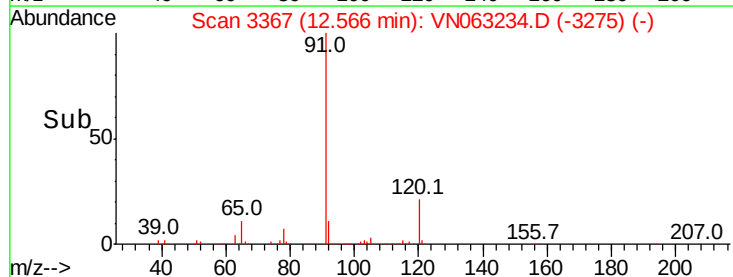
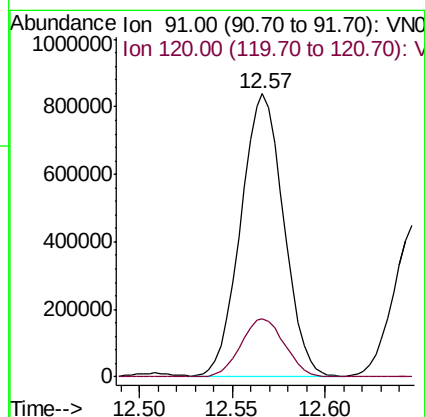
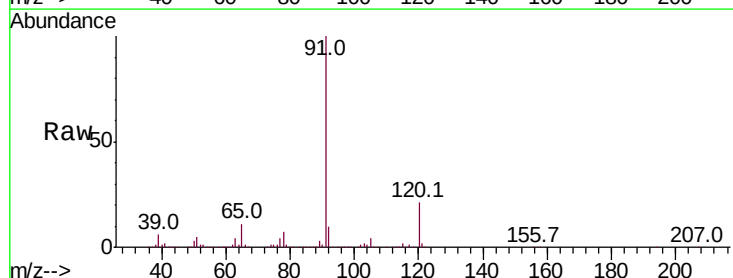
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

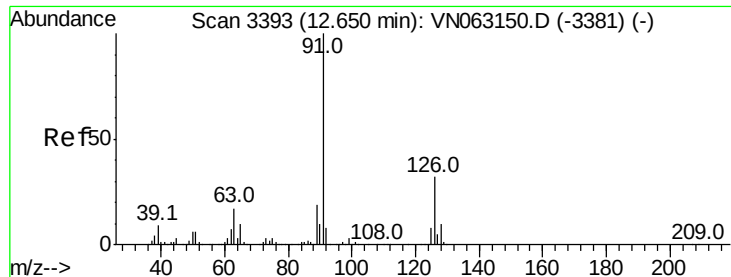
Tot Ion:156 Resp: 244218
Ion Ratio Lower Upper
156 100
77 227.0 116.1 348.3
158 97.5 48.8 146.4



#78
n-propylbenzene
Concen: 52.739 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063234.D
Acq: 4 Sep 2020 9:20

Tgt Ion: 91 Resp: 1336067
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.7

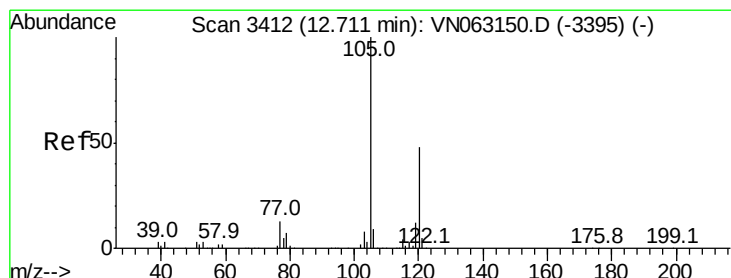
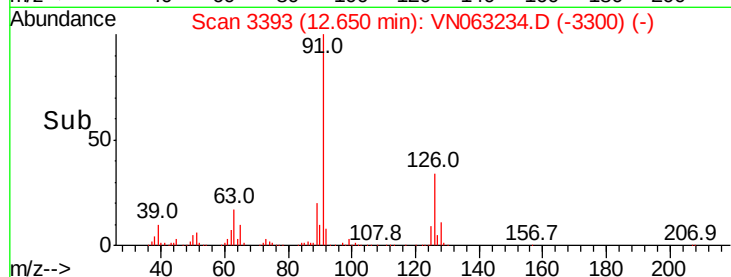
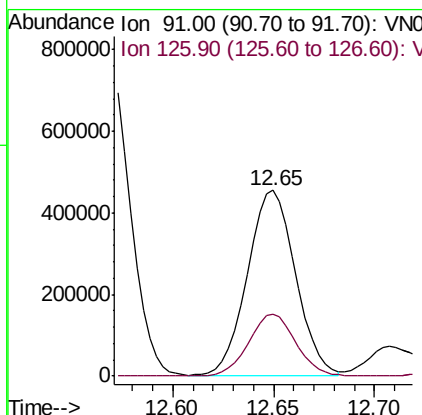
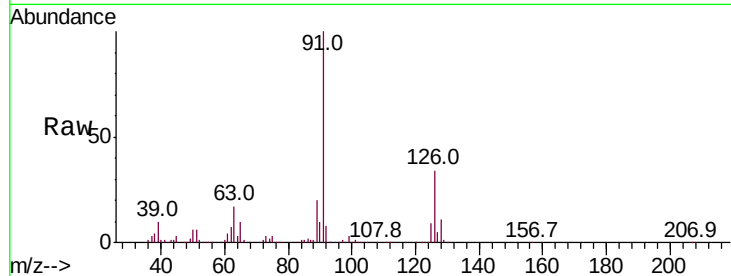




#79
 2-Chlorotoluene
 Concen: 49.782 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

