

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063182.D
 Acq On : 2 Sep 2020 9:27
 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 03 00:55:34 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	453134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	805545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	755261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	356877	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	344114	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
35) Dibromofluoromethane	7.55	113	255180	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.06	98	1021616	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.38	95	355103	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	206853	46.352	ug/l	98
3) Chloromethane	2.04	50	278869	42.915	ug/l	99
4) Vinyl Chloride	2.17	62	332905	46.378	ug/l	98
5) Bromomethane	2.54	94	298958	49.478	ug/l	98
6) Chloroethane	2.68	64	284744	49.891	ug/l	99
7) Trichlorofluoromethane	2.98	101	516604	52.349	ug/l	95
8) Diethyl Ether	3.37	74	156055	45.438	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	243795	49.968	ug/l	99
10) Methyl Iodide	3.91	142	292600	43.971	ug/l	100
11) Tert butyl alcohol	4.73	59	215656	237.178	ug/l	97
12) 1,1-Dichloroethene	3.70	96	239641	48.202	ug/l	96
13) Acrolein	3.58	56	25055	83.582	ug/l	100
14) Allyl chloride	4.27	41	425859	48.231	ug/l	96
15) Acrylonitrile	4.93	53	587016	230.667	ug/l	100
16) Acetone	3.77	43	602573	286.161	ug/l	99
17) Carbon Disulfide	4.01	76	670353	45.301	ug/l	100
18) Methyl Acetate	4.28	43	267513	49.547	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	875342	47.462	ug/l	97
20) Methylene Chloride	4.50	84	282918	47.760	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	273557	49.804	ug/l	91
22) Diisopropyl ether	5.90	45	954261	48.228	ug/l	95
23) Vinyl Acetate	5.84	43	3977476	251.933	ug/l	99
24) 1,1-Dichloroethane	5.80	63	526061	48.228	ug/l	99
25) 2-Butanone	6.78	43	879028	269.600	ug/l	100
26) 2,2-Dichloropropane	6.77	77	490425	49.624	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	321405	48.142	ug/l	100
28) Bromochloromethane	7.15	49	259668	45.566	ug/l	97
29) Tetrahydrofuran	7.16	42	549249	243.625	ug/l	99
30) Chloroform	7.33	83	558152	48.909	ug/l	96
31) Cyclohexane	7.61	56	463114	48.113	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	497024	50.542	ug/l	100
36) 1,1-Dichloropropene	7.75	75	415773	53.689	ug/l	99
37) Ethyl Acetate	6.88	43	369181	50.483	ug/l #	95
38) Carbon Tetrachloride	7.73	117	422954	53.855	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	474223	54.509	ug/l	99
40) Benzene	8.00	78	1217710	53.509	ug/l	99
41) Methacrylonitrile	7.13	41	186292	57.103	ug/l	94
42) 1,2-Dichloroethane	8.08	62	459112	54.008	ug/l	100
43) Isopropyl Acetate	8.12	43	674556	53.411	ug/l #	92
44) Trichloroethene	8.80	130	316552	57.348	ug/l	99
45) 1,2-Dichloropropane	9.08	63	311603	51.716	ug/l	96
46) Dibromomethane	9.17	93	214459	53.710	ug/l	98
47) Bromodichloromethane	9.37	83	456432	53.330	ug/l	100
48) Methyl methacrylate	9.16	41	306351	53.808	ug/l	97
49) 1,4-Dioxane	9.17	88	94358	1071.519	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1918969	279.612	ug/l	99
52) Toluene	10.12	92	783474	55.267	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	500189	53.428	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	526445	53.571	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	290483	53.505	ug/l	98
56) Ethyl methacrylate	10.40	69	442969	53.614	ug/l	99
57) 1,3-Dichloropropane	10.68	76	519703	53.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	920909	215.242	ug/l	99
59) 2-Hexanone	10.72	43	1452301	301.108	ug/l	99
60) Dibromochloromethane	10.87	129	335722	55.933	ug/l	99
61) 1,2-Dibromoethane	10.98	107	304095	53.882	ug/l	98
64) Tetrachloroethene	10.60	164	320726	59.136	ug/l	98
65) Chlorobenzene	11.41	112	804963	52.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	299890	53.098	ug/l	99
67) Ethyl Benzene	11.49	91	1526813	55.019	ug/l	98
68) m/p-Xylenes	11.60	106	1122529	109.216	ug/l	100
69) o-Xylene	11.92	106	532857	53.667	ug/l	97
70) Styrene	11.94	104	936519	54.883	ug/l	100
71) Bromoform	12.10	173	206645	53.914	ug/l #	98
73) Isopropylbenzene	12.23	105	1475701	53.913	ug/l	99
74) N-amyl acetate	12.05	43	591582	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	382099	48.419	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	540521	77.086	ug/l #	100
77) Bromobenzene	12.50	156	326692	52.774	ug/l	95
78) n-propylbenzene	12.57	91	1752757	55.338	ug/l	99
79) 2-Chlorotoluene	12.65	91	993580	52.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1256002	55.128	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	139860	48.209	ug/l	96
82) 4-Chlorotoluene	12.75	91	1048496	53.290	ug/l	100
83) tert-Butylbenzene	12.97	119	1029131	52.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1270636	55.329	ug/l	97
85) sec-Butylbenzene	13.15	105	1427745	56.065	ug/l	100
86) p-Isopropyltoluene	13.26	119	1270652	56.201	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	618485	54.386	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	613529	52.103	ug/l	100
89) n-Butylbenzene	13.59	91	1198105	57.361	ug/l	99
90) Hexachloroethane	13.85	117	211187	50.460	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	604109	54.741	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	83808	48.306	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
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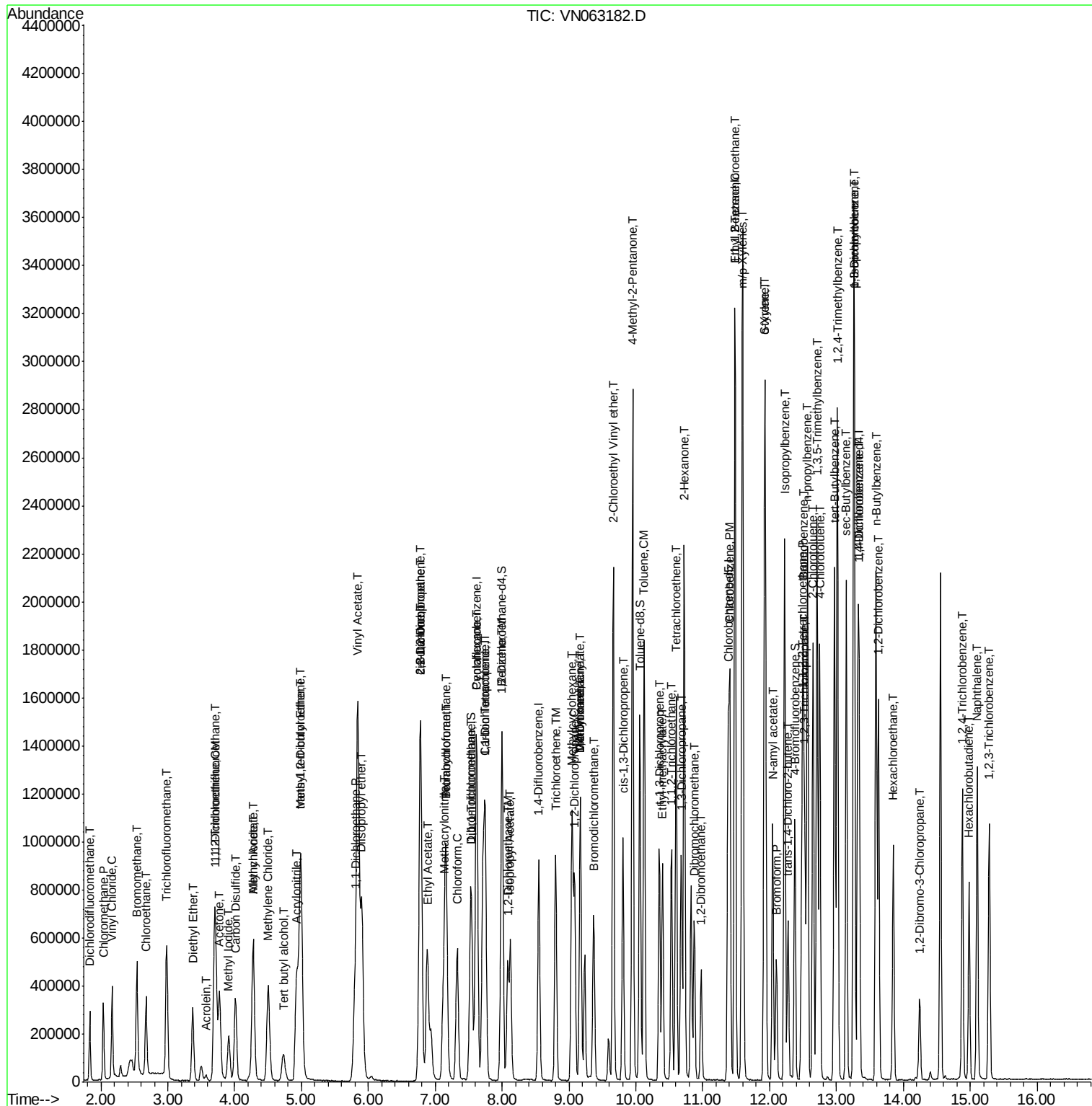
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	338559	54.912	ug/l	99
94) Hexachlorobutadiene	14.98	225	124159	53.906	ug/l	99
95) Naphthalene	15.11	128	1063397	51.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	320668	53.384	ug/l	99

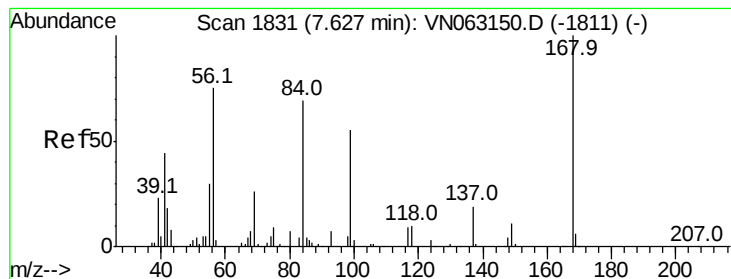
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

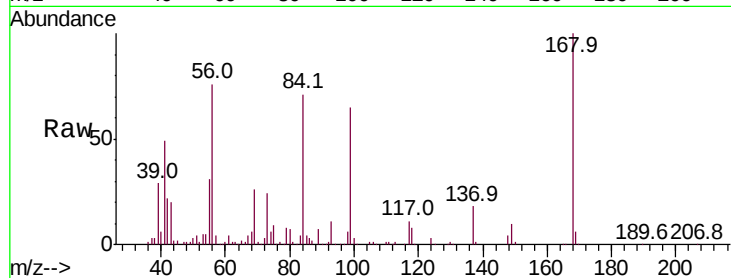
VSTDCCC050

Tot Ion:168 Resp: 453134

Ion Ratio Lower Upper

168 100

99 64.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

200000

150000

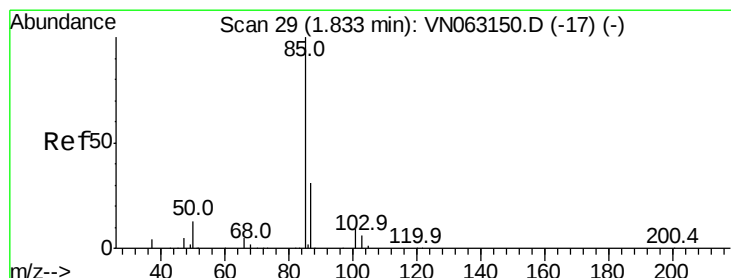
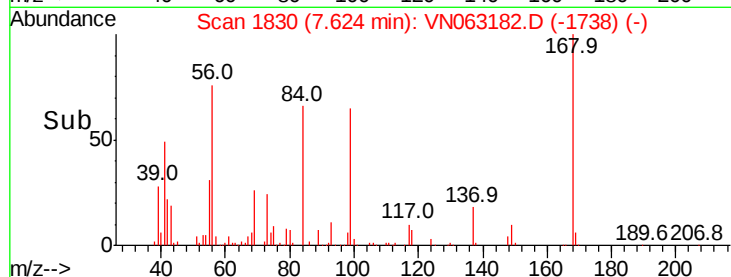
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.352 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063182.D

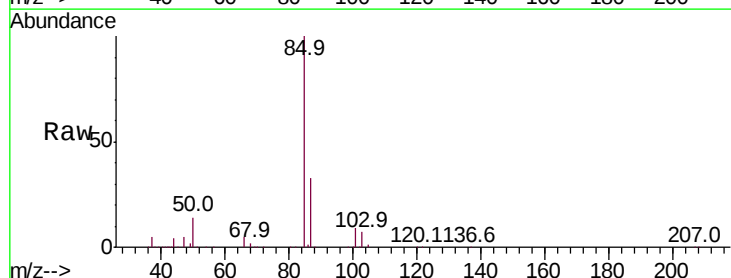
Acq: 2 Sep 2020 9:27

Tgt Ion: 85 Resp: 206853

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

150000

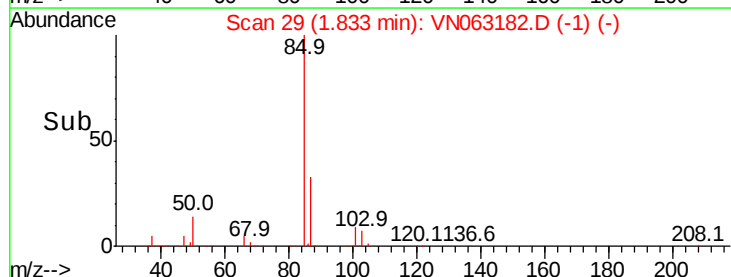
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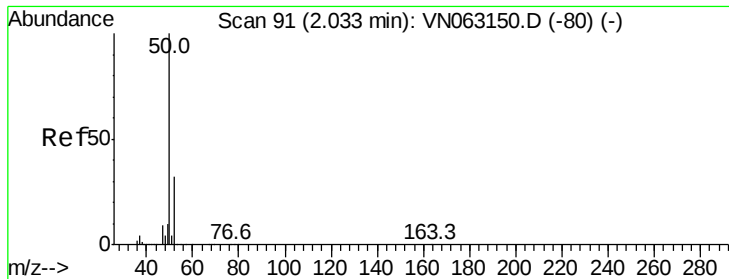
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.915 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

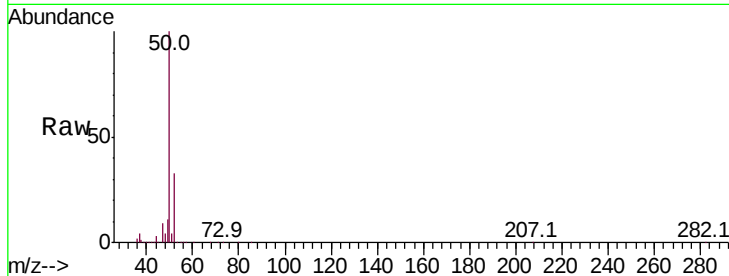
VSTDCCC050

Tot Ion: 50 Resp: 278869

Ion Ratio Lower Upper

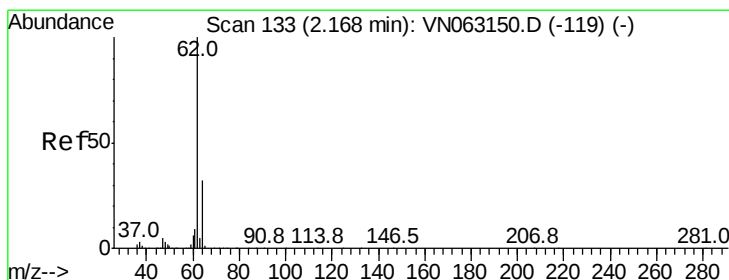
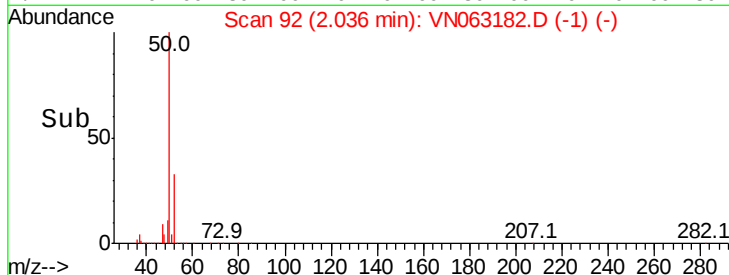
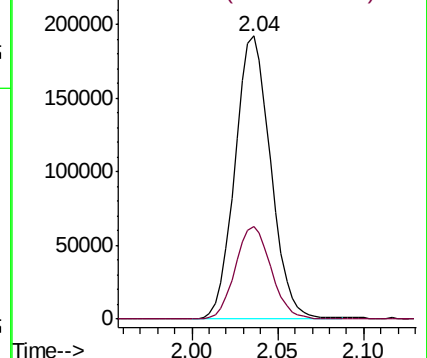
50 100

52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.378 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063182.D

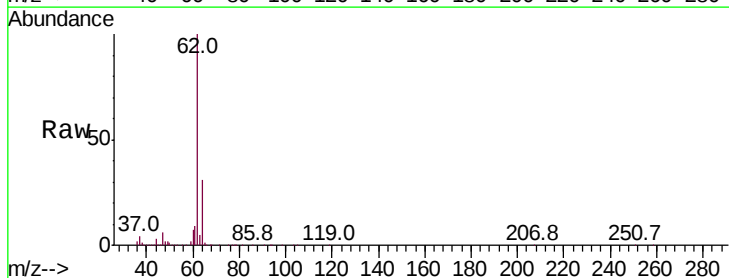
Acq: 2 Sep 2020 9:27

Tgt Ion: 62 Resp: 332905

Ion Ratio Lower Upper

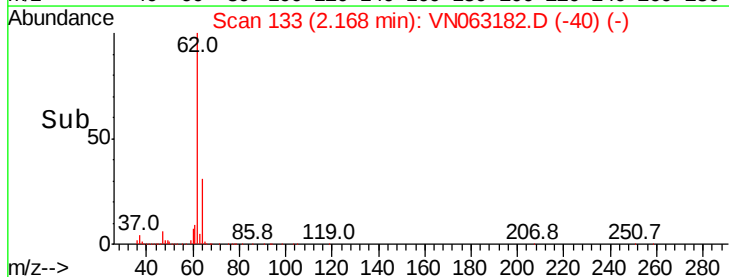
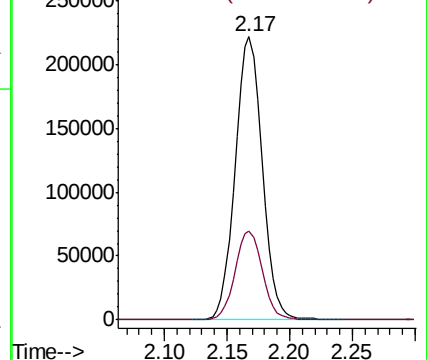
62 100

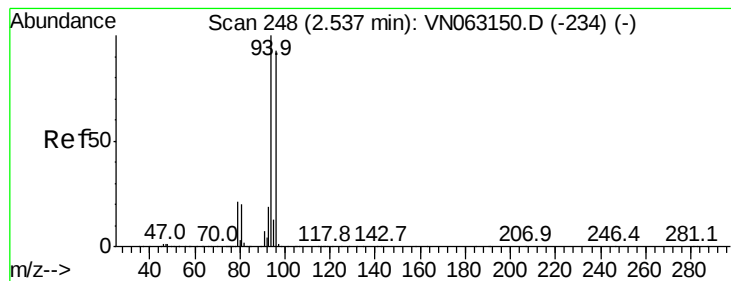
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 49.478 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

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ClientSampleId :

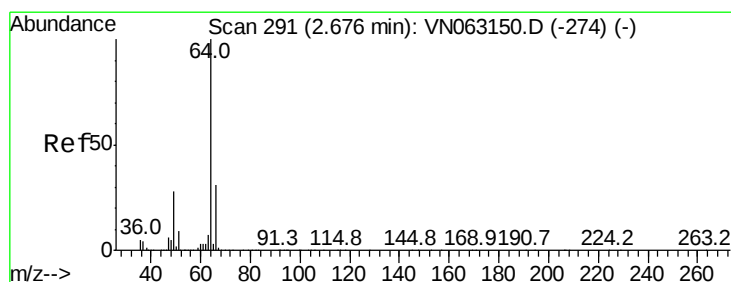
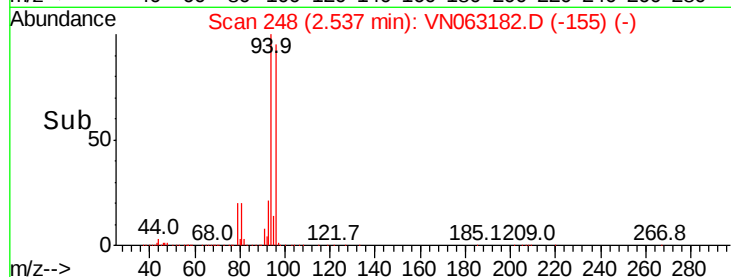
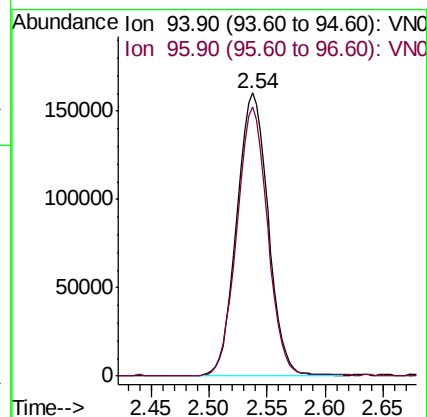
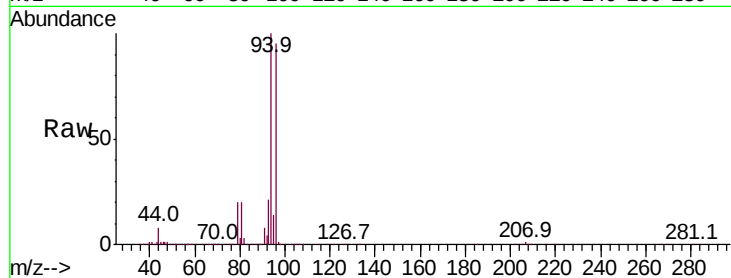
VSTDCCC050

Tot Ion: 94 Resp: 298958

Ion Ratio Lower Upper

94 100

96 95.2 74.4 111.6



#6

Chloroethane

Concen: 49.891 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063182.D

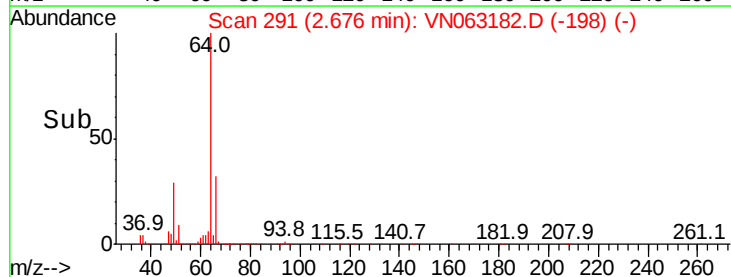
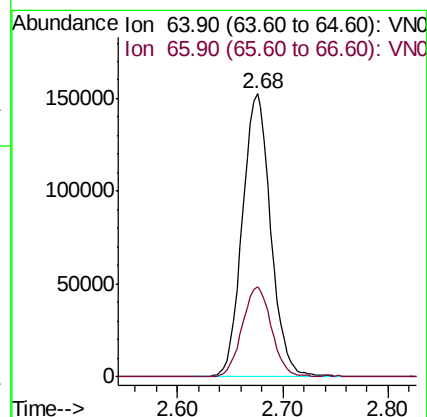
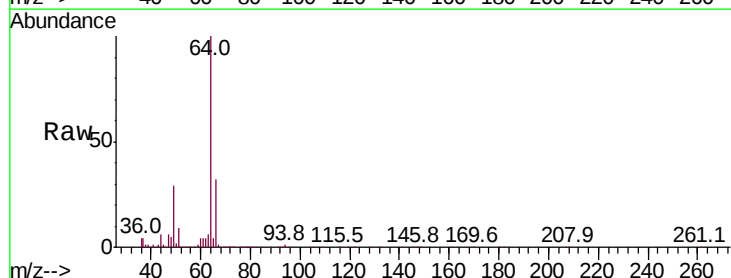
Acq: 2 Sep 2020 9:27

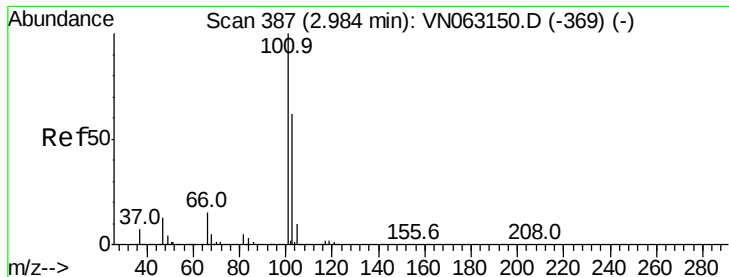
Tgt Ion: 64 Resp: 284744

Ion Ratio Lower Upper

64 100

66 31.7 24.7 37.1



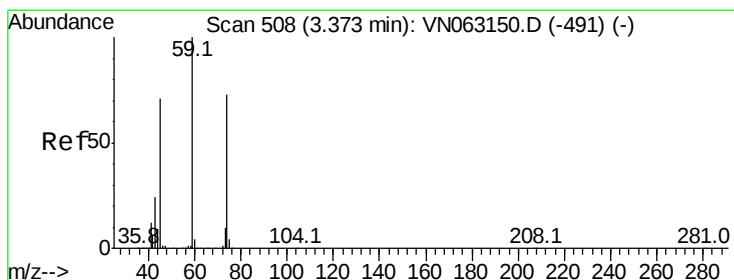
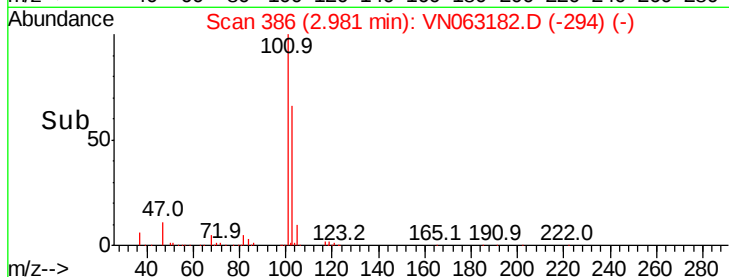
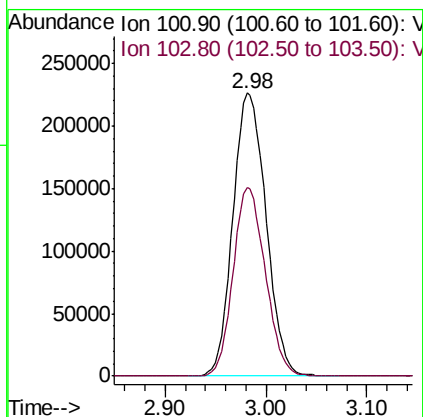
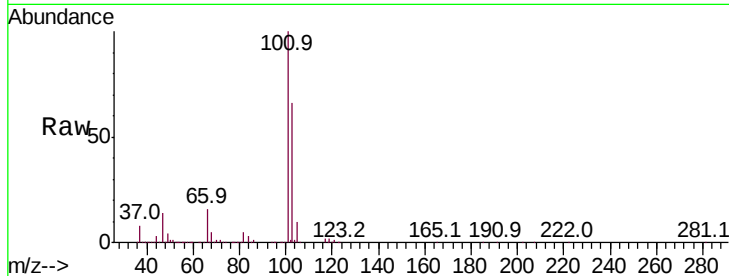


#7

Trichlorofluoromethane
Concen: 52.349 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

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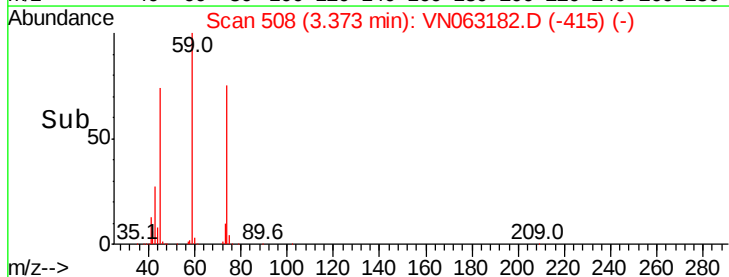
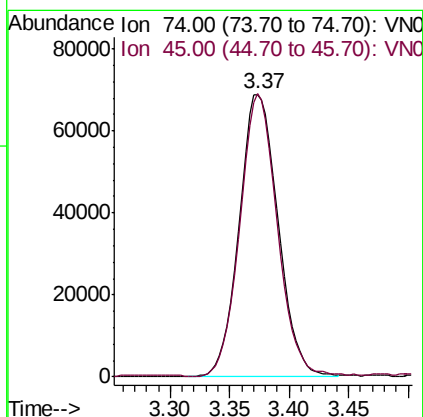
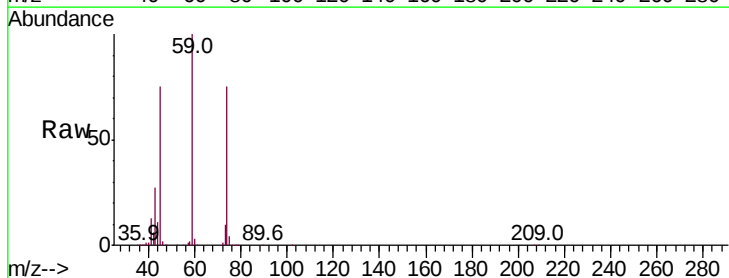
Tot Ion:101 Resp: 516604
Ion Ratio Lower Upper
101 100
103 66.3 49.7 74.5

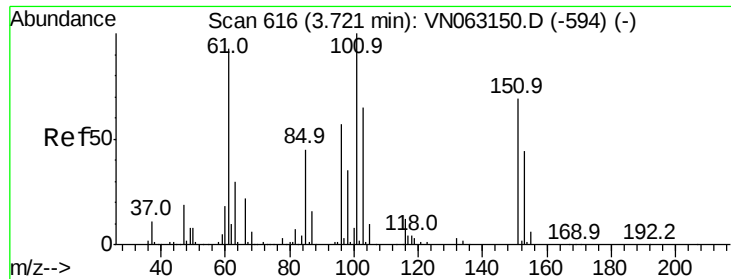


#8

Diethyl Ether
Concen: 45.438 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 74 Resp: 156055
Ion Ratio Lower Upper
74 100
45 95.9 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.968 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

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VSTDCCC050

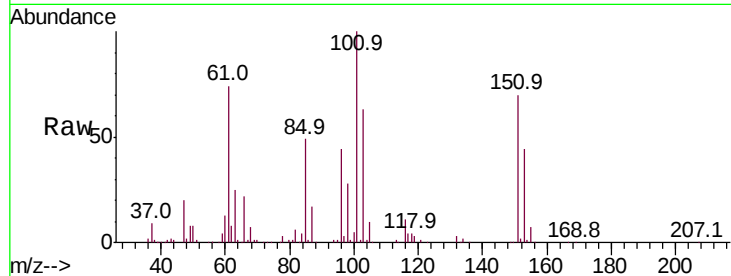
Tot Ion:101 Resp: 243795

Ion Ratio Lower Upper

101 100

85 46.9 37.8 56.8

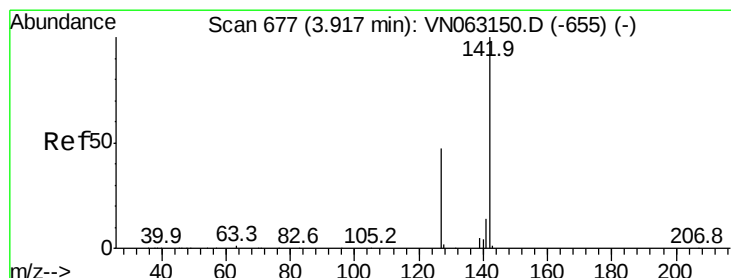
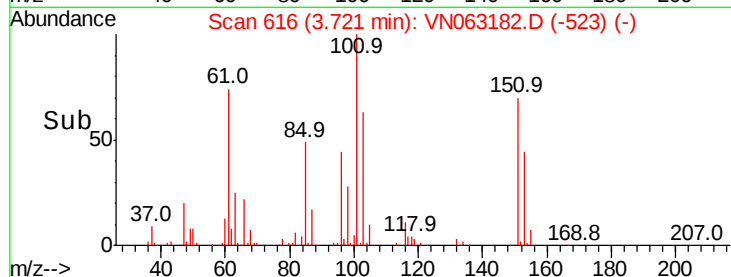
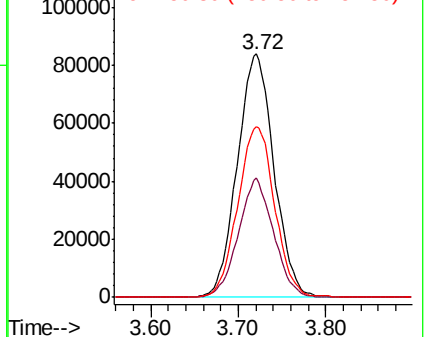
151 70.4 55.0 82.4



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: 43.971 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

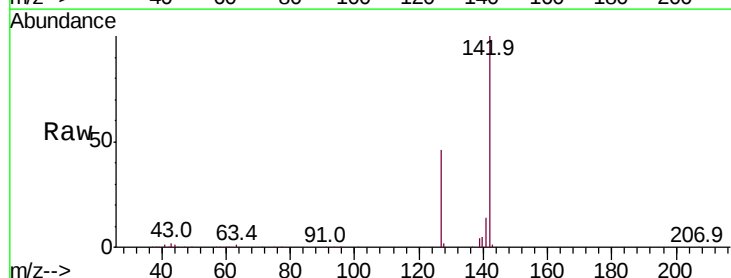
Tgt Ion:142 Resp: 292600

Ion Ratio Lower Upper

142 100

127 46.9 37.6 56.4

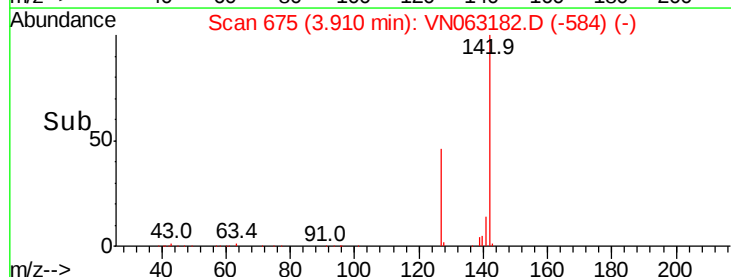
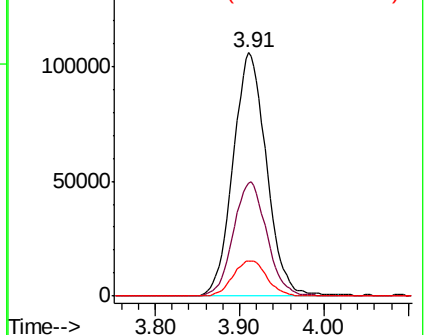
141 14.7 11.3 16.9

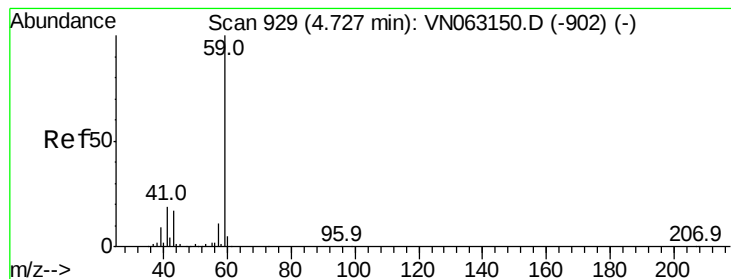


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



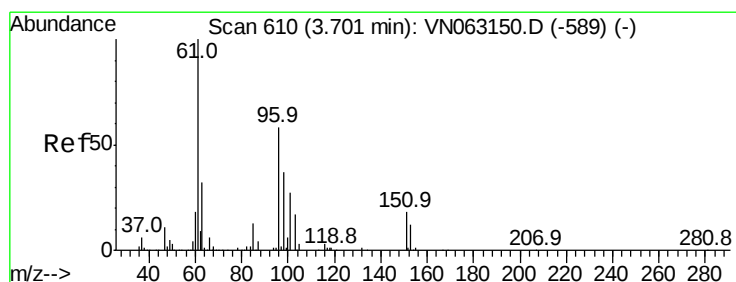
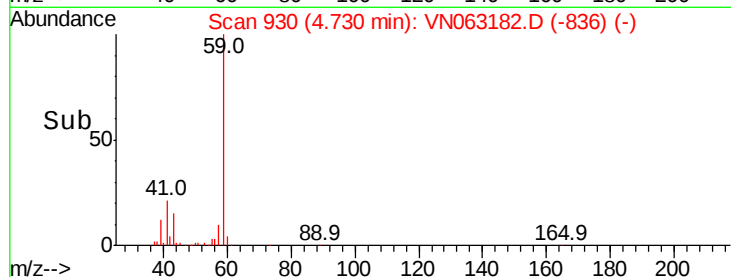
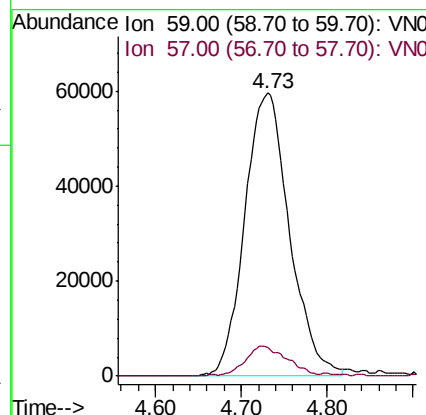
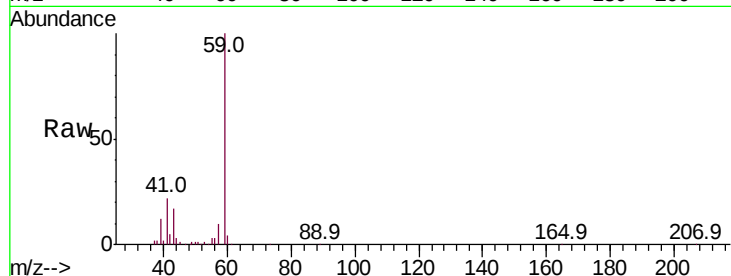


#11

Tert butyl alcohol
Concen: 237.178 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

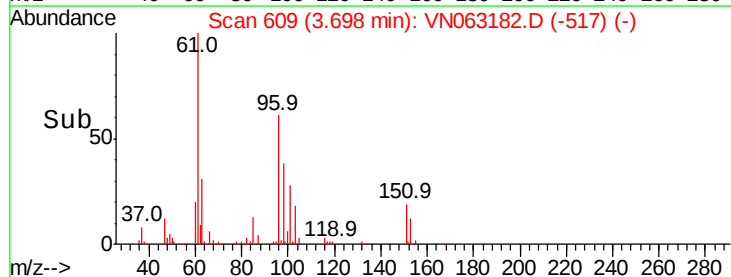
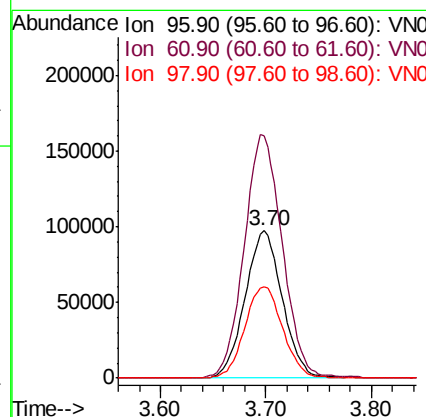
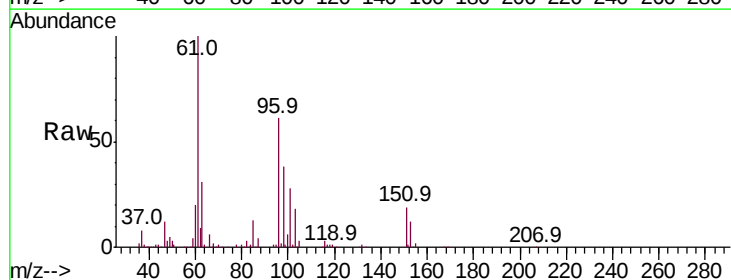
Tot Ion: 59 Resp: 215656
Ion Ratio Lower Upper
59 100
57 9.3 8.4 12.6

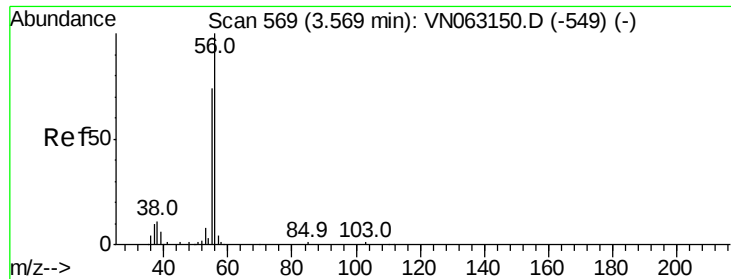


#12

1,1-Dichloroethene
Concen: 48.202 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 96 Resp: 239641
Ion Ratio Lower Upper
96 100
61 164.7 137.4 206.2
98 62.4 50.5 75.7





#13

Acrolein

Concen: 83.582 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampled :

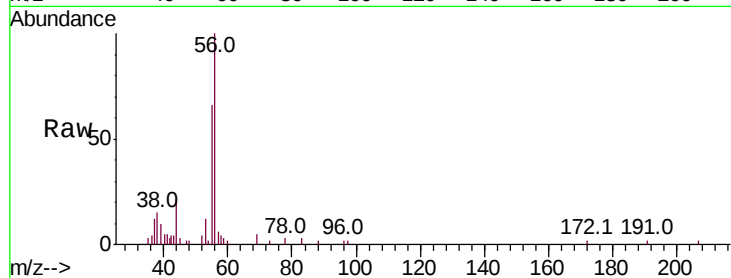
VSTDCCC050

Tot Ion: 56 Resp: 25055

Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063182.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN063182.D (-549) (-)

3.58

10000

8000

6000

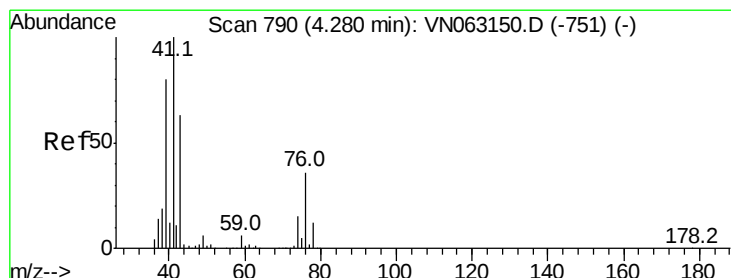
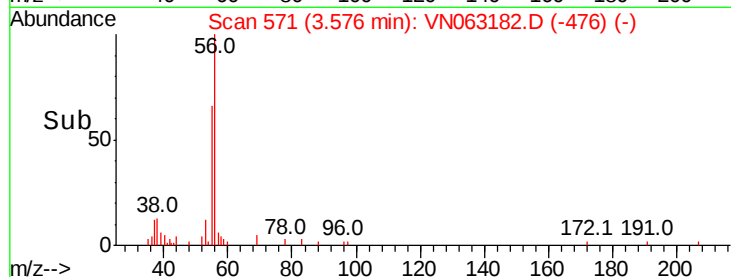
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 48.231 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

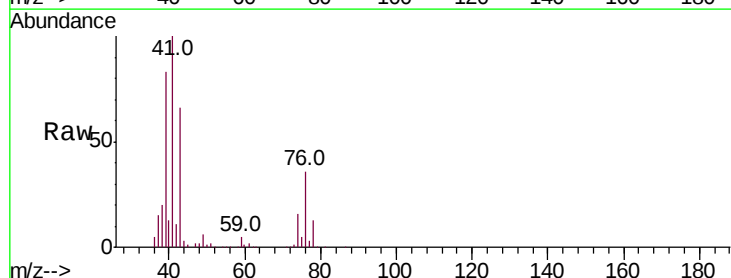
Tgt Ion: 41 Resp: 425859

Ion Ratio Lower Upper

41 100

39 80.3 60.2 90.2

76 34.4 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VN063182.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063182.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063182.D (-697) (-)