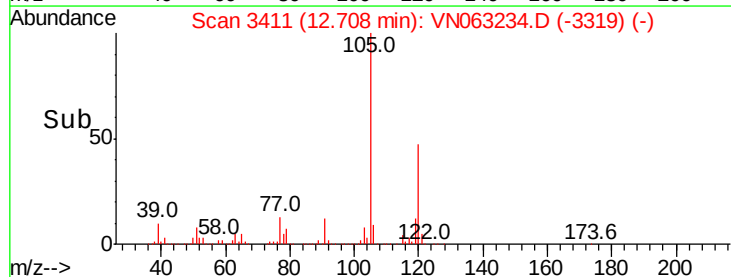
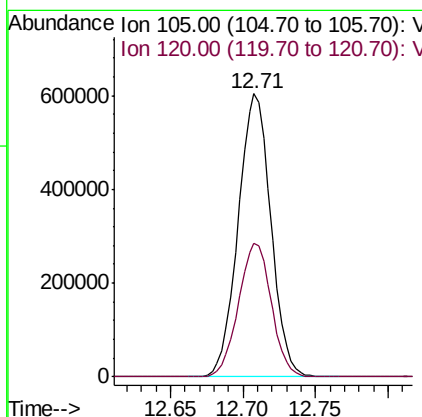
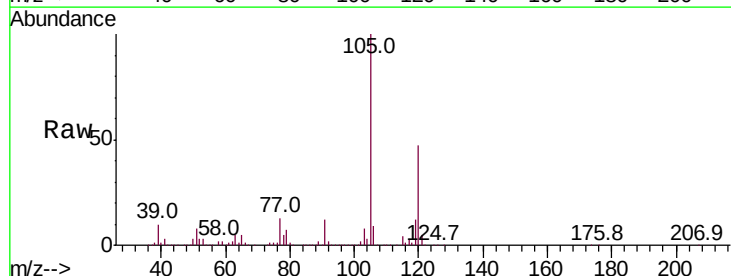
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

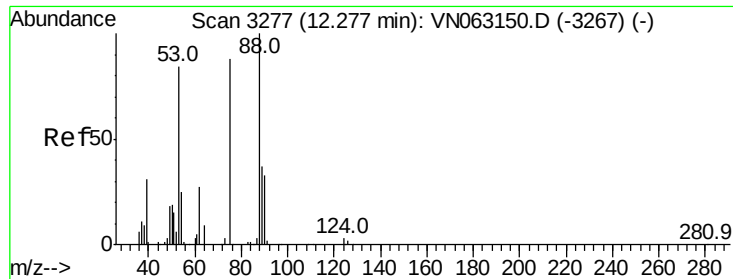
Tot Ion: 91 Resp: 755349
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.698 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion:105 Resp: 942067
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 44.892 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

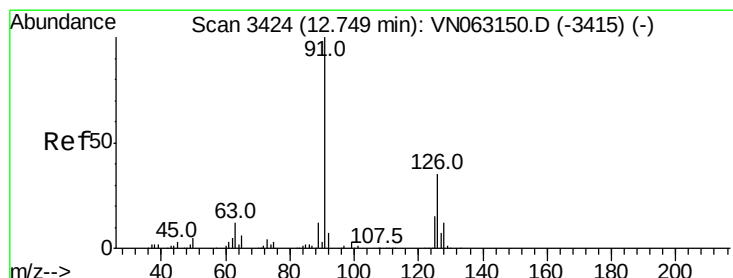
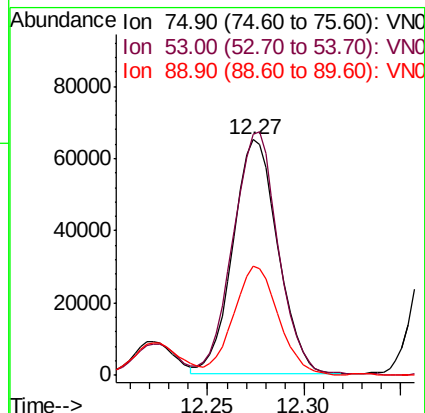
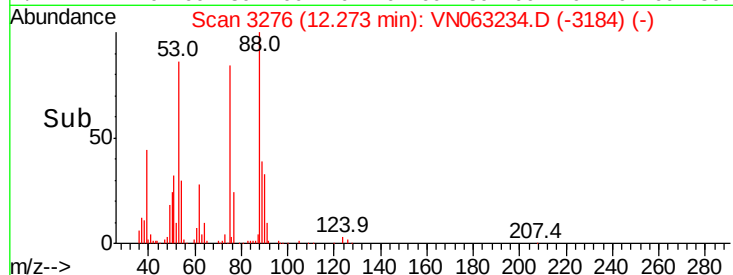
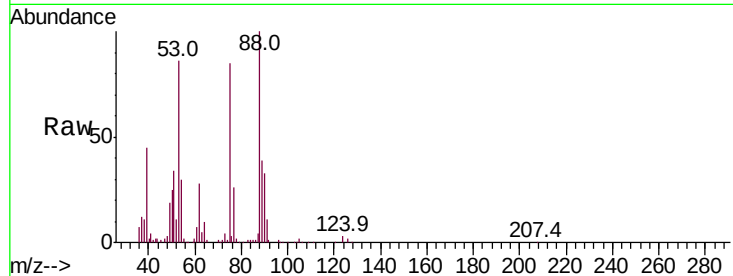
Tot Ion: 75 Resp: 104164

Ion Ratio Lower Upper

75 100

53 106.8 78.7 118.1

89 46.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 50.022 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063234.D

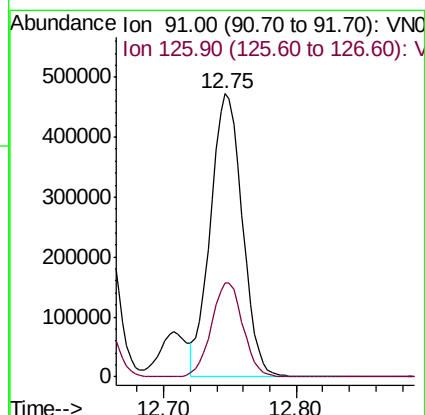
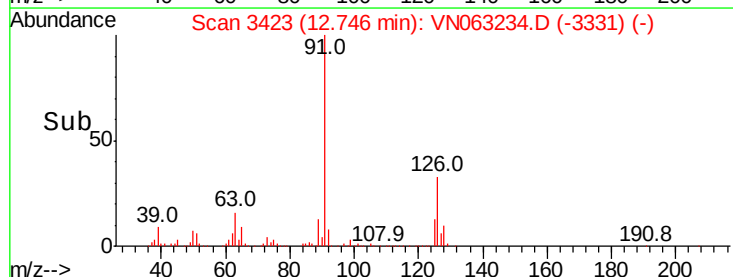
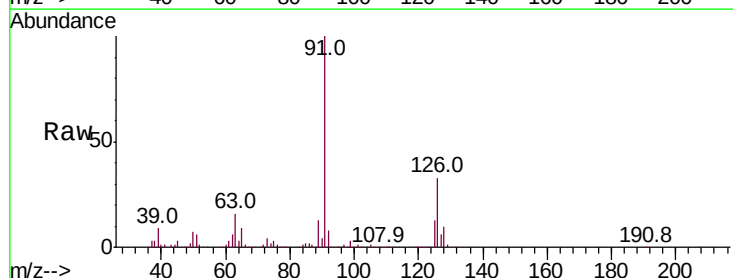
Acq: 4 Sep 2020 9:20