4.27

200000

150000

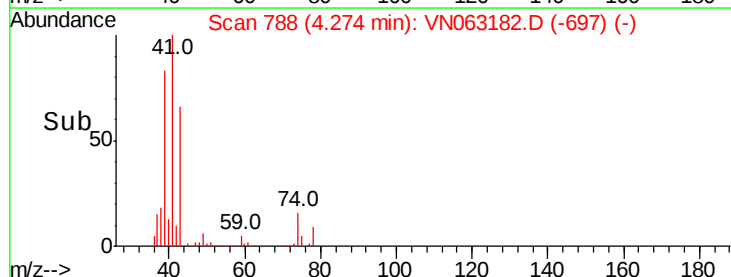
100000

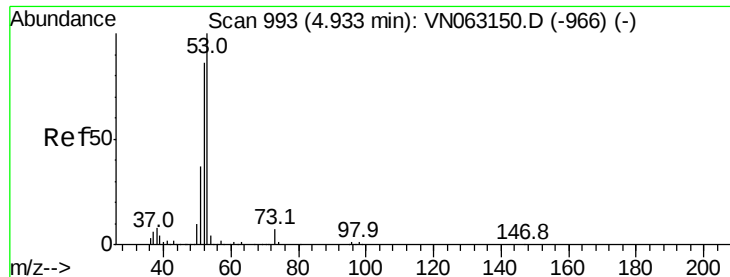
50000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 230.667 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

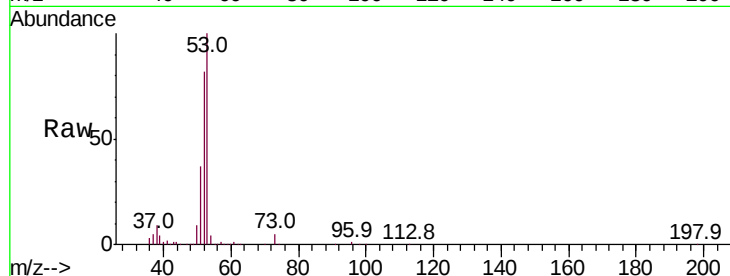
Tot Ion: 53 Resp: 587016

Ion Ratio Lower Upper

53 100

52 83.7 67.2 100.8

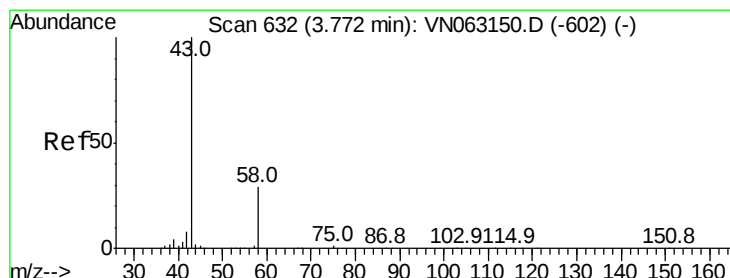
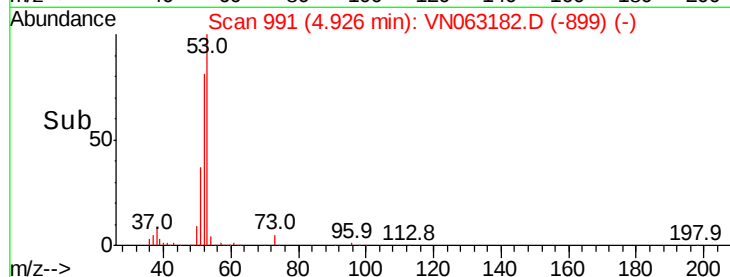
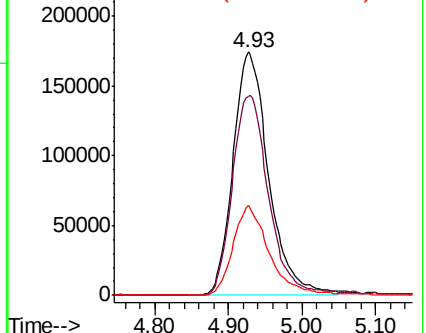
51 37.4 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 286.161 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063182.D

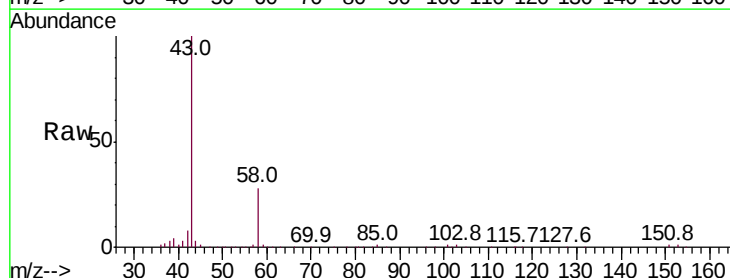
Acq: 2 Sep 2020 9:27

Tgt Ion: 43 Resp: 602573

Ion Ratio Lower Upper

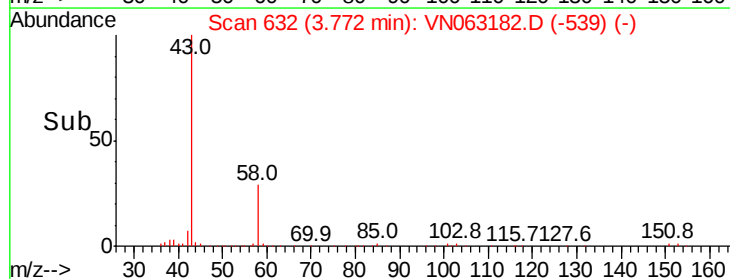
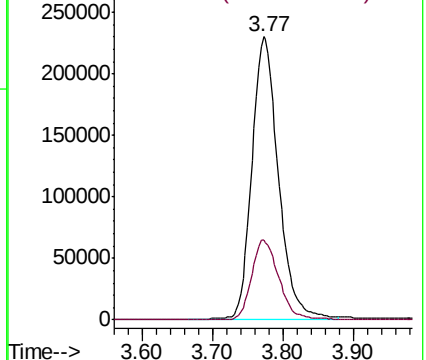
43 100

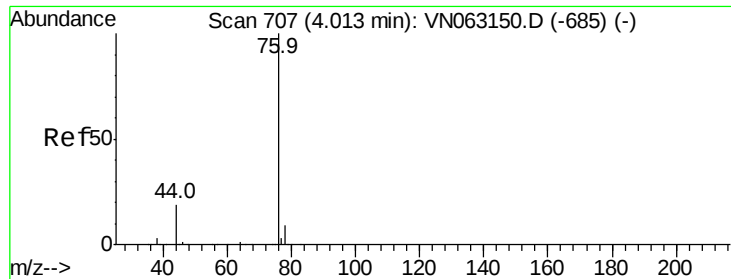
58 28.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

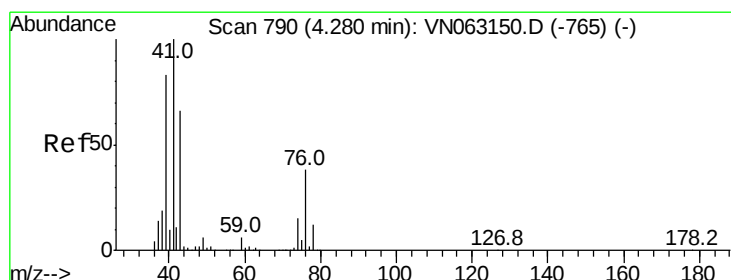
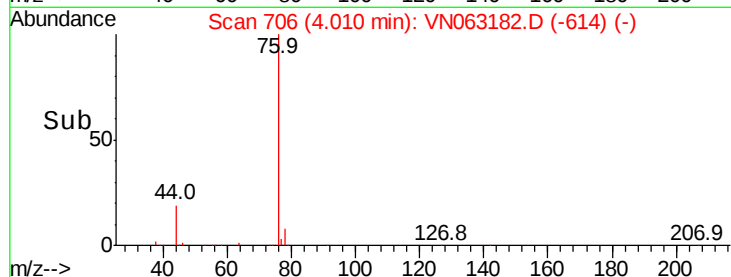
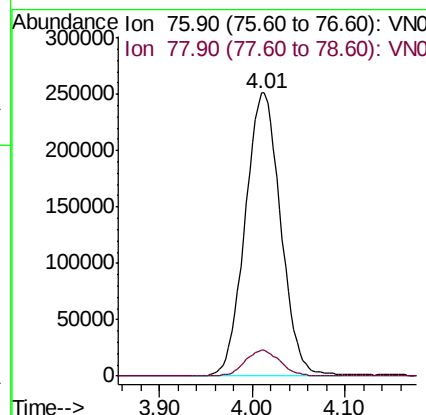
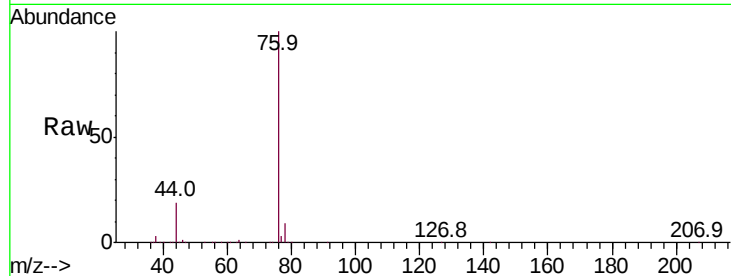




#17
Carbon Disulfide
Concen: 45.301 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

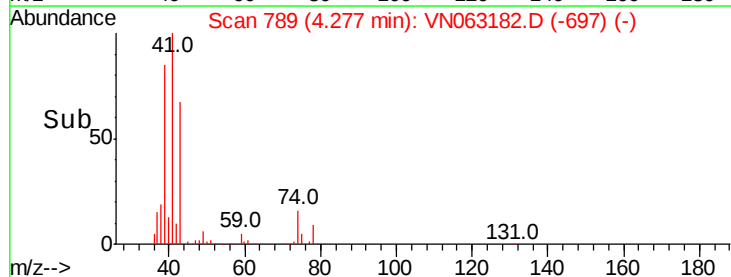
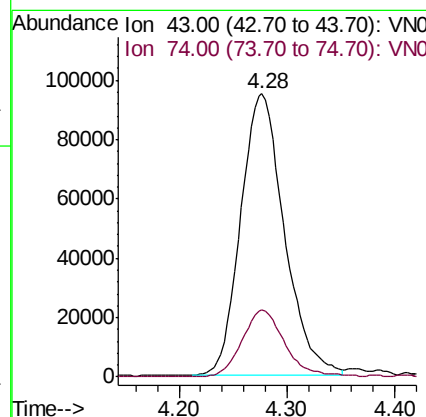
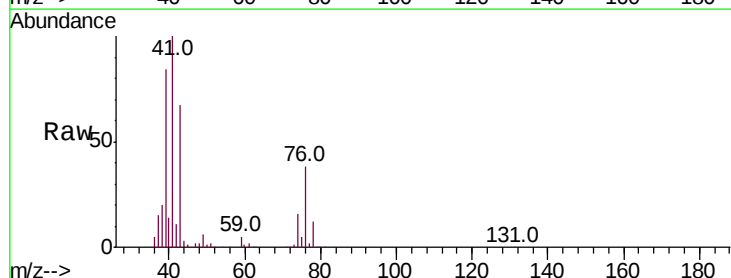
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

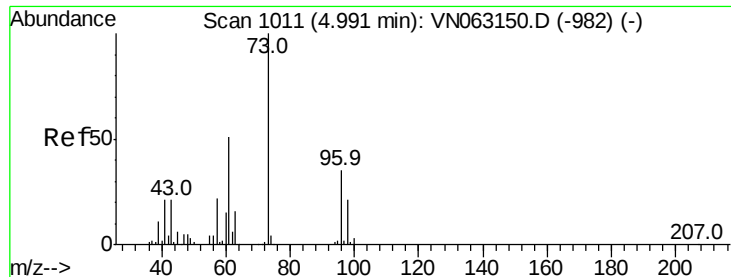
Tot Ion: 76 Resp: 670353
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 49.547 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 43 Resp: 267513
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.6

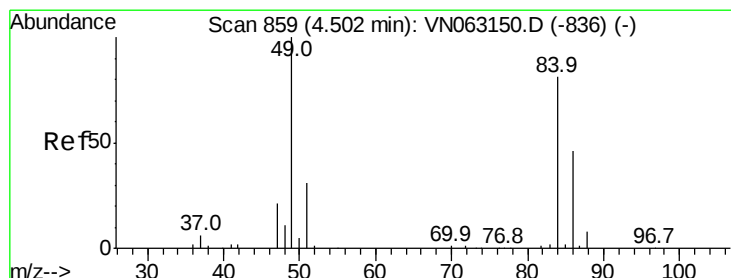
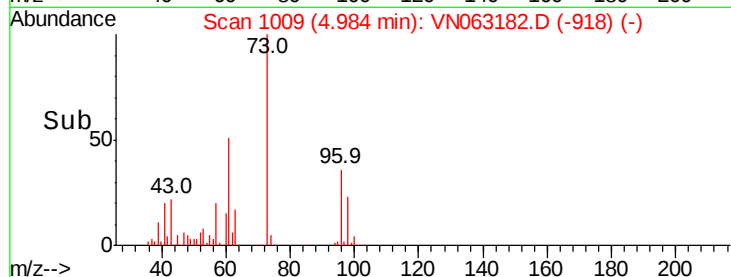
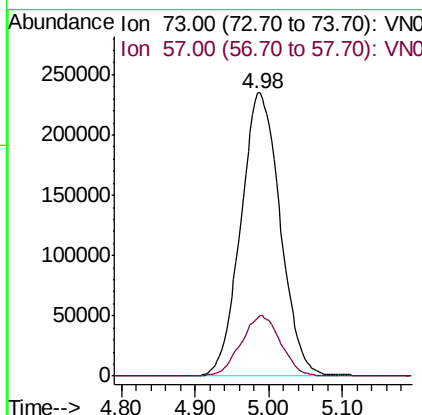
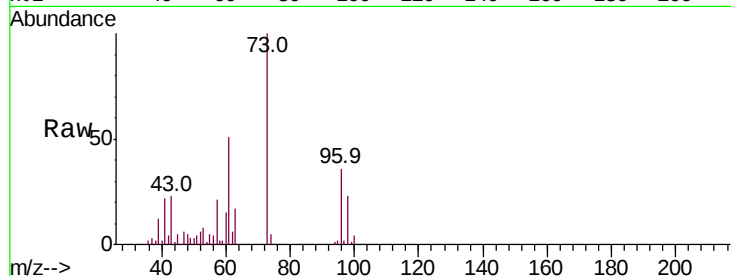




#19
Methvl tert-butvl Ether
Concen: 47.462 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

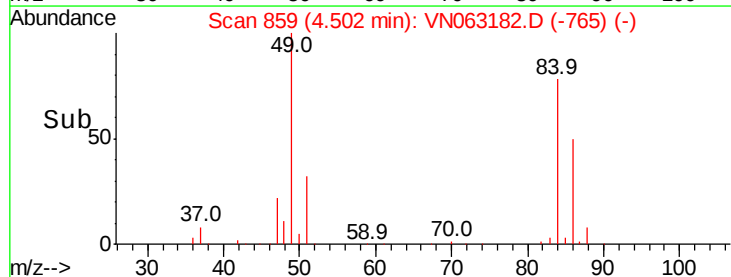
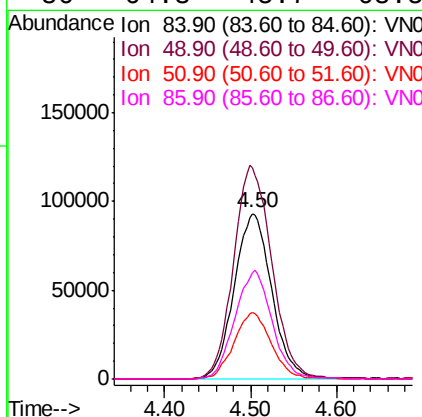
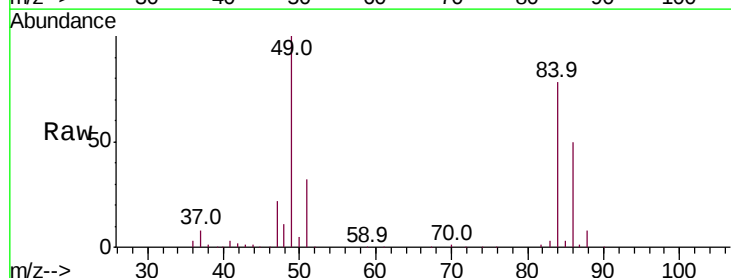
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

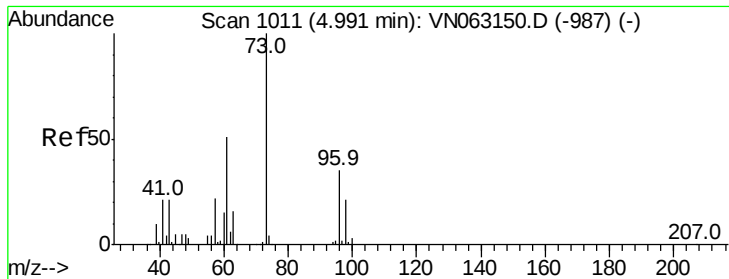
Tot Ion: 73 Resp: 875342
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4



#20
Methylene Chloride
Concen: 47.760 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 84 Resp: 282918
Ion Ratio Lower Upper
84 100
49 127.5 98.4 147.6
51 40.5 30.4 45.6
86 64.3 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 49.804 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

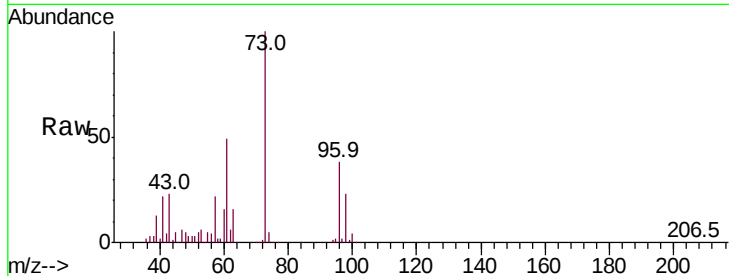
Tot Ion: 96 Resp: 273557

Ion Ratio Lower Upper

96 100

61 130.3 116.2 174.4

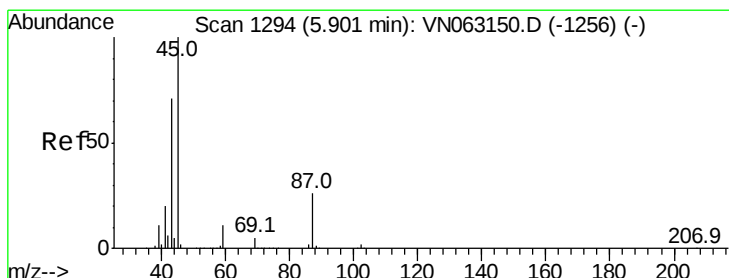
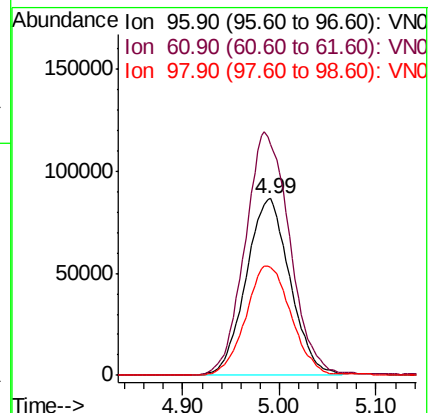
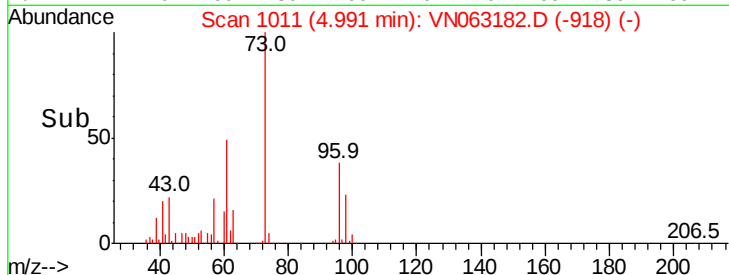
98 61.1 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-987) (-)



#22

Diisopropyl ether

Concen: 48.228 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Tgt Ion: 45 Resp: 954261

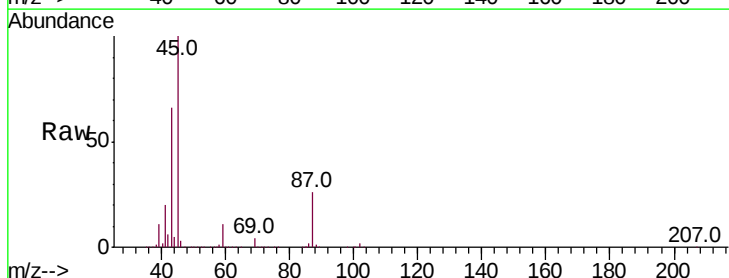
Ion Ratio Lower Upper

45 100

43 64.5 56.8 85.2

87 26.1 21.1 31.7

59 11.1 8.9 13.3

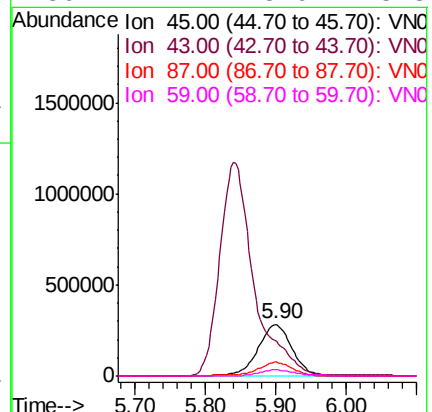
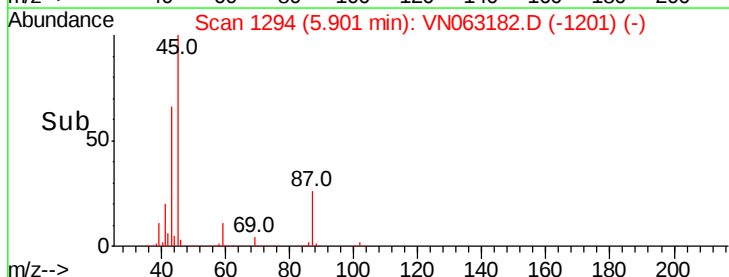