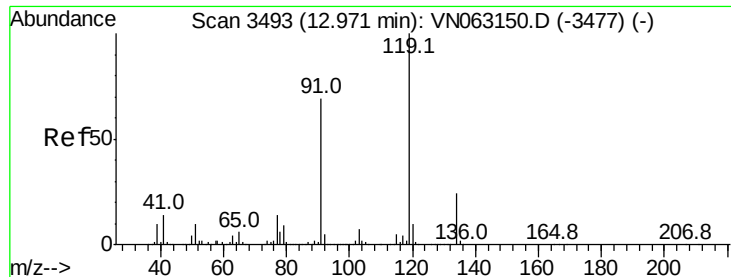
Tgt Ion: 91 Resp: 787180

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.5

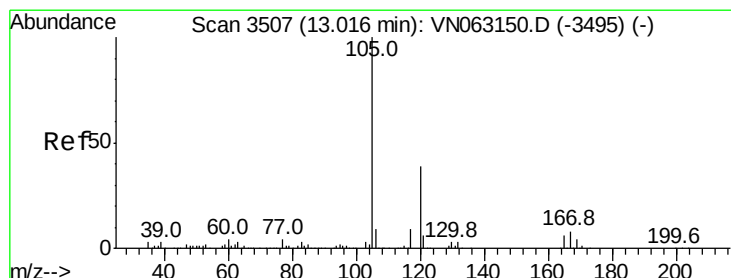
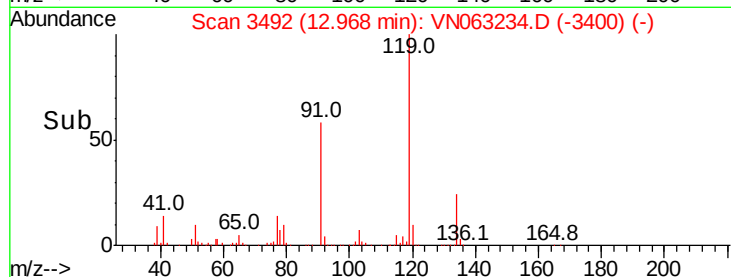
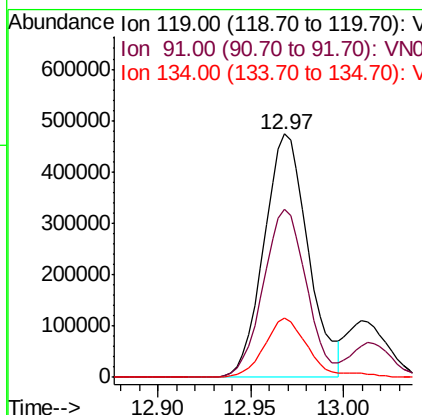
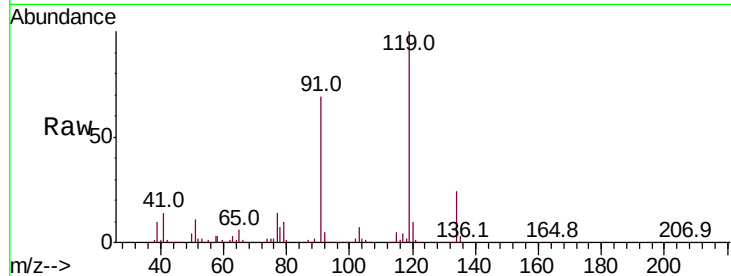




#83
 tert-Butylbenzene
 Concen: 50.226 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

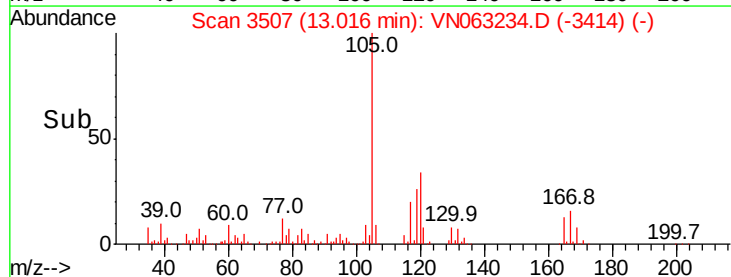
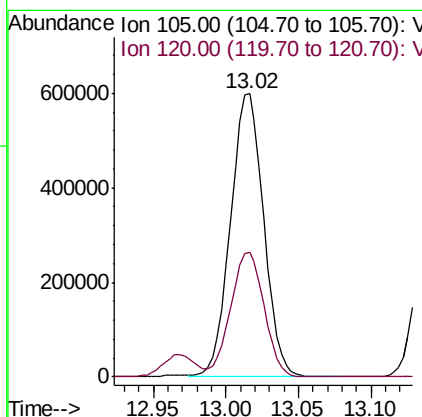
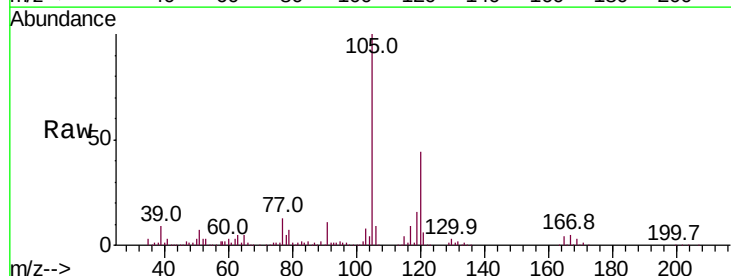
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

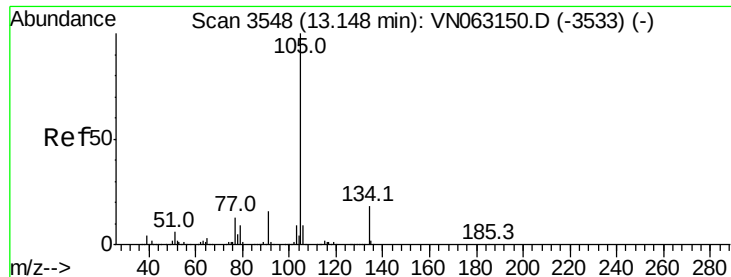
Tot Ion:119 Resp: 784949
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.7 101.0
 134 23.2 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.546 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion:105 Resp: 946780
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.874 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

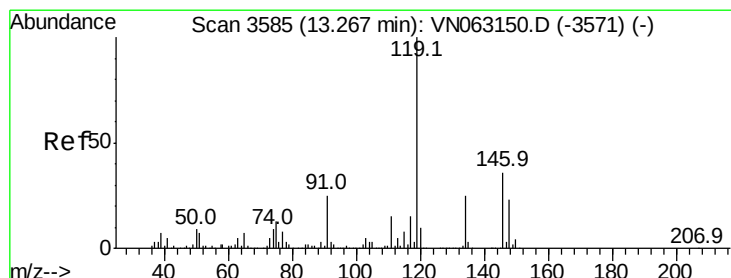
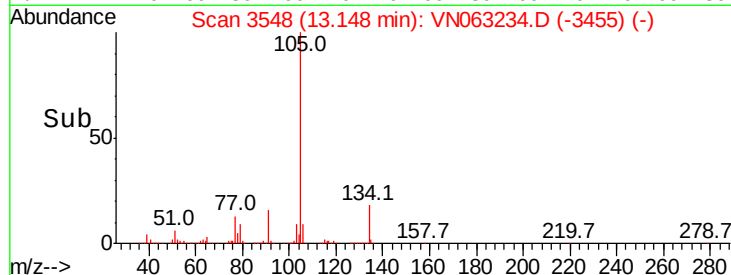
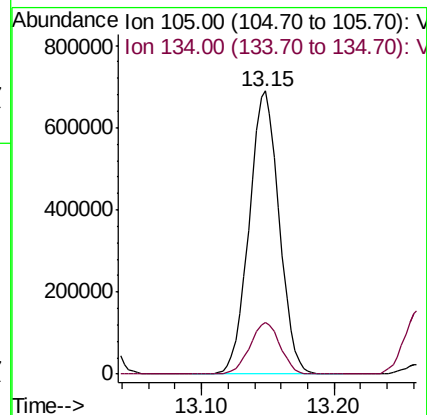
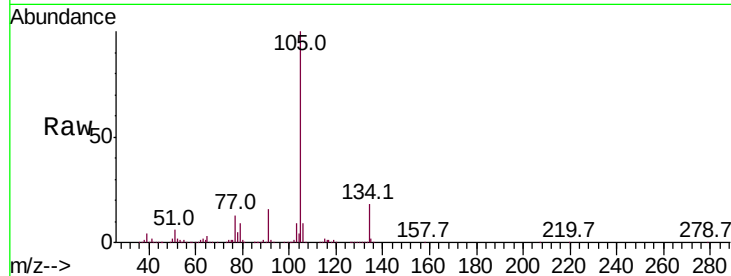
VSTDCCC050

Tot Ion:105 Resp: 1076938

Ion Ratio Lower Upper

105 100

134 18.5 9.4 28.3



#86

p-Isopropyltoluene

Concen: 53.446 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

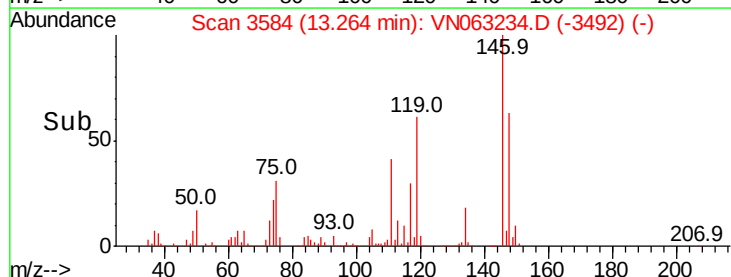
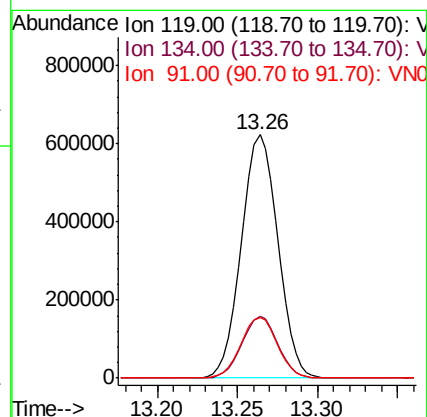
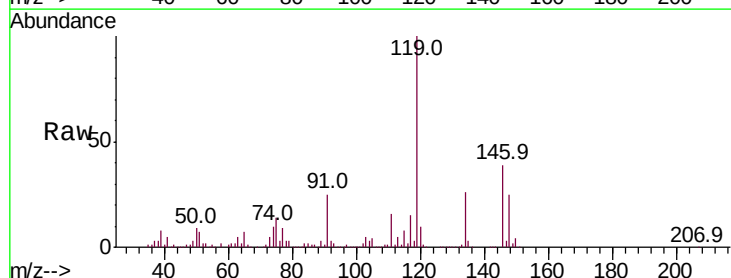
Tgt Ion:119 Resp: 966473

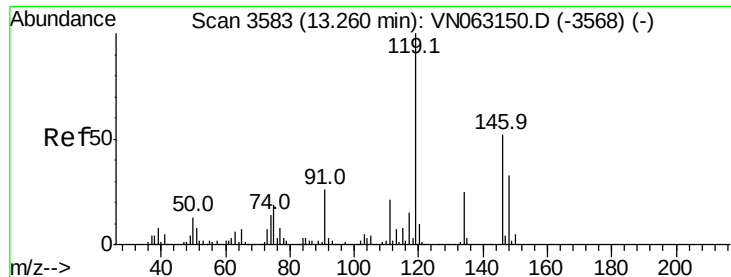
Ion Ratio Lower Upper

119 100

134 25.0 12.4 37.4

91 24.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.082 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