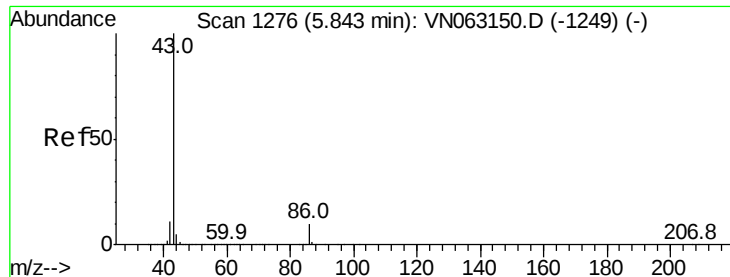
Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063150.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063150.D (-1256) (-)





#23

Vinyl Acetate

Concen: 251.933 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

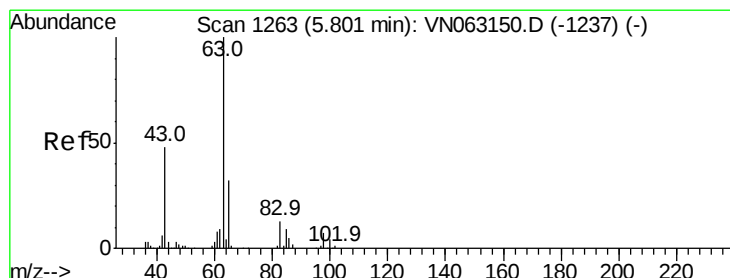
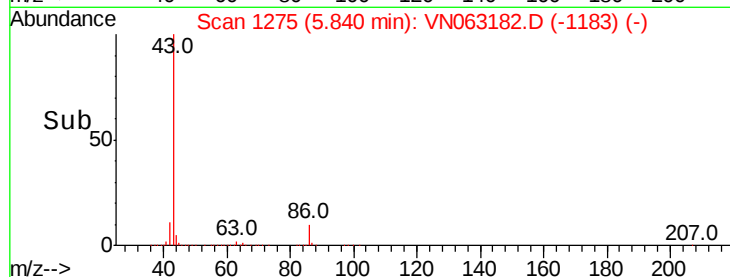
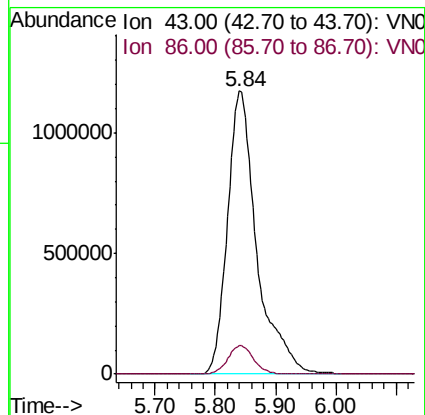
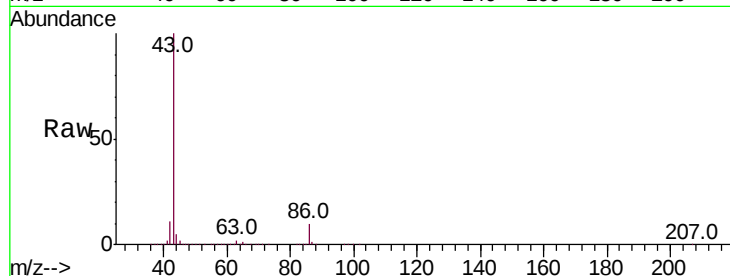
VSTDCCC050

Tot Ion: 43 Resp: 3977476

Ion Ratio Lower Upper

43 100

86 9.9 8.3 12.5



#24

1,1-Dichloroethane

Concen: 48.228 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

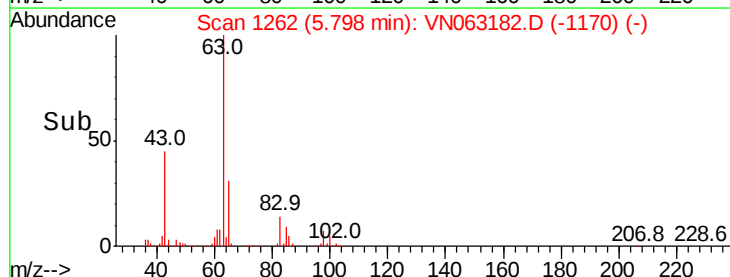
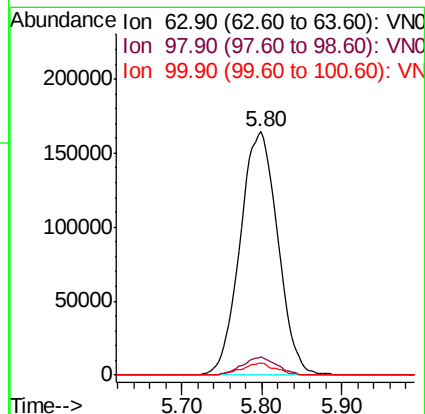
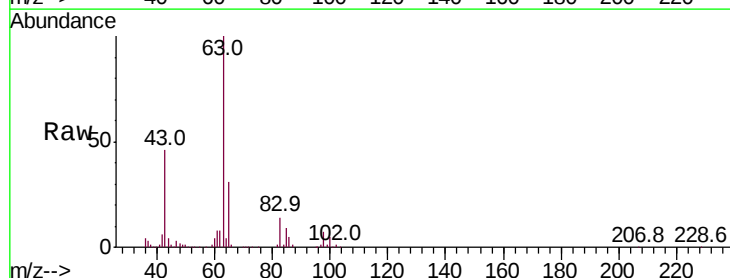
Tgt Ion: 63 Resp: 526061

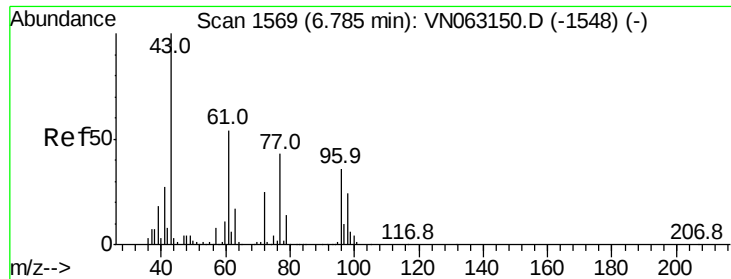
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.9 2.3 6.8

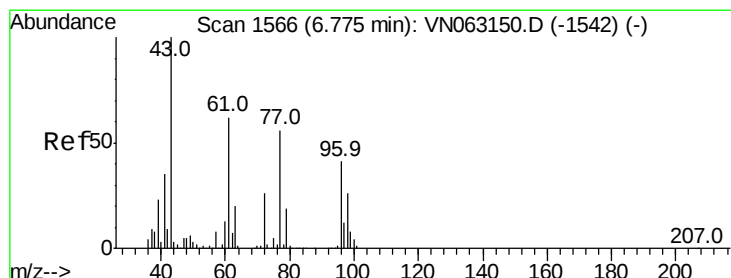
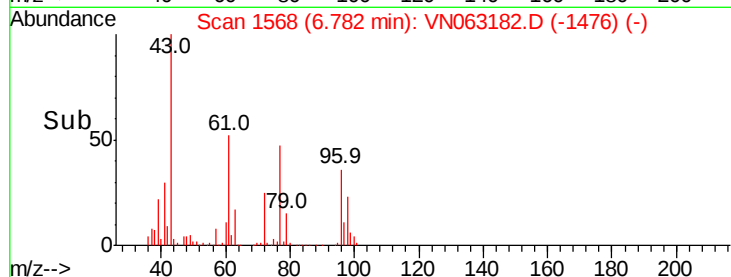
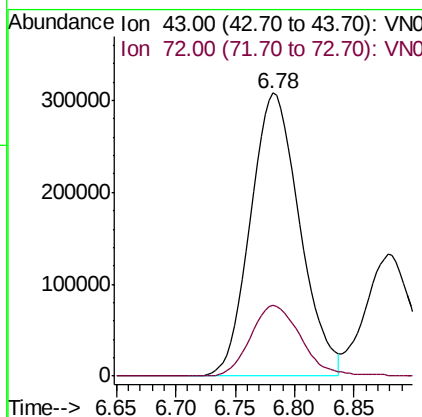
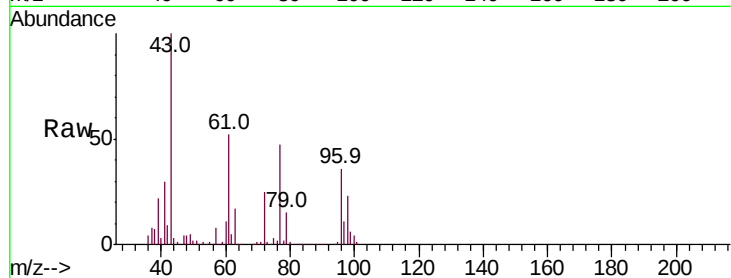




#25
 2-Butanone
 Concen: 269.600 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

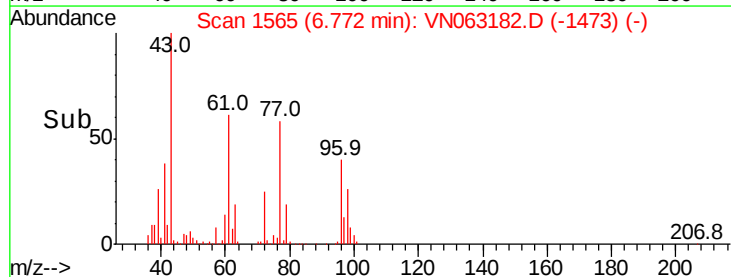
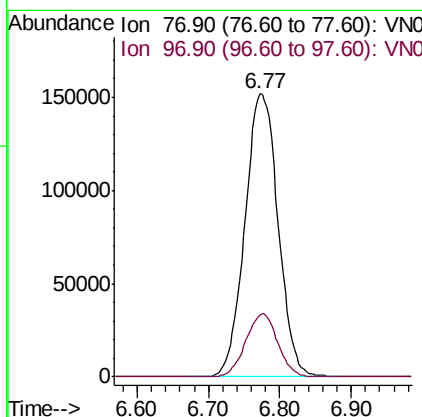
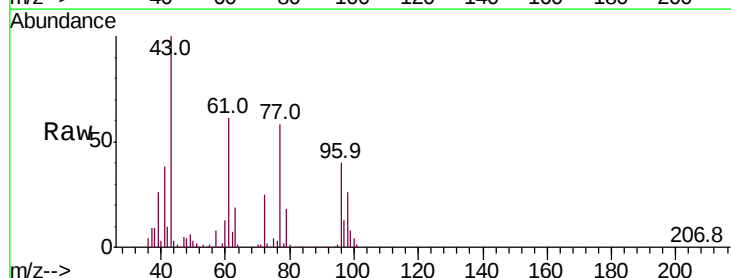
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

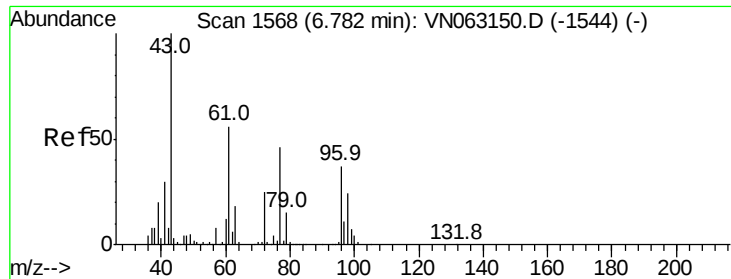
Tot Ion: 43 Resp: 879028
 Ion Ratio Lower Upper
 43 100
 72 25.1 20.2 30.4



#26
 2,2-Dichloropropane
 Concen: 49.624 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Tgt Ion: 77 Resp: 490425
 Ion Ratio Lower Upper
 77 100
 97 21.2 10.7 31.9

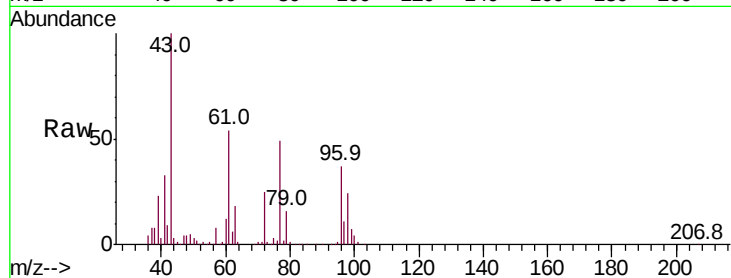




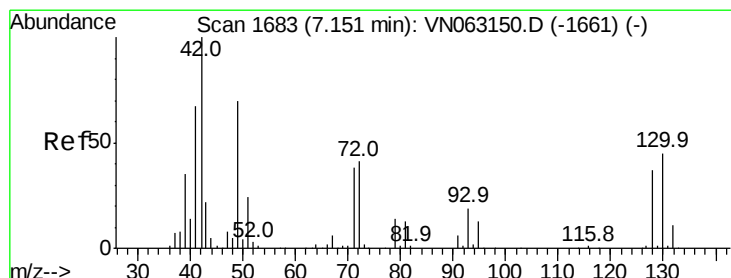
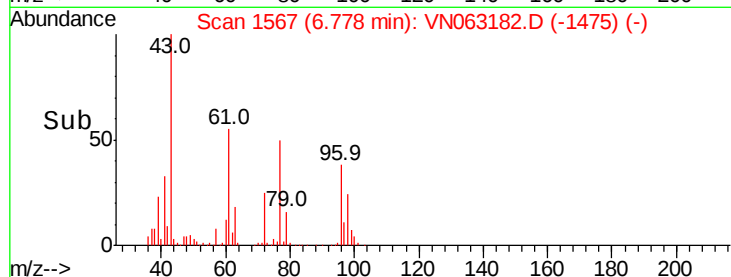
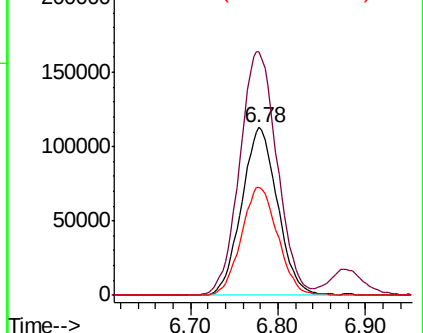
#27
 cis-1,2-Dichloroethene
 Concen: 48.142 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 321405
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 303.2
 98 65.5 0.0 129.0

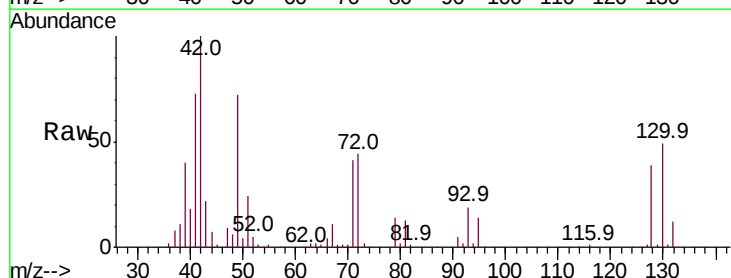


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

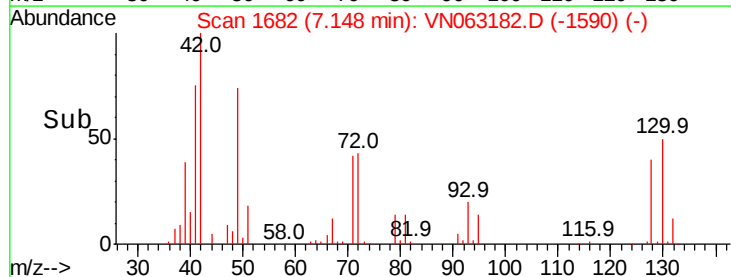
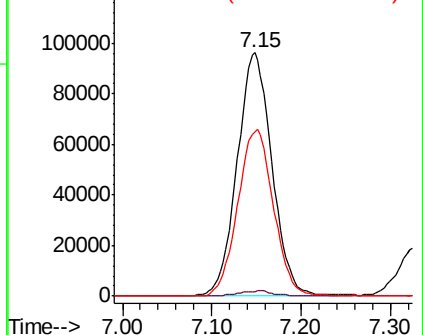


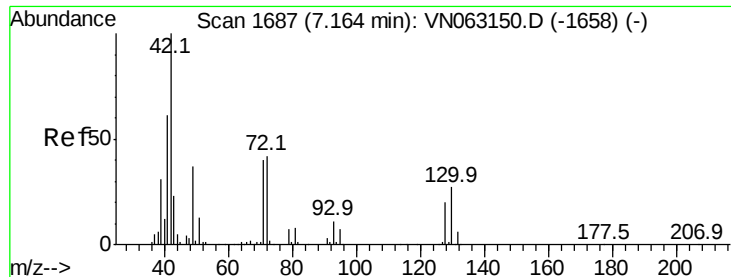
#28
 Bromochloromethane
 Concen: 45.566 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Tgt Ion: 49 Resp: 259668
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 70.4 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: 243.625 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

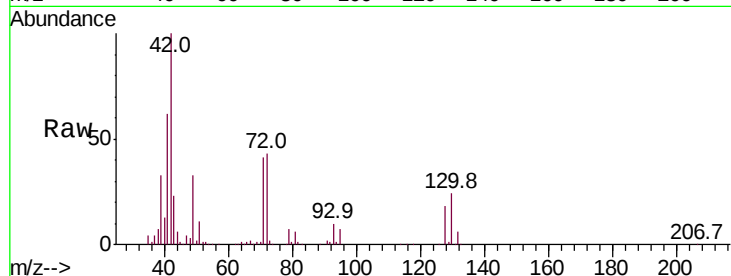
Tot Ion: 42 Resp: 549249

Ion Ratio Lower Upper

42 100

72 43.5 33.9 50.9

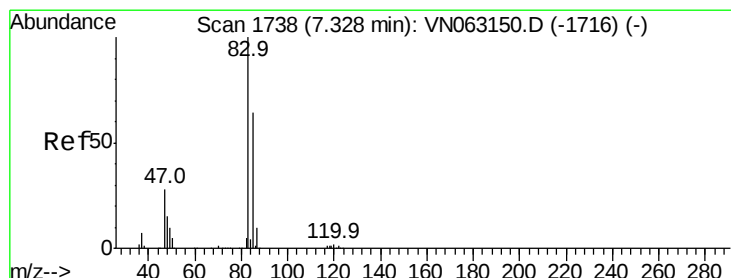
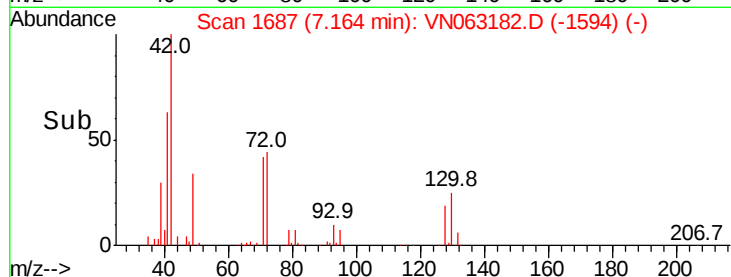
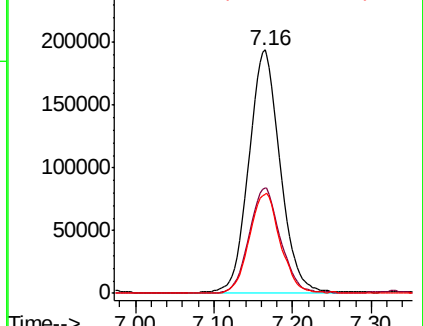
71 40.7 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN063150.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN063150.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN063150.D (-1658) (-)



#30

Chloroform

Concen: 48.909 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063182.D

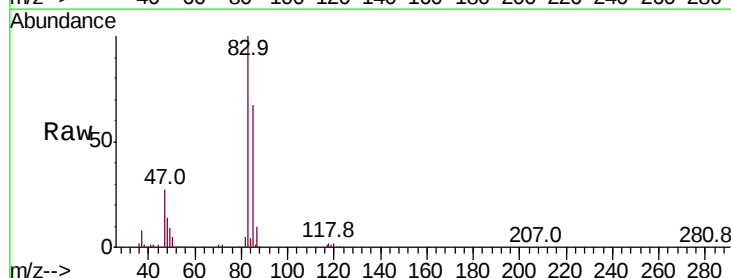
Acq: 2 Sep 2020 9:27

Tgt Ion: 83 Resp: 558152

Ion Ratio Lower Upper

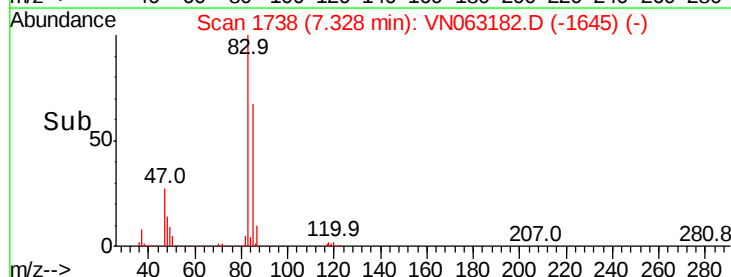
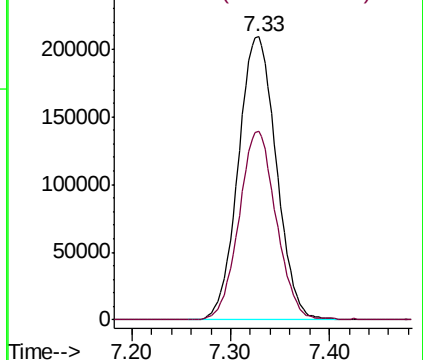
83 100

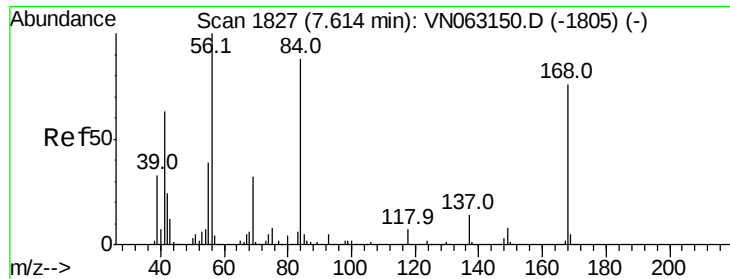
85 66.6 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-1716) (-)