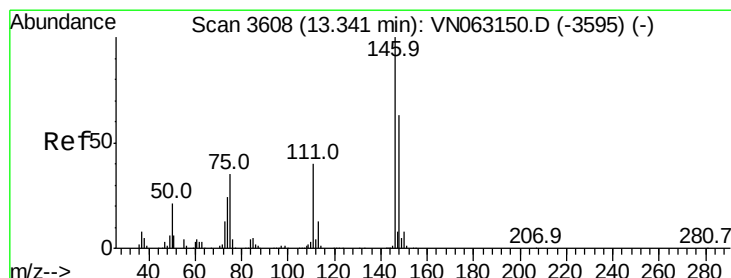
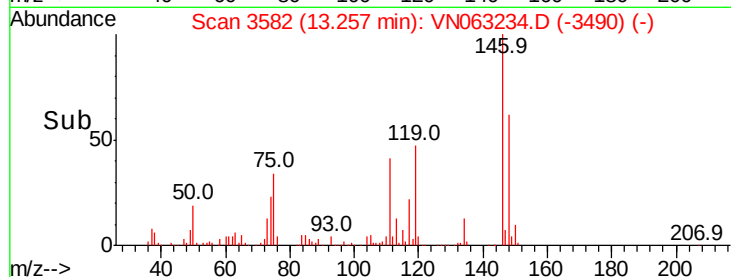
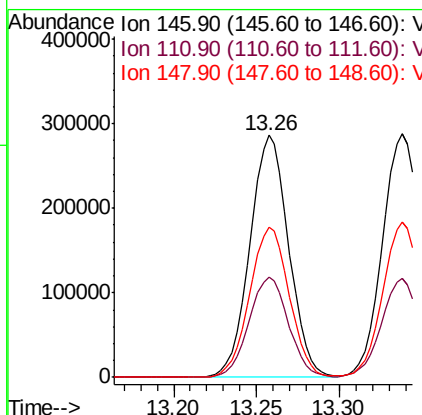
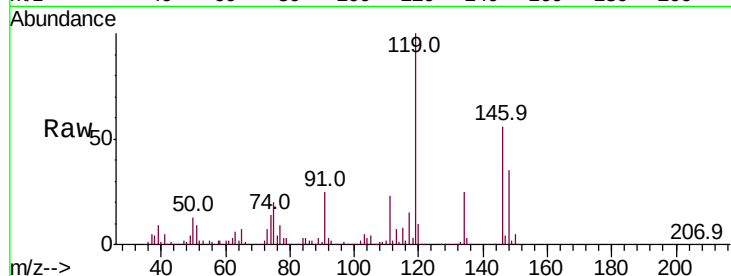
Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 464624

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.7
148	63.5	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 49.954 ug/l

RT: 13.34 min Scan# 3607

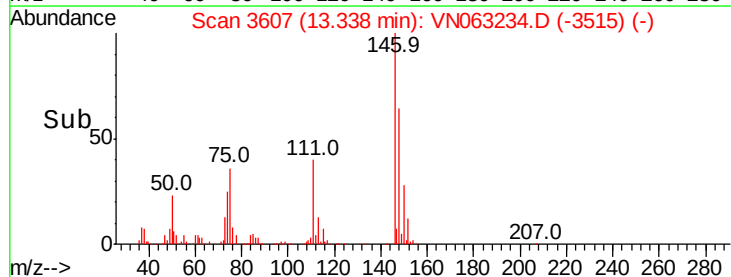
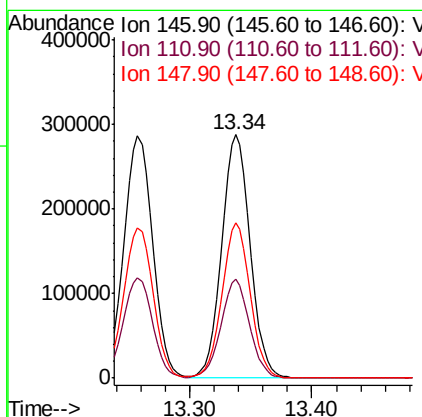
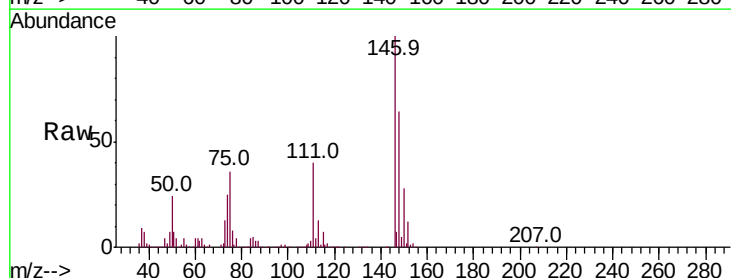
Delta R.T. -0.00 min

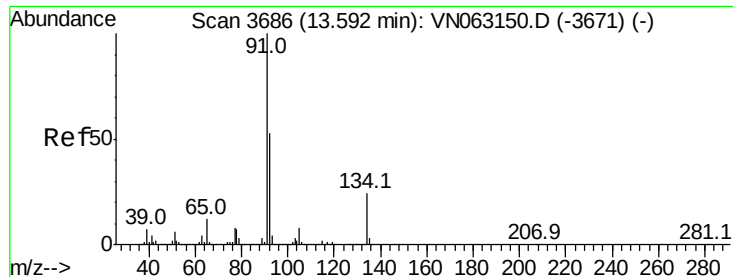
Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Tgt Ion:146 Resp: 470478

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	63.0	31.9	95.7





#89

n-Butylbenzene

Concen: 53.649 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

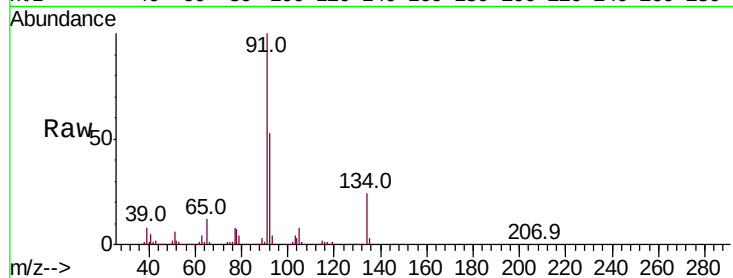
Tot Ion: 91 Resp: 896244

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.8

134 23.4 12.0 36.0

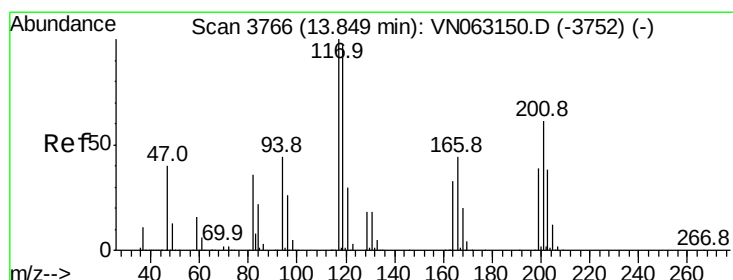
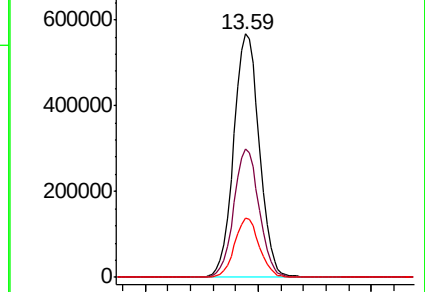
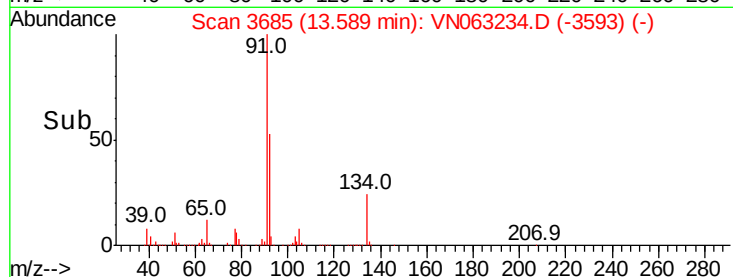


Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN063150.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN063150.D (-3671) (-)

Time-->



#90

Hexachloroethane

Concen: 47.406 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063234.D

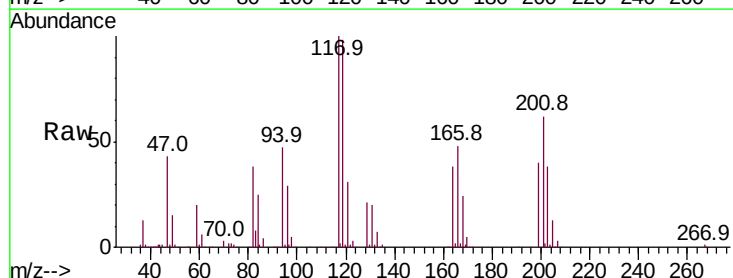
Acq: 4 Sep 2020 9:20

Tgt Ion: 117 Resp: 158690

Ion Ratio Lower Upper

117 100

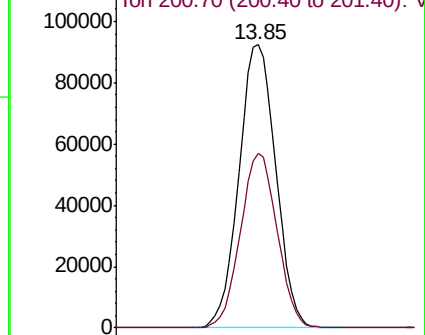
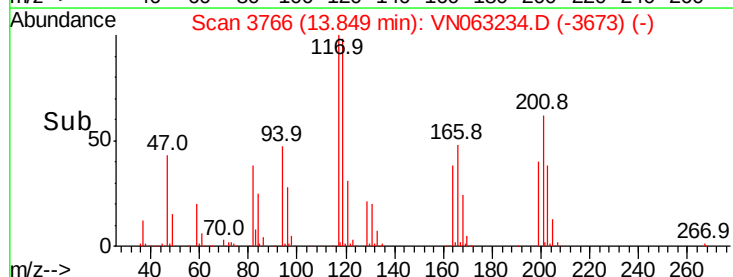
201 61.2 30.6 92.0

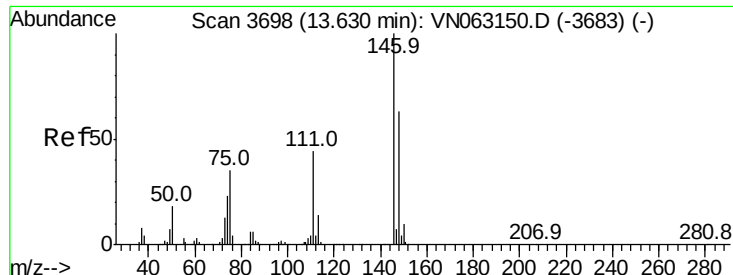


Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063150.D (-3752) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 52.006 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

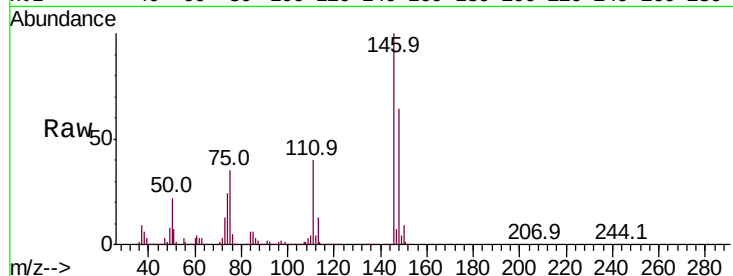
Tot Ion:146 Resp: 459034

Ion Ratio Lower Upper

146 100

111 41.6 22.0 66.0

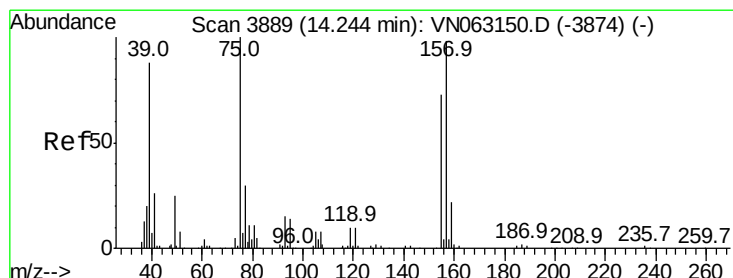
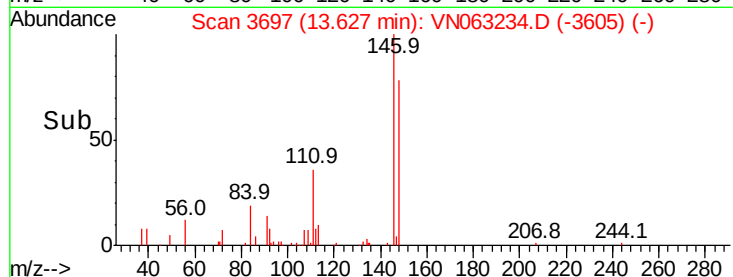
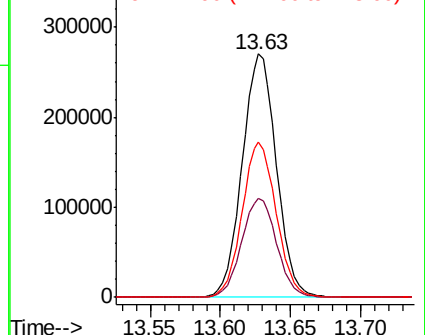
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.636 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