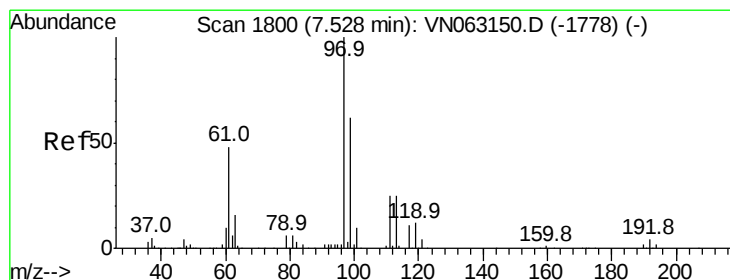
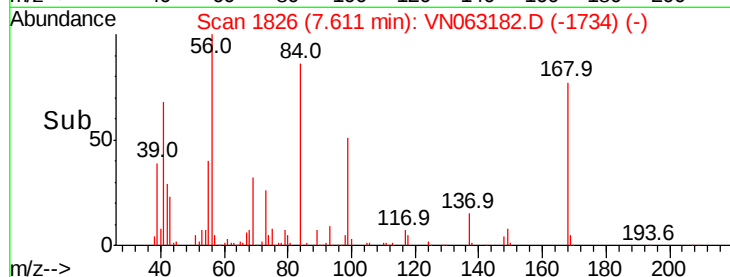
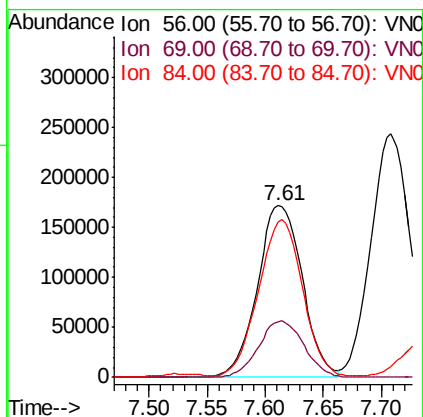
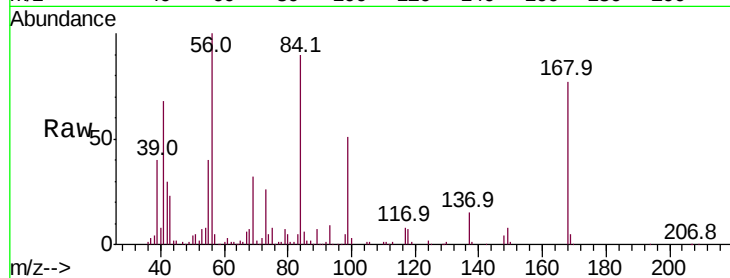




#31
Cyclohexane
Concen: 48.113 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

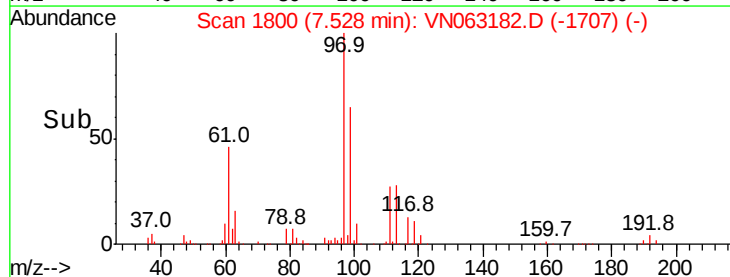
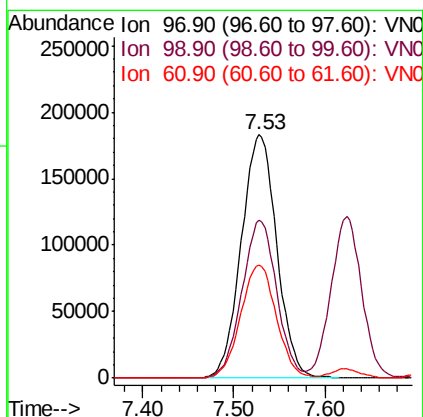
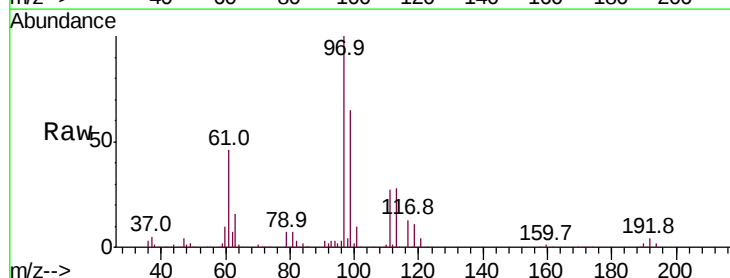
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

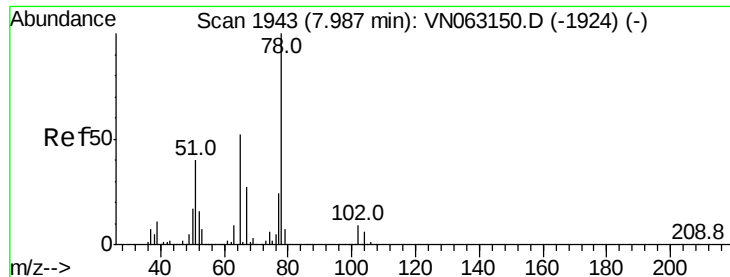
Tot Ion: 56 Resp: 463114
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.0
84 88.5 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 50.542 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 97 Resp: 497024
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 46.8 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 46.455 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

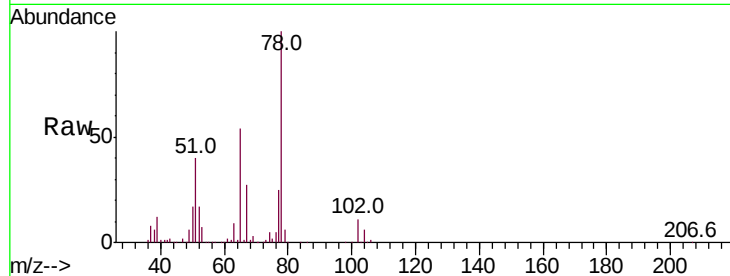
VSTDCCC050

Tot Ion: 65 Resp: 344114

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063150.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063150.D (-1924) (-)

7.98

150000

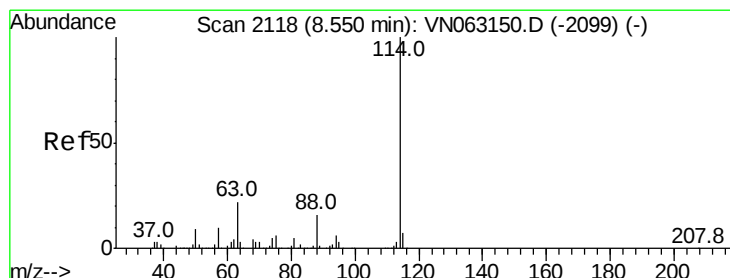
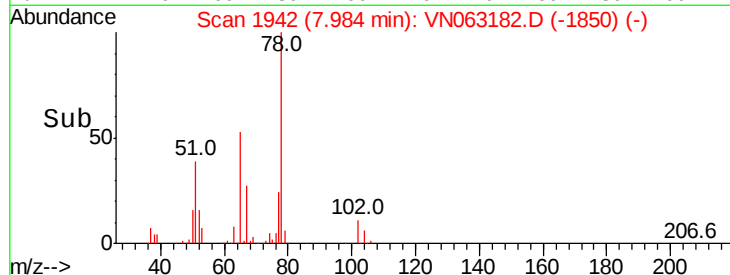
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

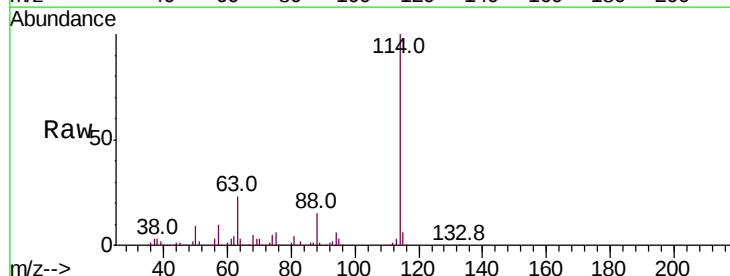
Tgt Ion: 114 Resp: 805545

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.0

88 15.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063150.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN063150.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN063150.D (-2099) (-)

8.55

500000

400000

300000

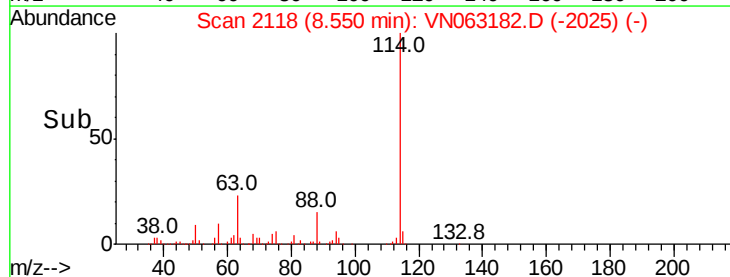
200000

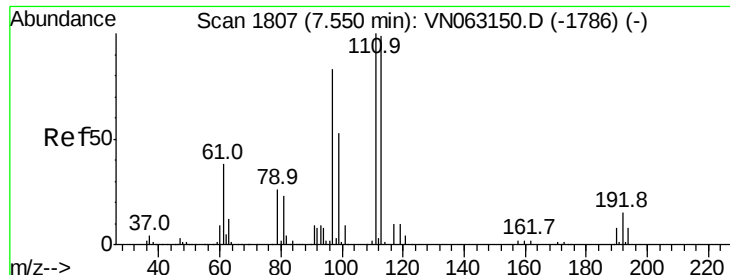
100000

0

8.50 8.55 8.60 8.70

Time-->

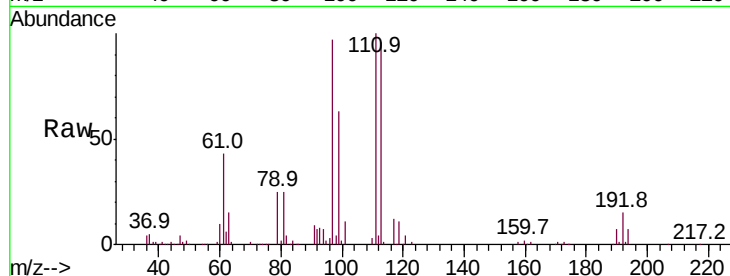




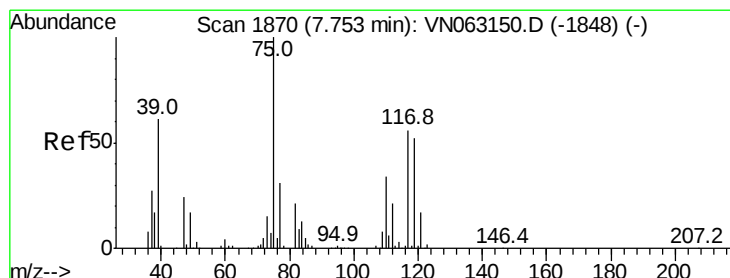
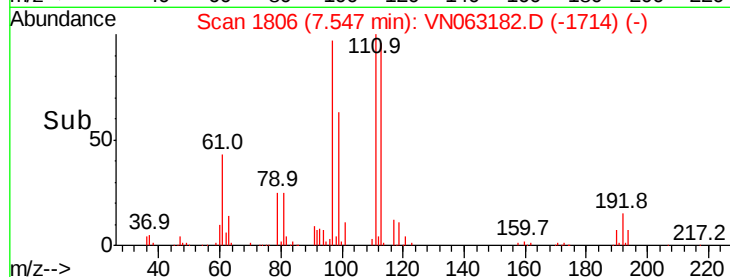
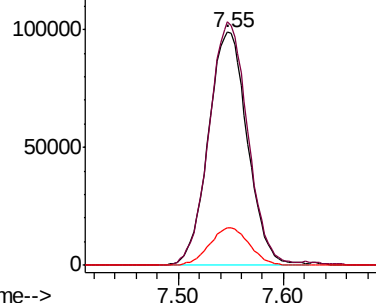
#35
 Dibromofluoromethane
 Concen: 49.377 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 255180
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 16.4 12.6 19.0

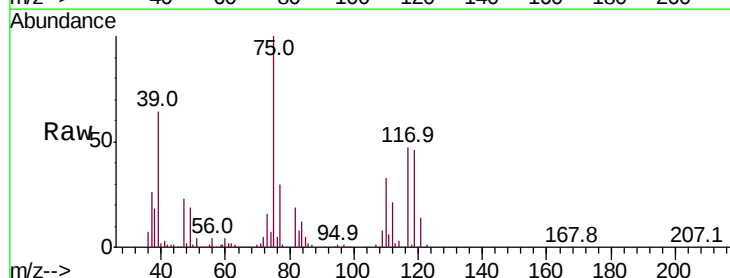


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

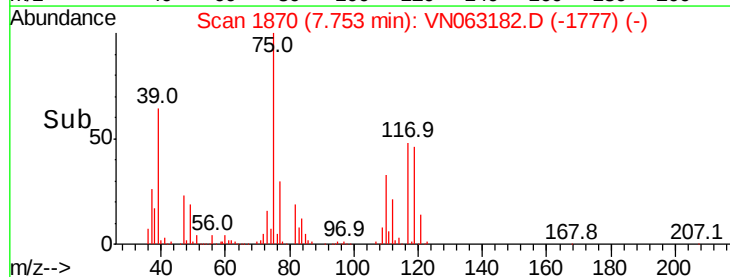
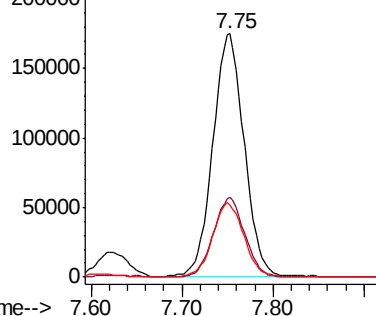


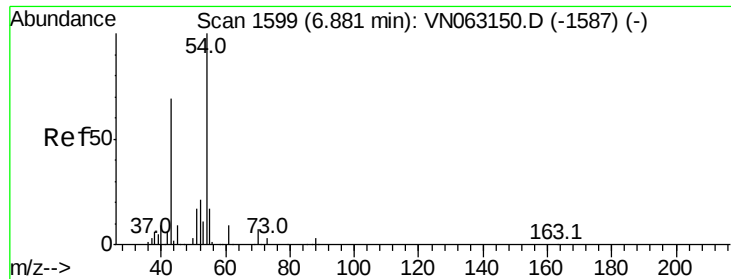
#36
 1,1-Dichloropropene
 Concen: 53.689 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Tgt Ion: 75 Resp: 415773
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.6 49.8
 77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

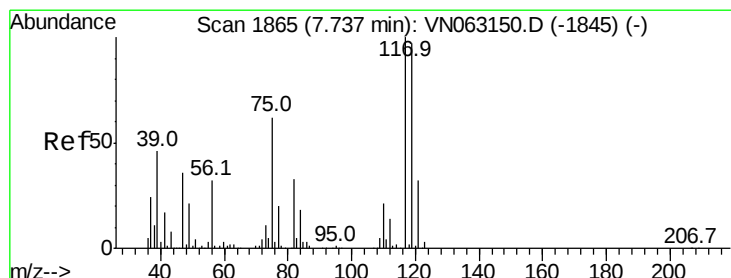
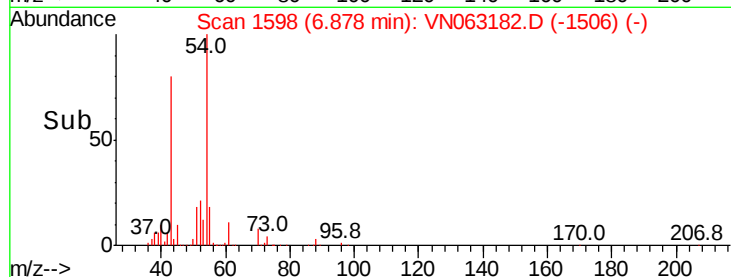
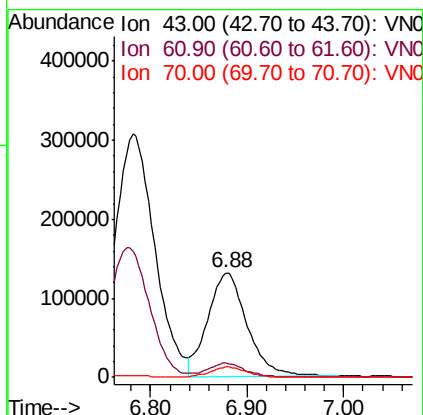
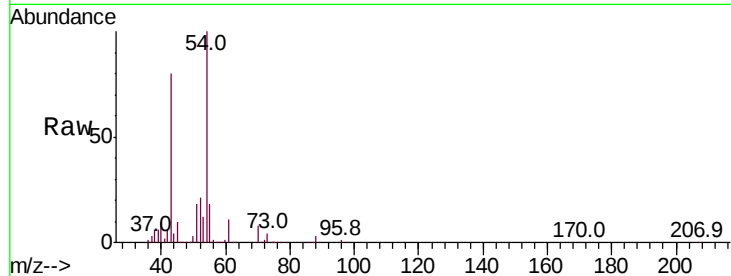




#37
Ethyl Acetate
Concen: 50.483 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

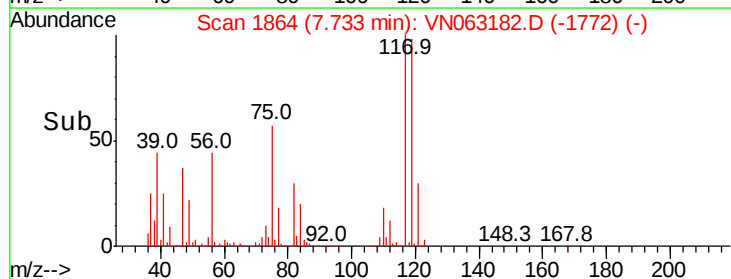
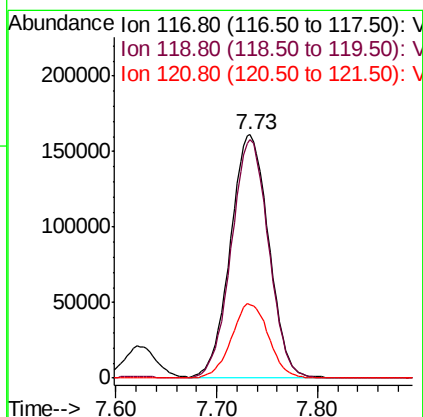
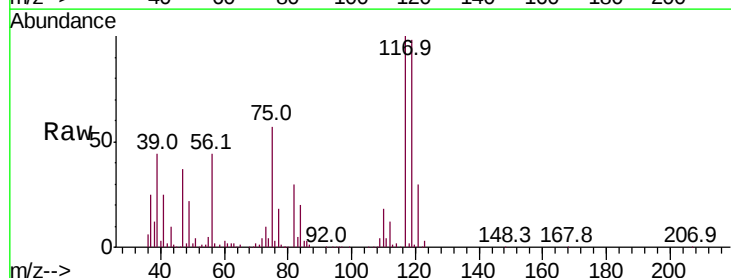
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

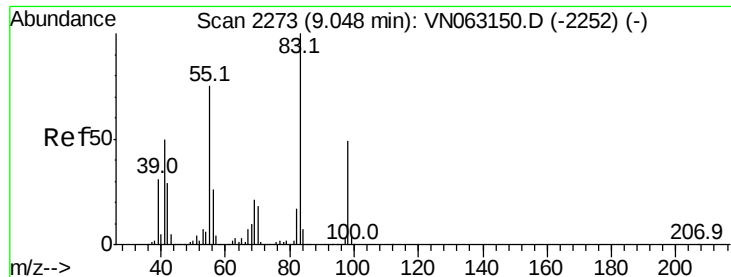
Tot Ion: 43 Resp: 369181
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.4
70 9.7 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 53.855 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 117 Resp: 422954
Ion Ratio Lower Upper
117 100
119 98.1 77.2 115.8
121 30.5 25.6 38.4

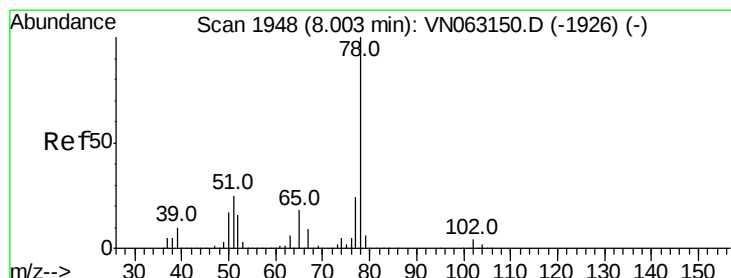
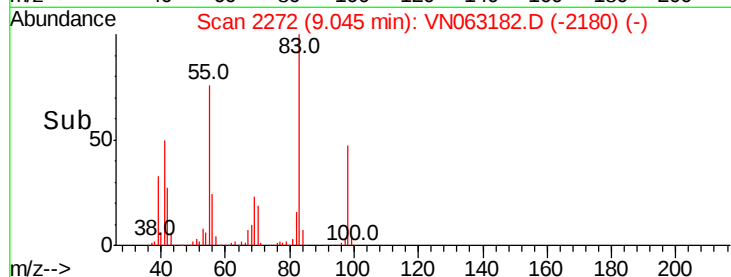
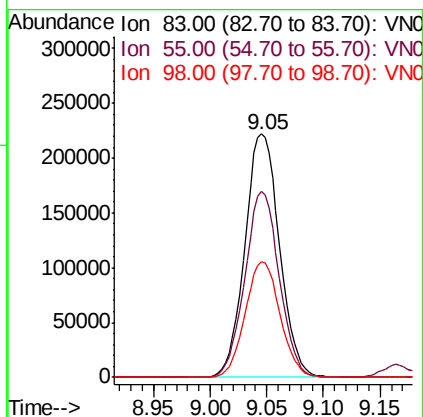
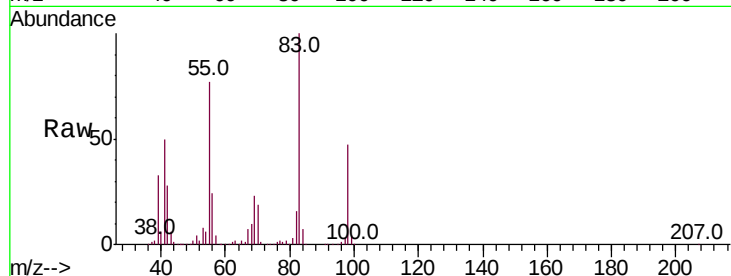