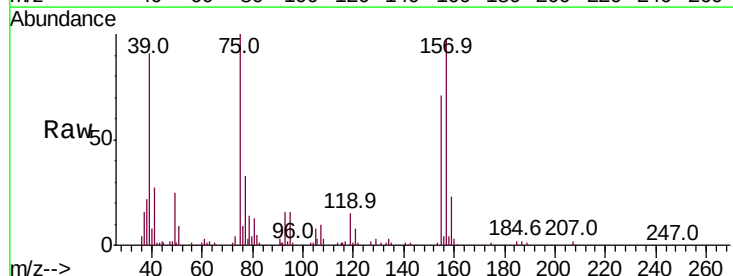
Tgt Ion: 75 Resp: 64714

Ion Ratio Lower Upper

75 100

155 71.0 36.1 108.5

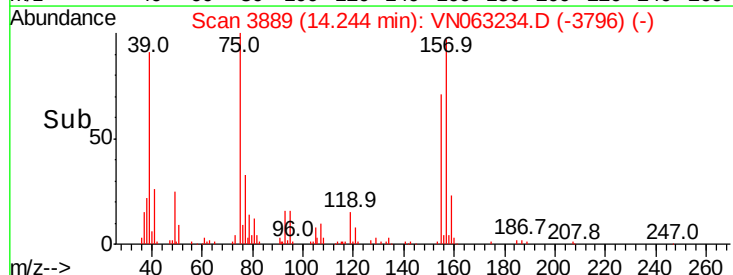
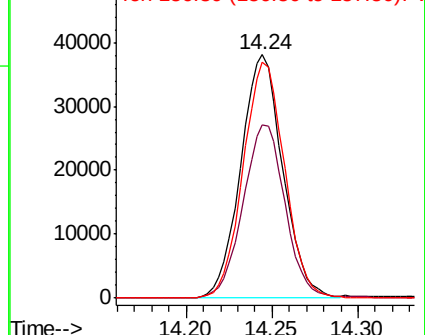
157 95.3 48.4 145.0

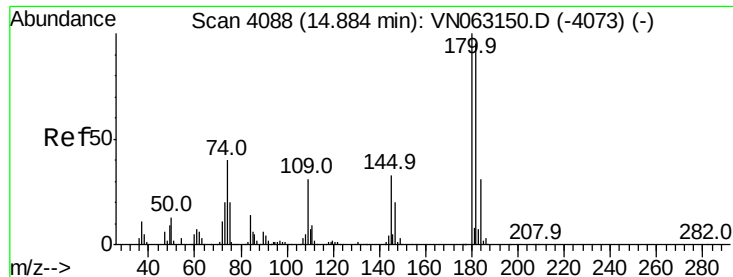


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

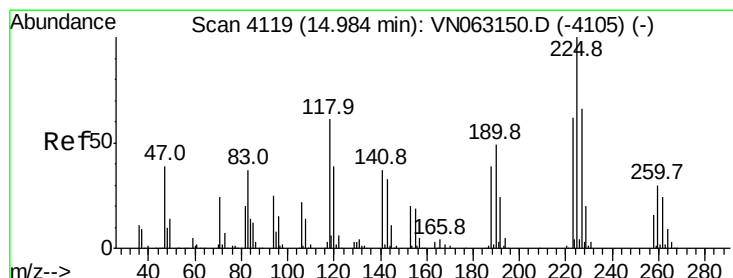
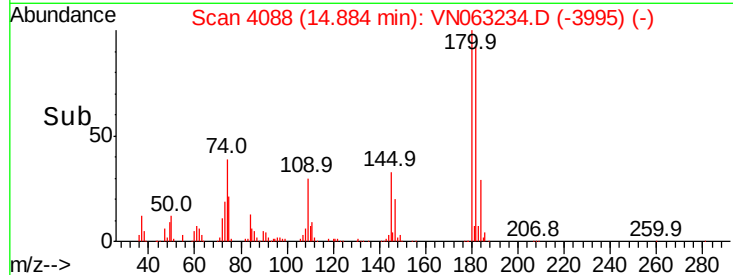
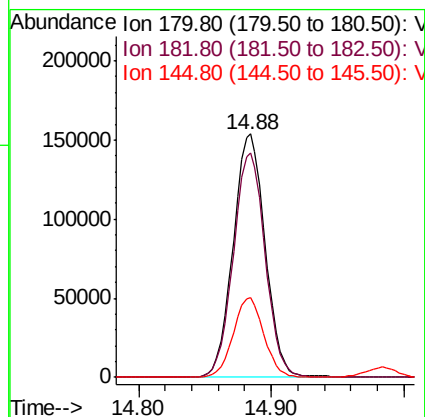
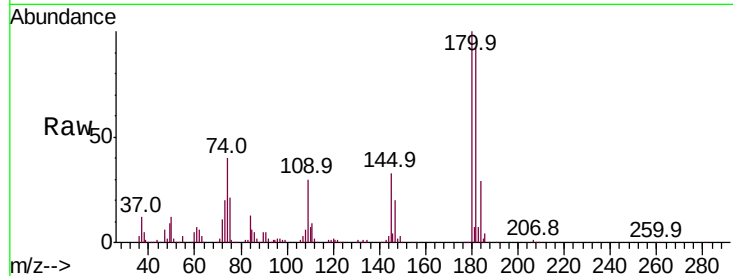




#93
 1,2,4-Trichlorobenzene
 Concen: 52.058 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

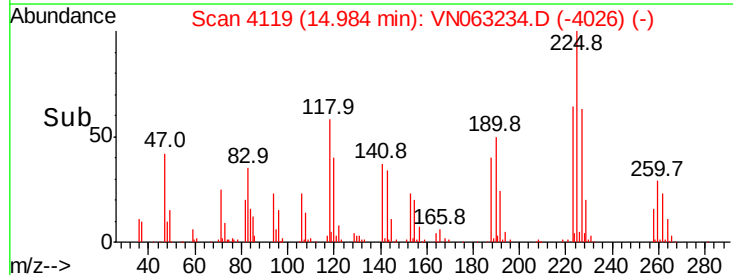
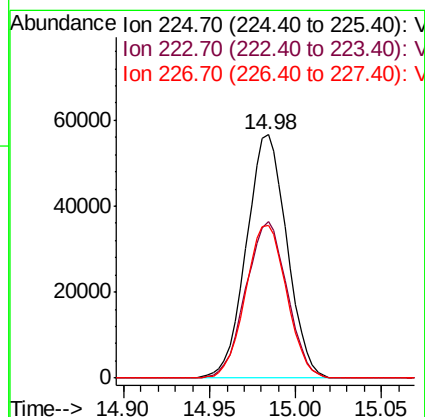
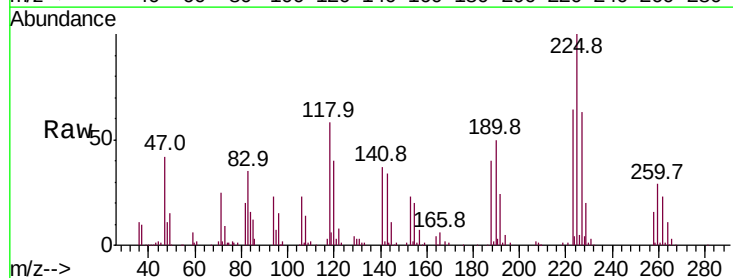
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

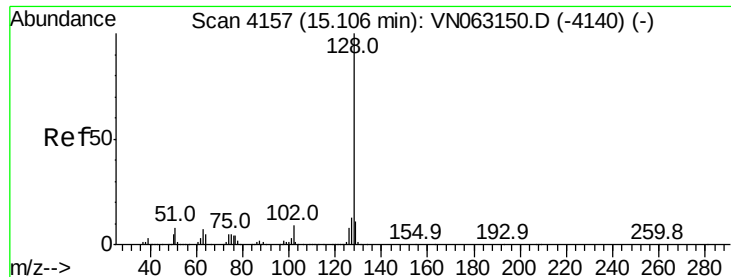
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.5	142.5
145	31.5	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 50.324 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063234.D
 Acq: 4 Sep 2020 9:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	30.9	92.7
227	63.8	32.9	98.7





#95

Naphthalene

Concen: 49.836 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063234.D

Acq: 4 Sep 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

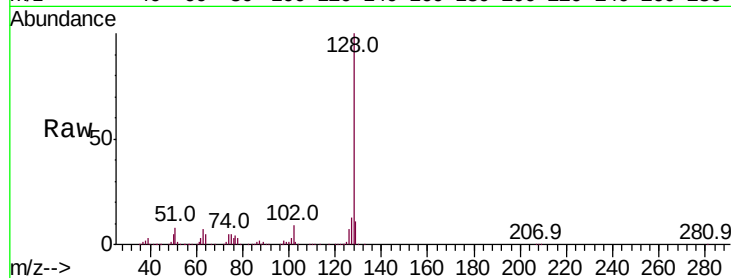
Tot Ion:128 Resp: 819920

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

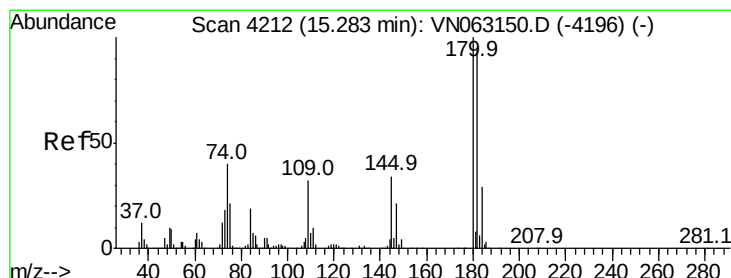
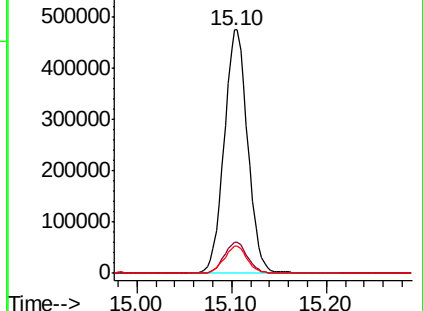
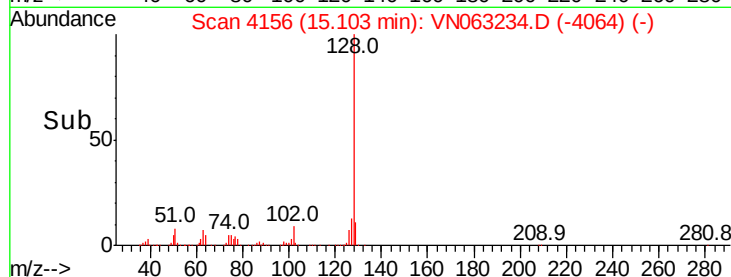
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.221 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

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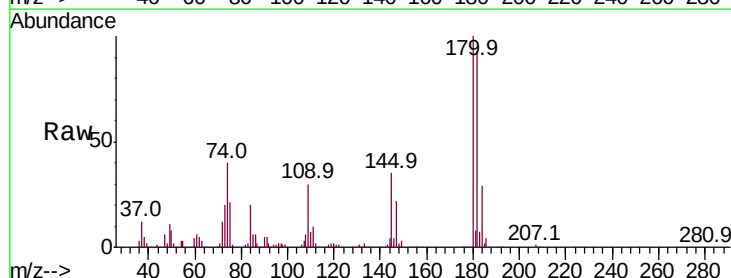
Tgt Ion:180 Resp: 246088

Ion Ratio Lower Upper

180 100

182 92.8 47.5 142.5

145 33.9 17.3 52.0



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