#39
Methvlcvclohexane
Concen: 54.509 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

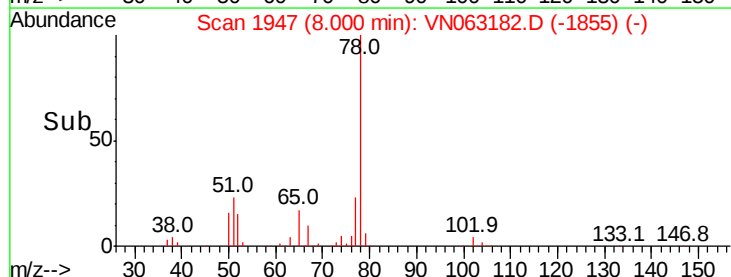
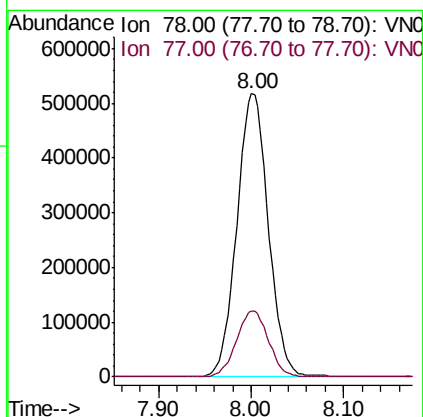
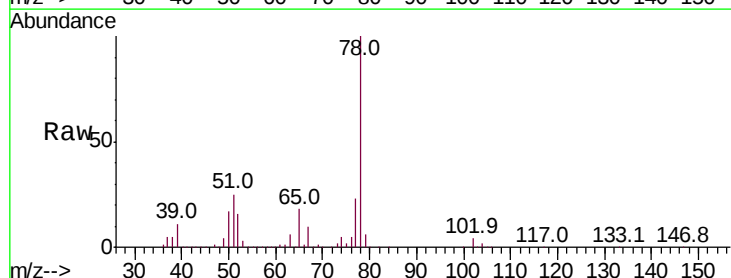
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

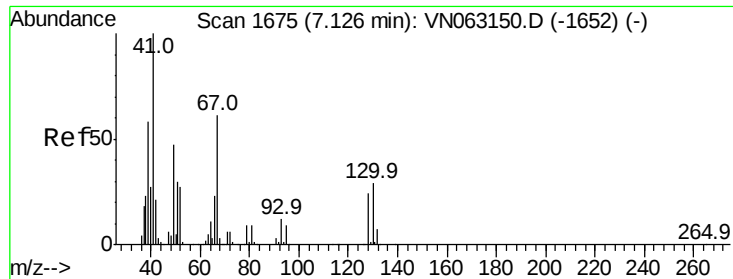
Tot Ion: 83 Resp: 474223
Ion Ratio Lower Upper
83 100
55 76.5 60.3 90.5
98 47.5 38.9 58.3



#40
Benzene
Concen: 53.509 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 78 Resp: 1217710
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

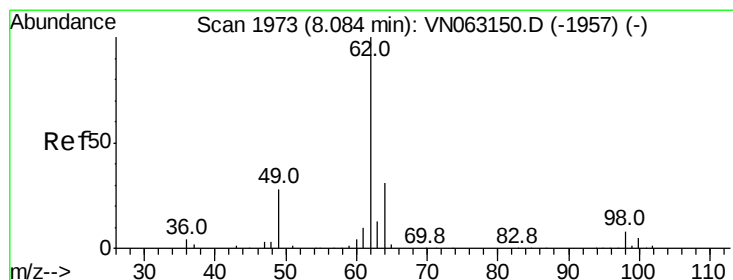
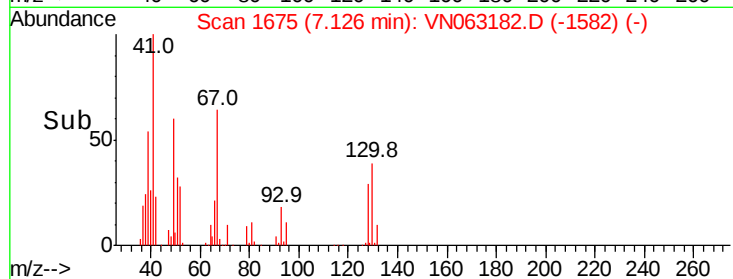
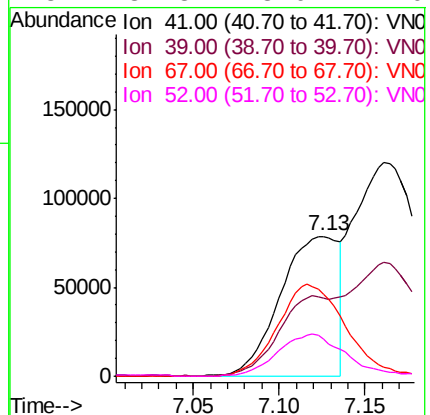
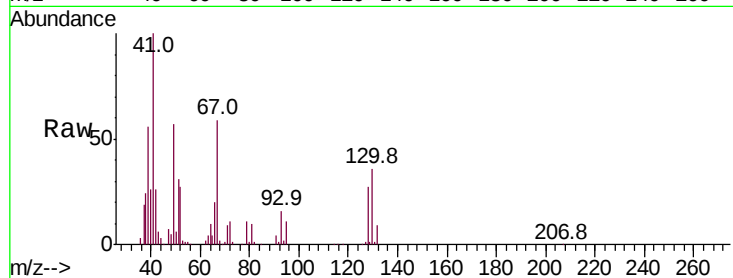




#41
Methacrylonitrile
Concen: 57.103 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

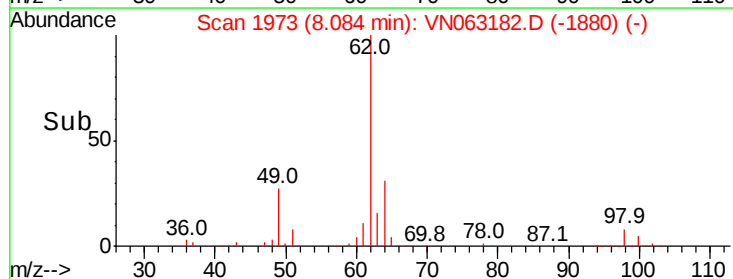
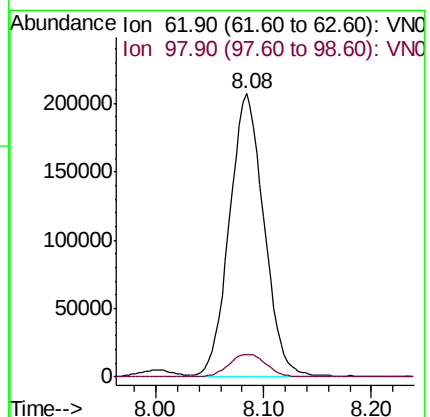
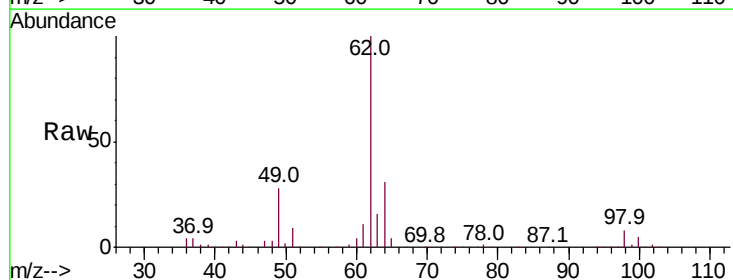
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

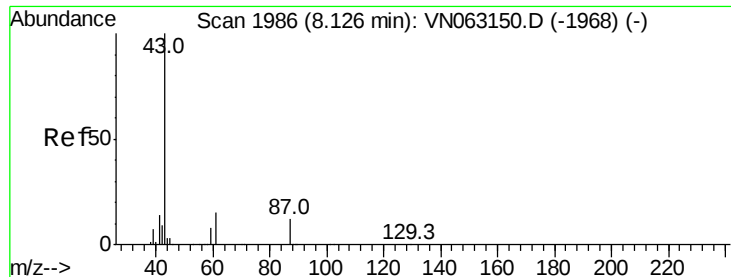
Tot Ion:	41	Resp:	186292
Ion	Ratio	Lower	Upper
41	100		
39	47.9	46.6	70.0
67	76.8	62.6	94.0
52	34.8	28.0	42.0



#42
1,2-Dichloroethane
Concen: 54.008 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion:	62	Resp:	459112
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 53.411 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

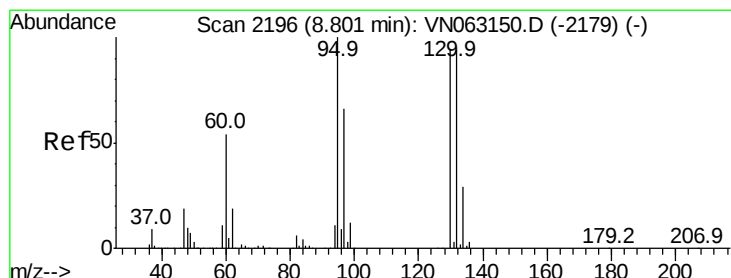
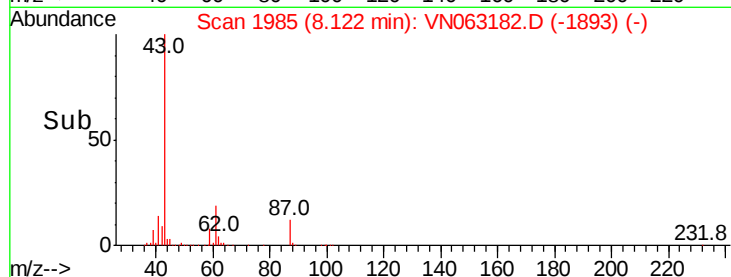
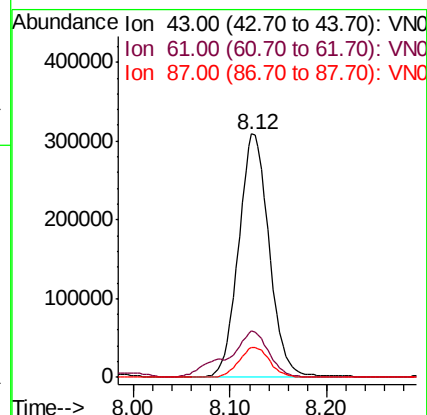
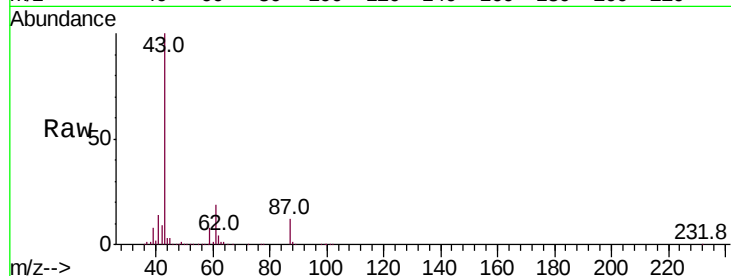
Tot Ion: 43 Resp: 674556

Ion Ratio Lower Upper

43 100

61 19.4 20.2 30.4#

87 12.5 9.8 14.6



#44

Trichloroethene

Concen: 57.348 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063182.D

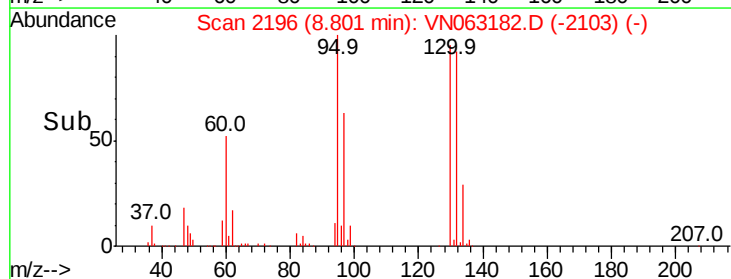
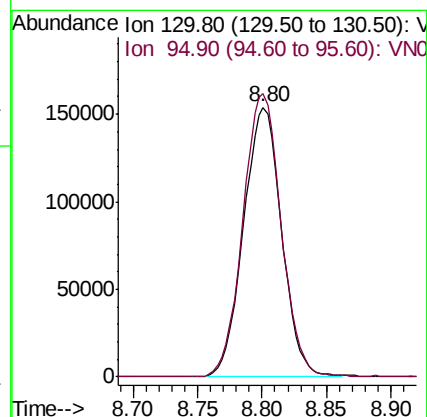
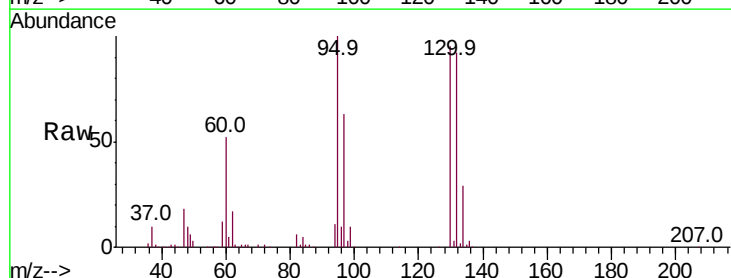
Acq: 2 Sep 2020 9:27

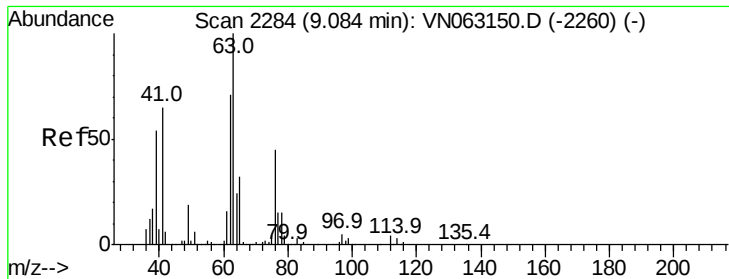
Tgt Ion:130 Resp: 316552

Ion Ratio Lower Upper

130 100

95 105.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 51.716 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

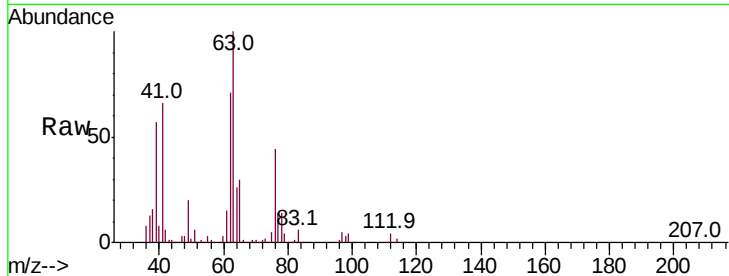
VSTDCCC050

Tot Ion: 63 Resp: 311603

Ion Ratio Lower Upper

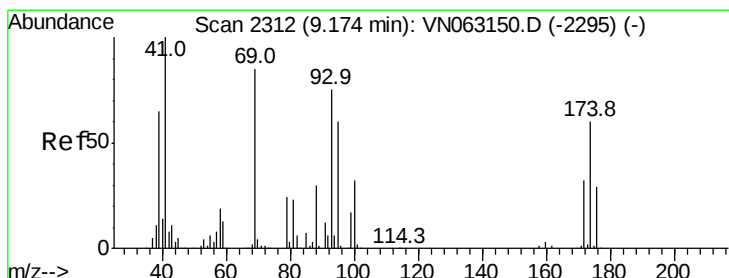
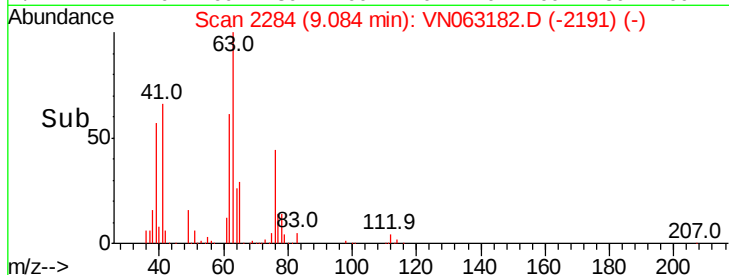
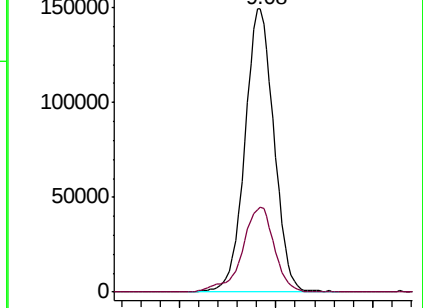
63 100

65 29.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.710 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

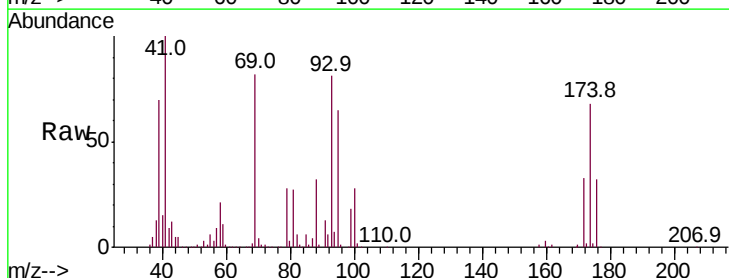
Tgt Ion: 93 Resp: 214459

Ion Ratio Lower Upper

93 100

95 81.4 65.2 97.8

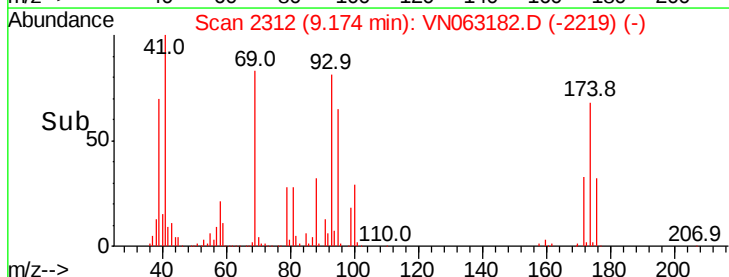
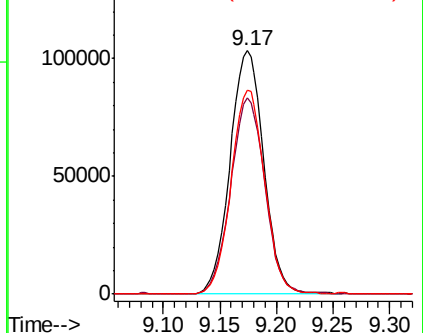
174 83.6 64.6 97.0

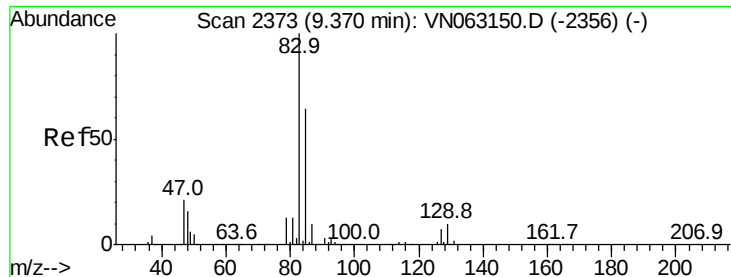


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.330 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

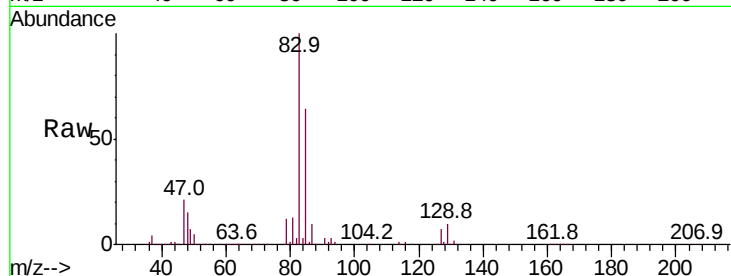
Tot Ion: 83 Resp: 456432

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

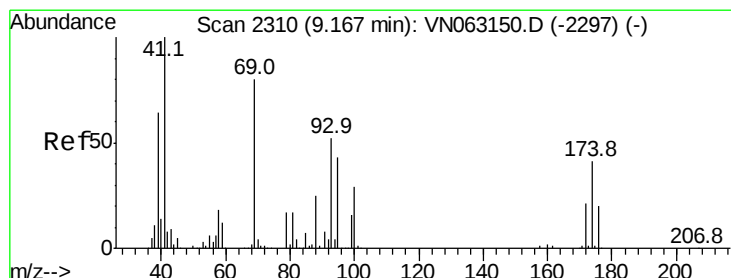
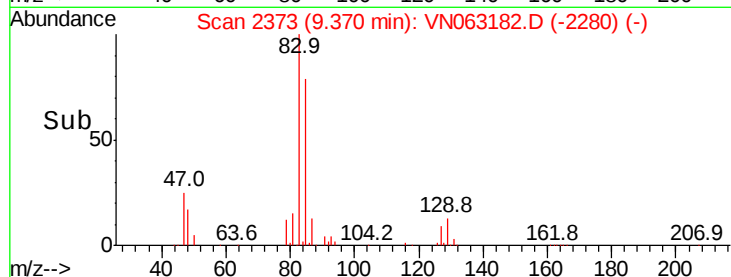
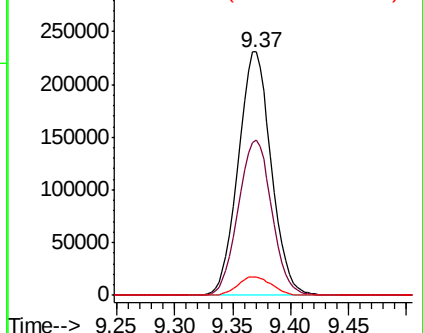
127 7.3 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063182.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063182.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063182.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.808 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

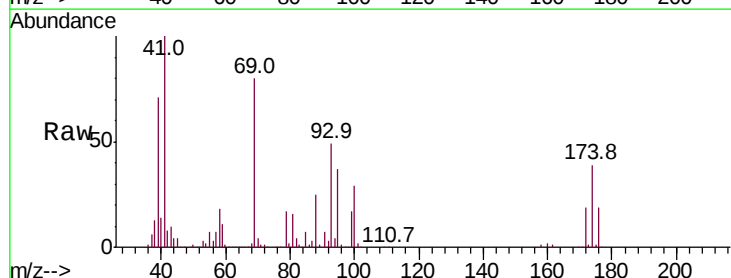
Tgt Ion: 41 Resp: 306351

Ion Ratio Lower Upper

41 100

69 82.8 65.9 98.9

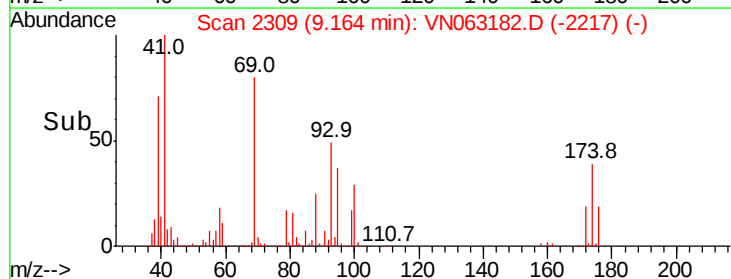
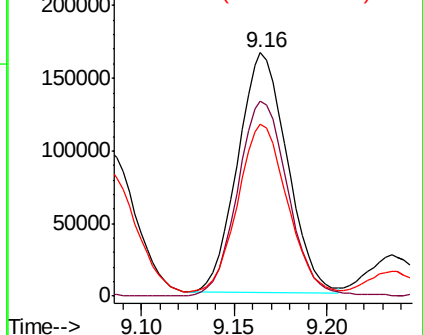
39 69.2 52.0 78.0

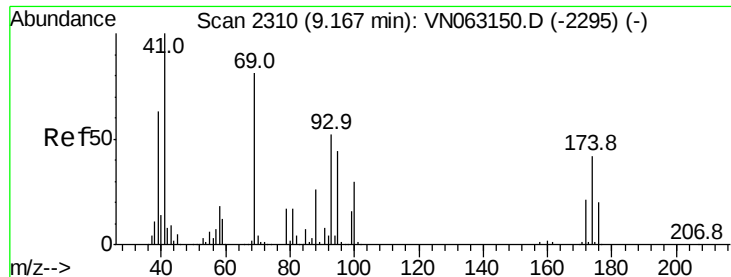


Abundance Ion 41.00 (40.70 to 41.70): VN063182.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063182.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063182.D (-2217) (-)

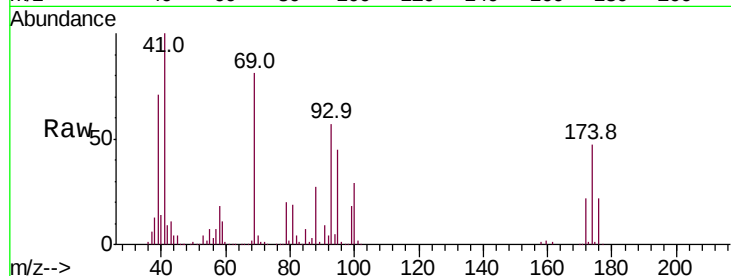




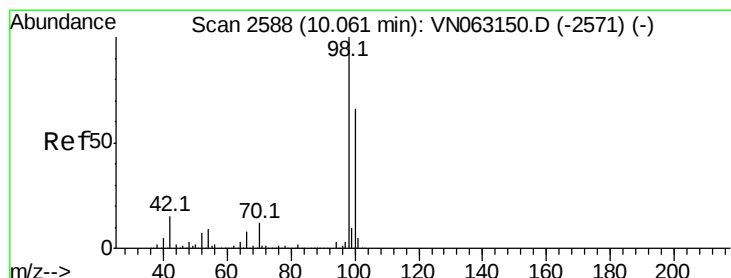
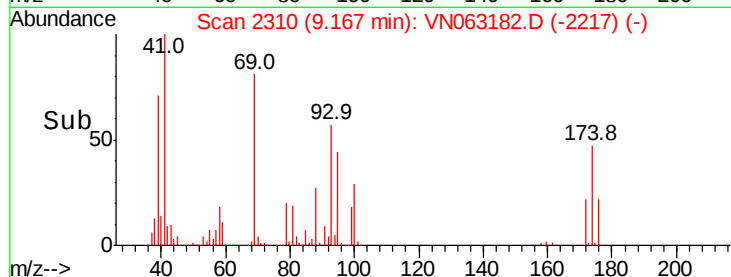
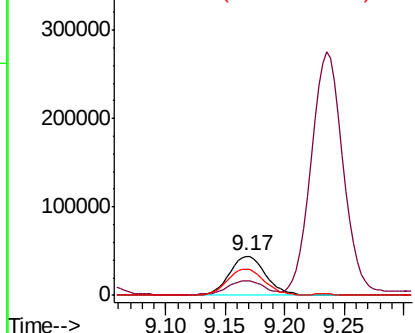
#49
1,4-Dioxane
Concen: 1071.519 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 94358
Ion Ratio Lower Upper
88 100
43 37.2 28.6 42.8
58 67.5 53.2 79.8

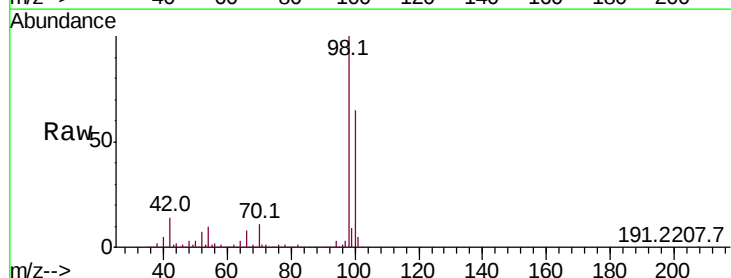


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

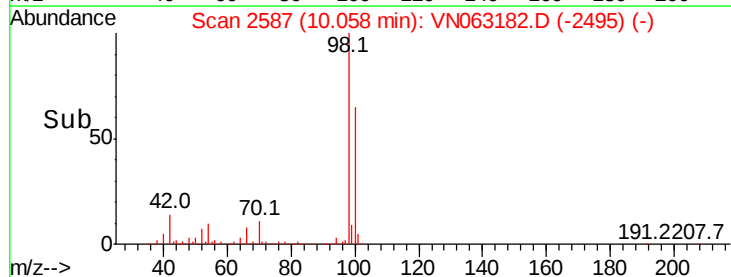
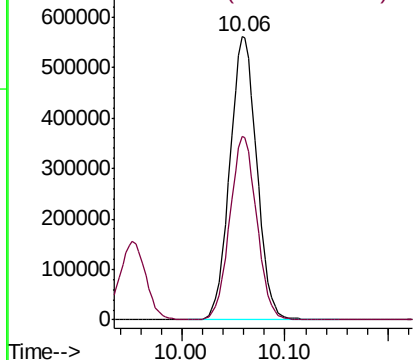


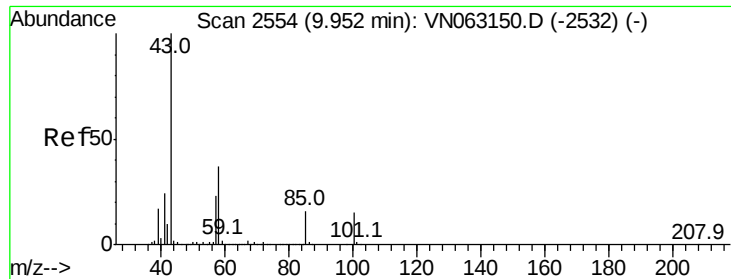
#50
Toluene-d8
Concen: 51.359 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 98 Resp: 1021616
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 279.612 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

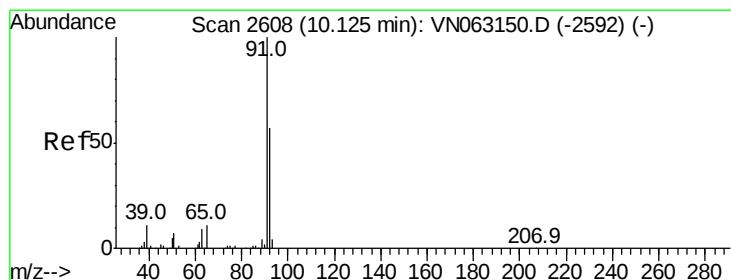
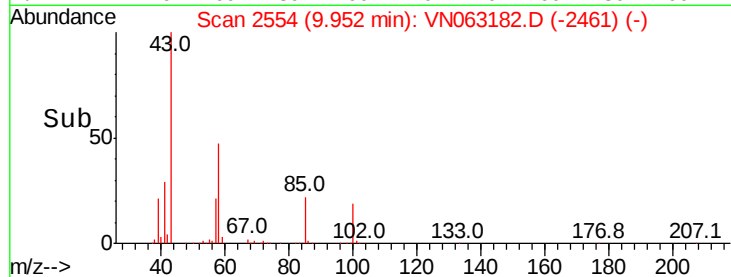
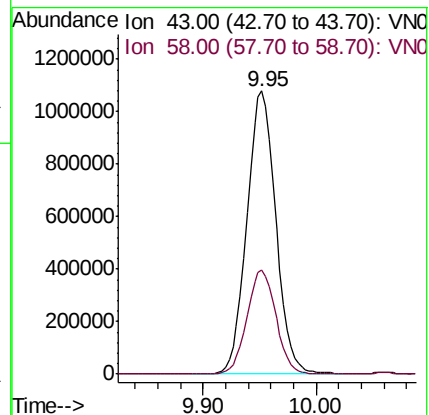
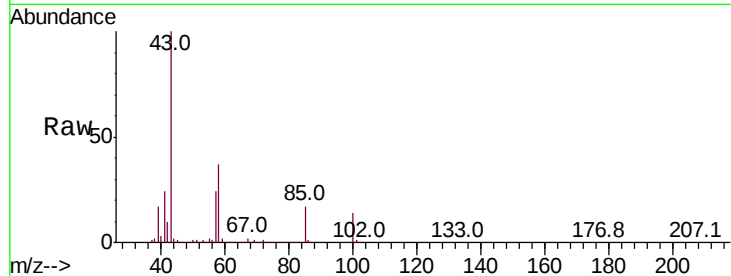
VSTDCCC050

Tot Ion: 43 Resp: 1918969

Ion Ratio Lower Upper

43 100

58 37.0 29.2 43.8



#52

Toluene

Concen: 55.267 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063182.D

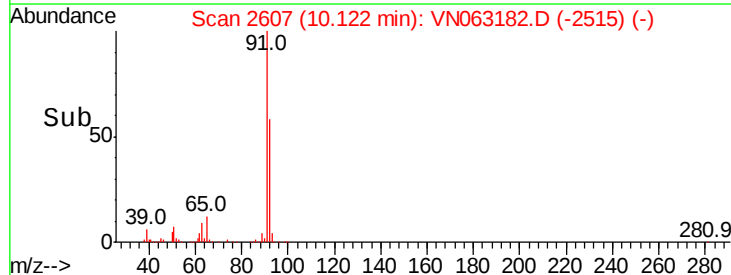
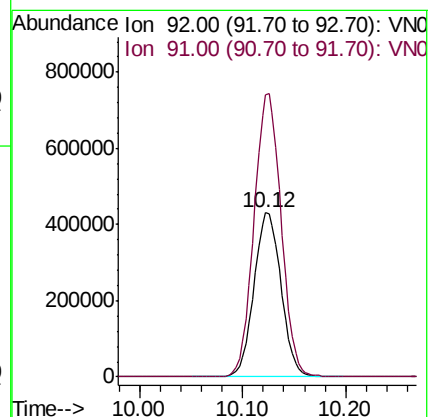
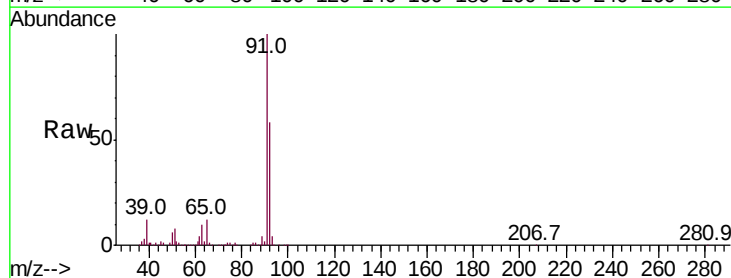
Acq: 2 Sep 2020 9:27

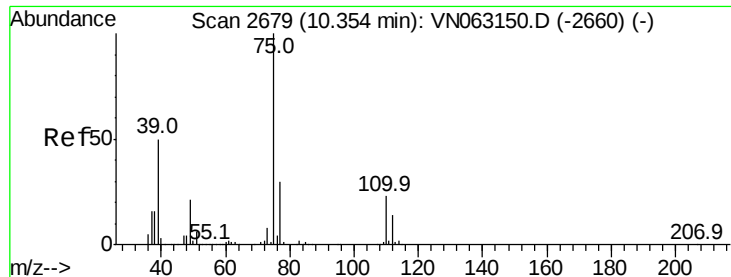
Tgt Ion: 92 Resp: 783474

Ion Ratio Lower Upper

92 100

91 173.2 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 53.428 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

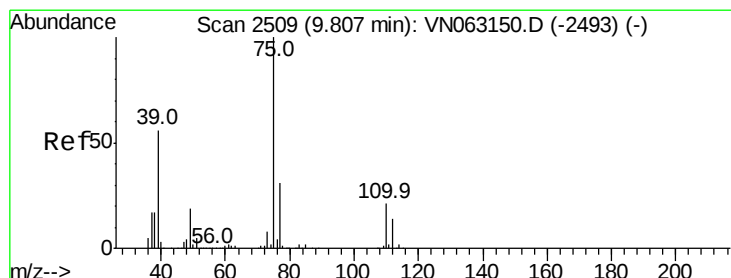
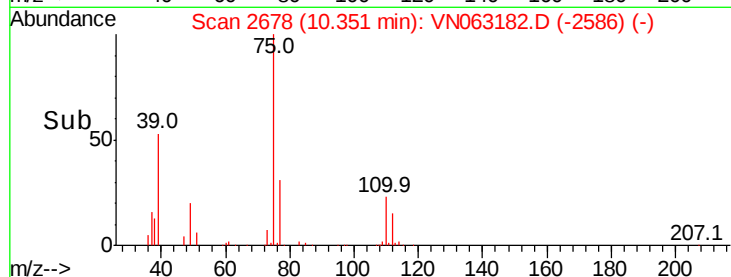
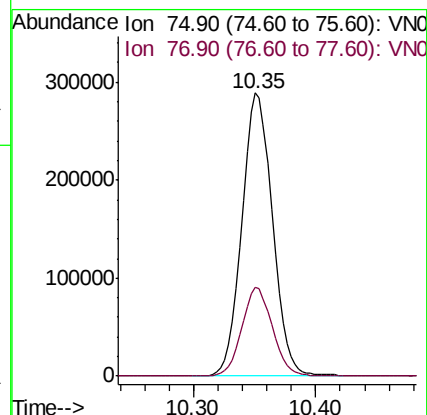
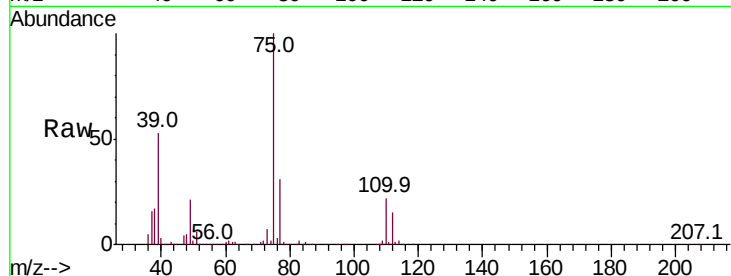
VSTDCCC050

Tot Ion: 75 Resp: 500189

Ion Ratio Lower Upper

75 100

77 31.4 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 53.571 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

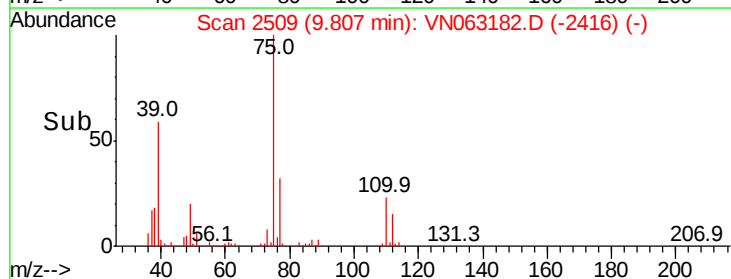
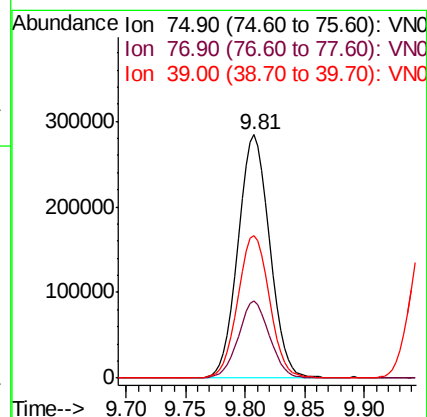
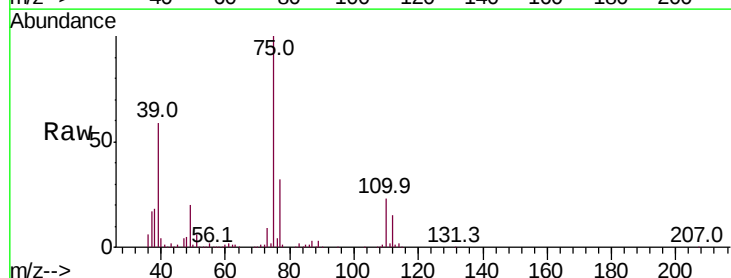
Tgt Ion: 75 Resp: 526445

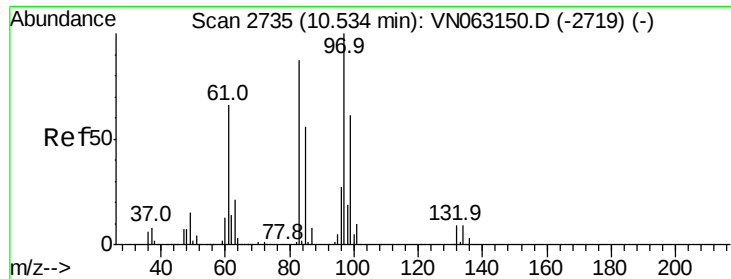
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 58.6 45.0 67.6

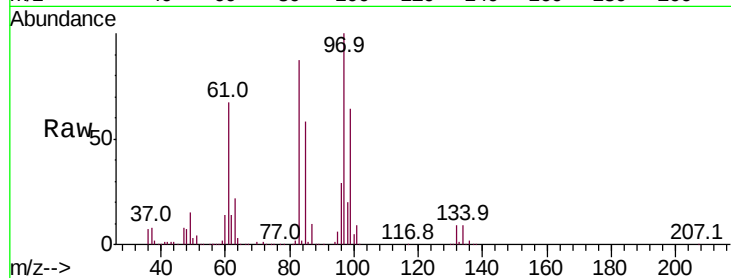




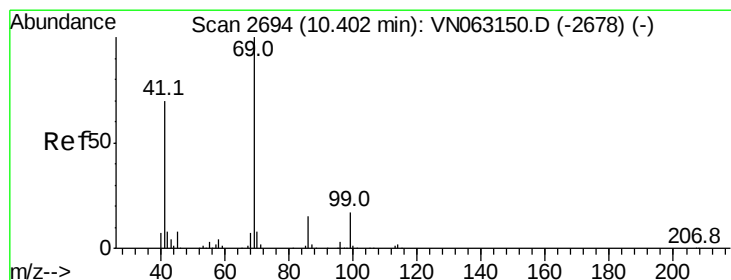
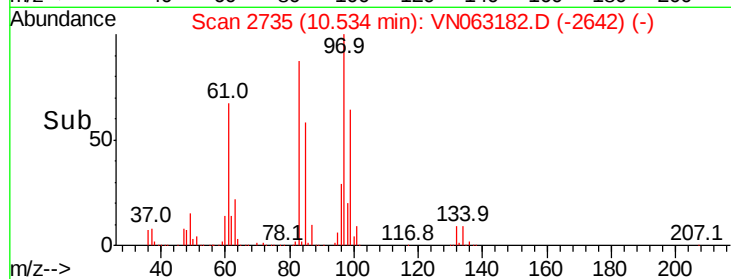
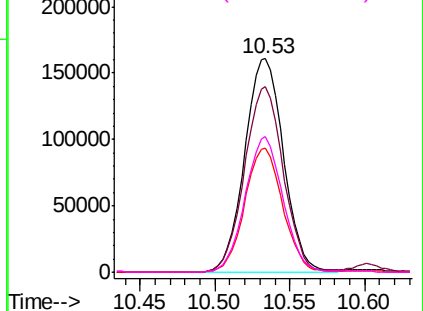
#55
 1,1,2-Trichloroethane
 Concen: 53.505 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 290483
 Ion Ratio Lower Upper
 97 100
 83 87.0 69.8 104.8
 85 58.0 44.9 67.3
 99 63.5 48.8 73.2

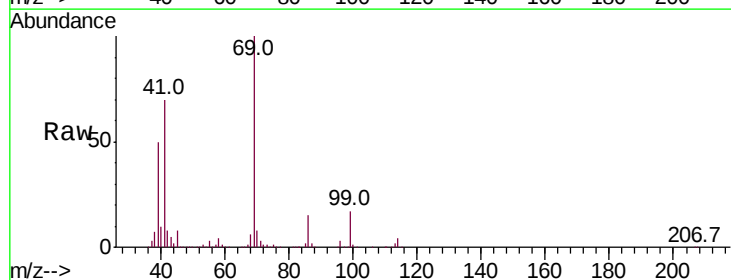


Abundance Ion 96.90 (96.60 to 97.60): VN0
 250000 Ion 82.90 (82.60 to 83.60): VN0
 200000 Ion 84.90 (84.60 to 85.60): VN0
 150000 Ion 98.90 (98.60 to 99.60): VN0

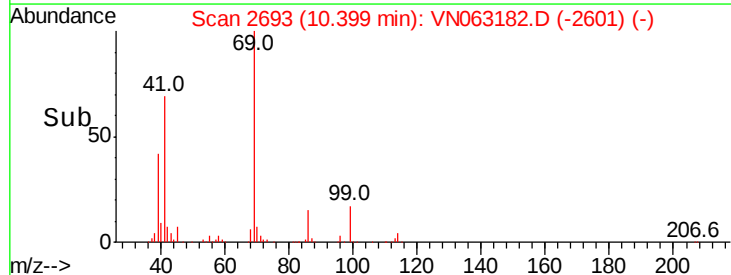
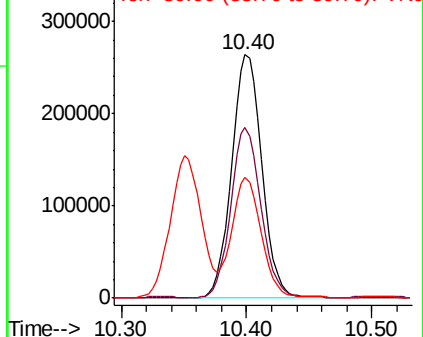


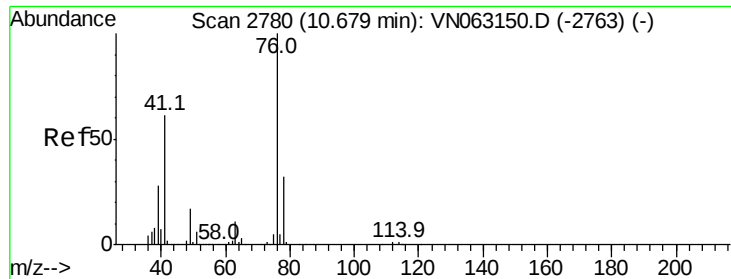
#56
 Ethyl methacrylate
 Concen: 53.614 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Tgt Ion: 69 Resp: 442969
 Ion Ratio Lower Upper
 69 100
 41 68.6 55.5 83.3
 39 47.8 38.2 57.2



Abundance Ion 69.00 (68.70 to 69.70): VN0
 300000 Ion 41.00 (40.70 to 41.70): VN0
 200000 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.734 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

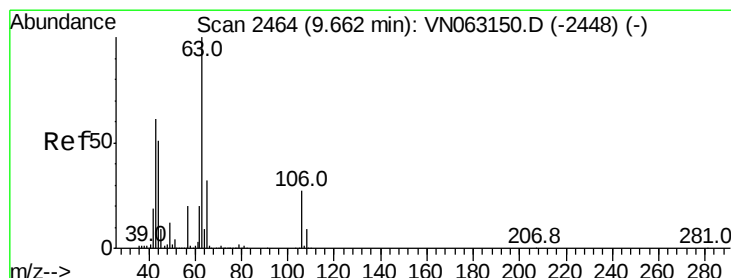
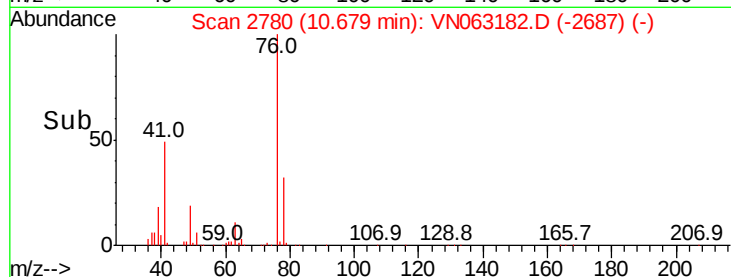
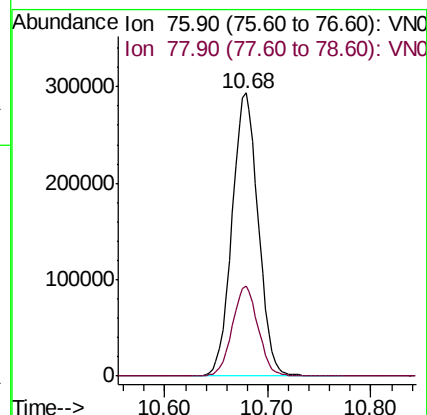
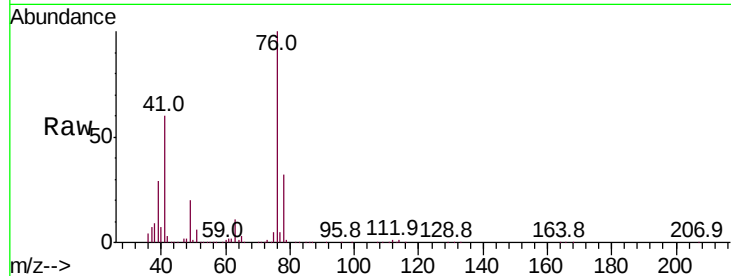
VSTDCCC050

Tot Ion: 76 Resp: 519703

Ion Ratio Lower Upper

76 100

78 31.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 215.242 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063182.D

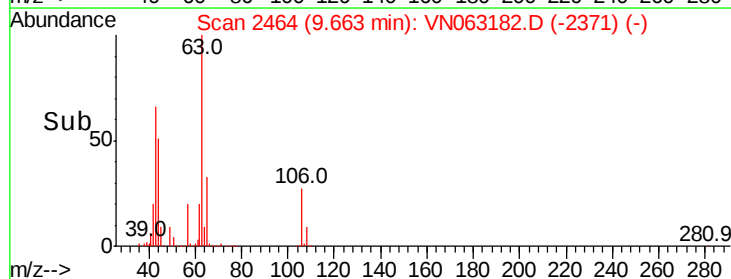
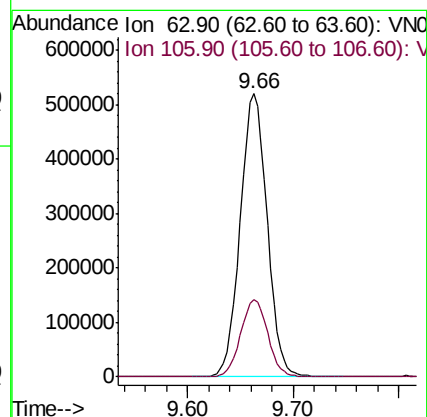
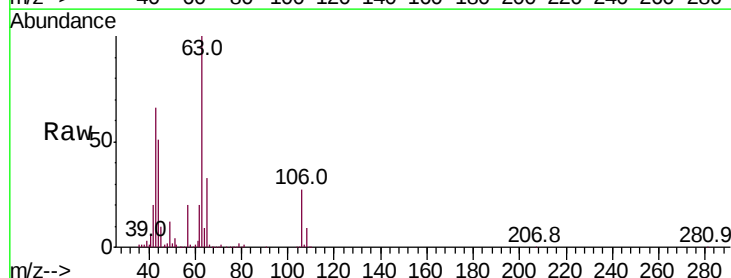
Acq: 2 Sep 2020 9:27

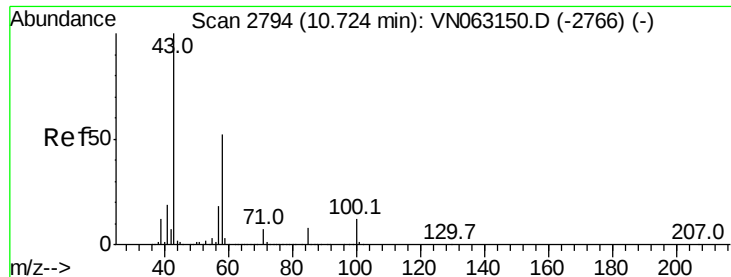
Tgt Ion: 63 Resp: 920909

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.6

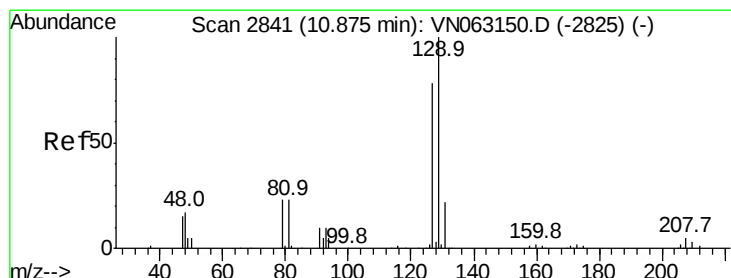
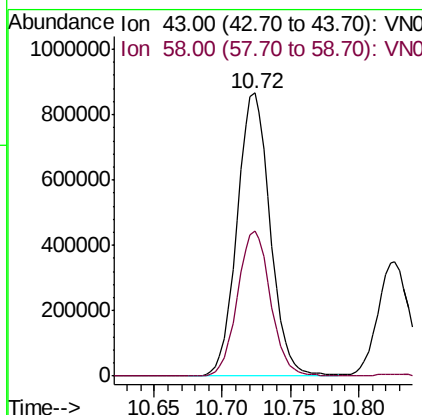
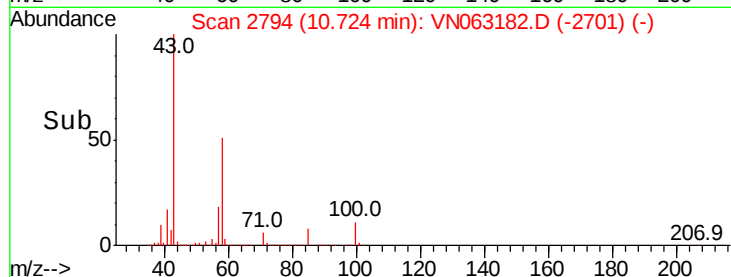
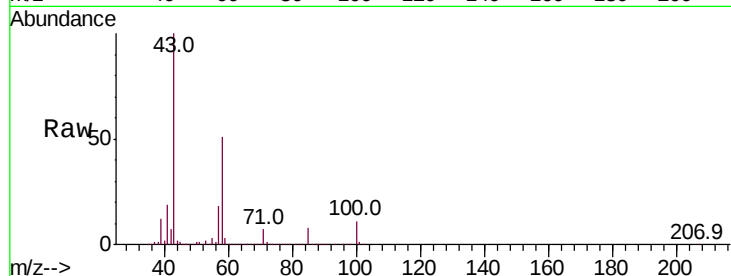




#59
2-Hexanone
Concen: 301.108 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

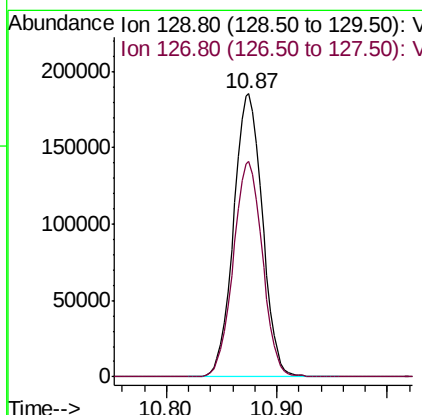
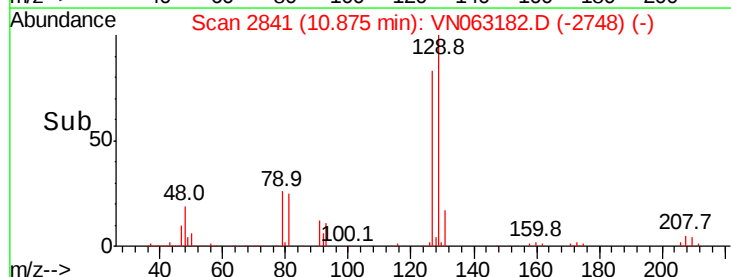
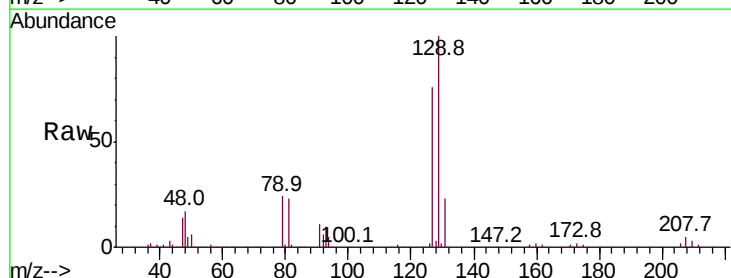
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

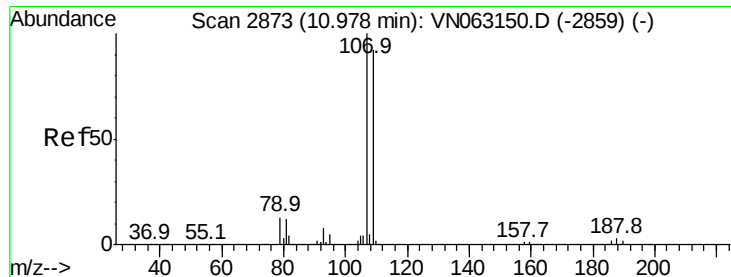
Tot Ion: 43 Resp: 1452301
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8



#60
Dibromochloromethane
Concen: 55.933 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 129 Resp: 335722
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

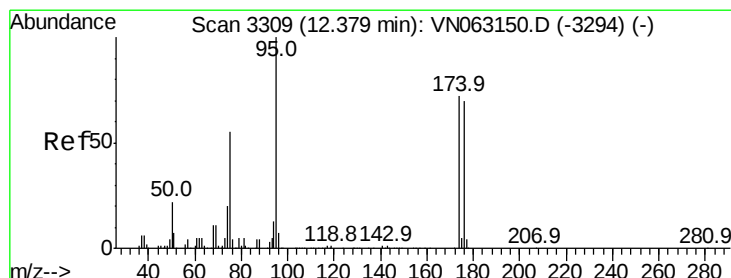
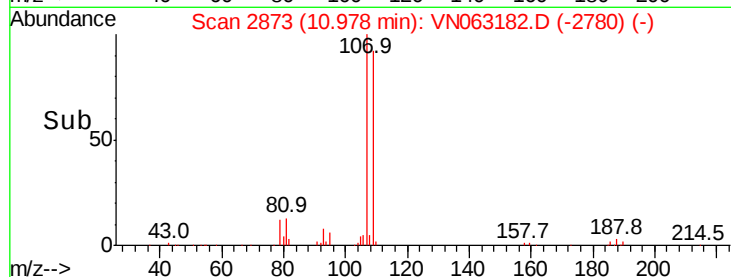
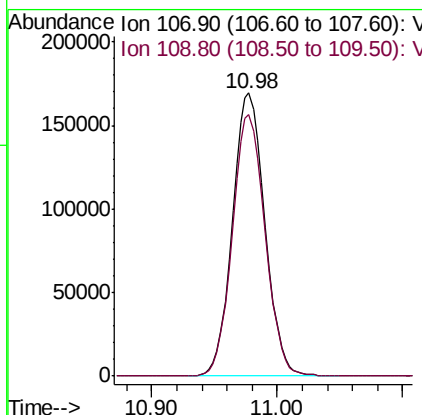
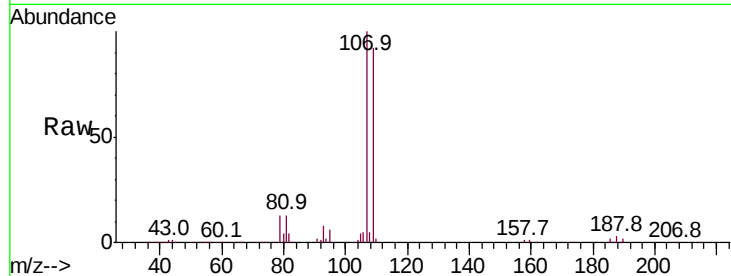




#61
 1,2-Dibromoethane
 Concen: 53.882 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

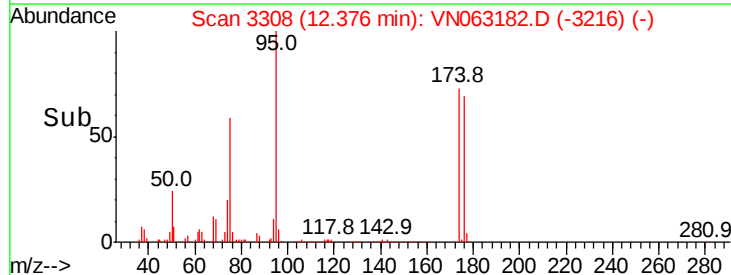
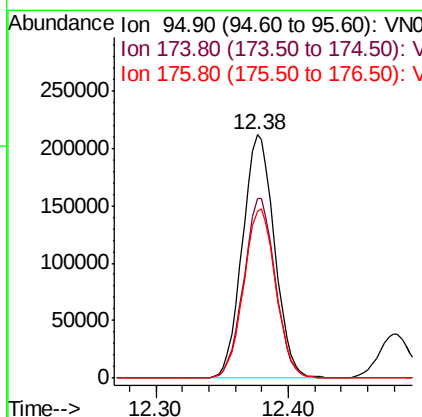
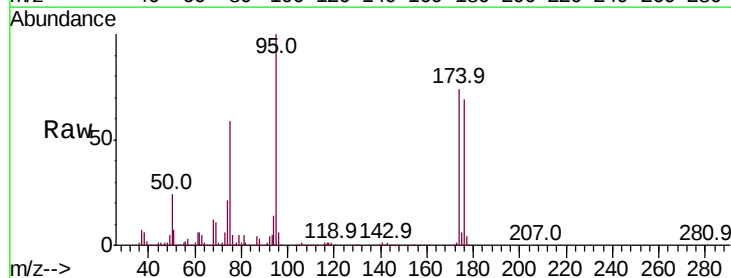
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

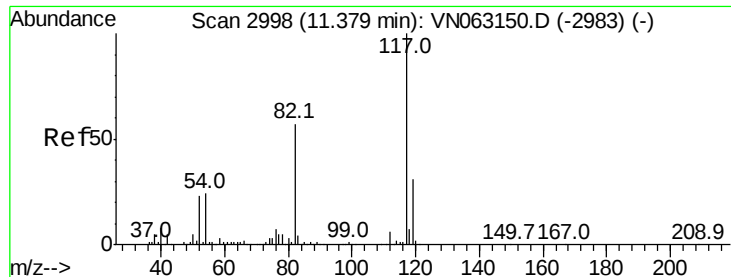
Tot Ion:107 Resp: 304095
 Ion Ratio Lower Upper
 107 100
 109 93.4 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 51.034 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Tgt Ion: 95 Resp: 355103
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 143.8
 176 69.5 0.0 138.4

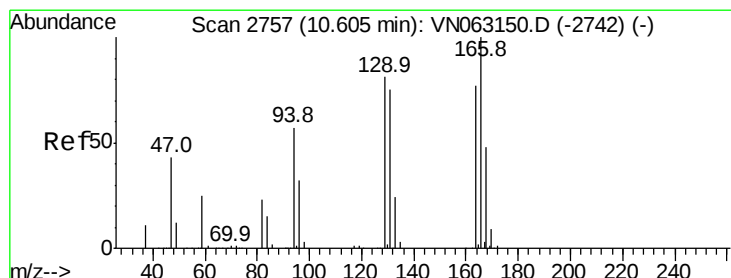
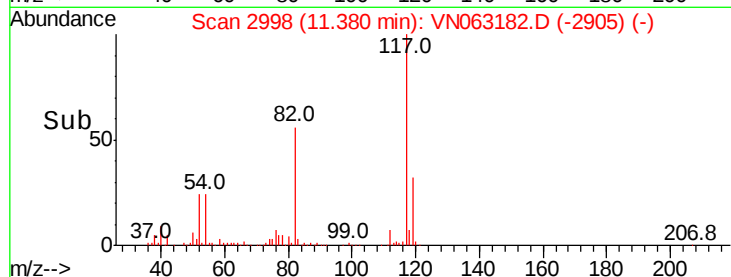
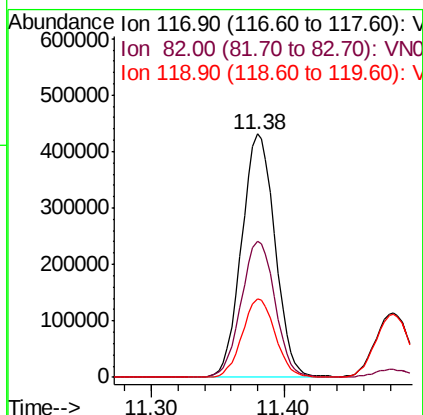
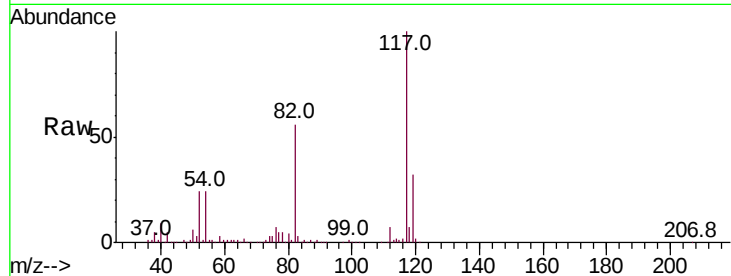




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

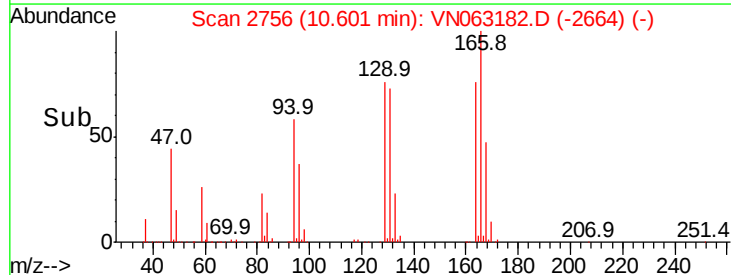
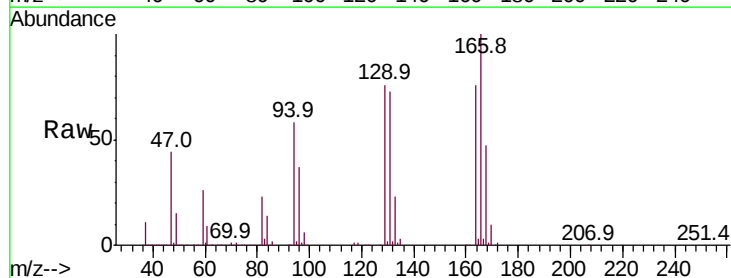
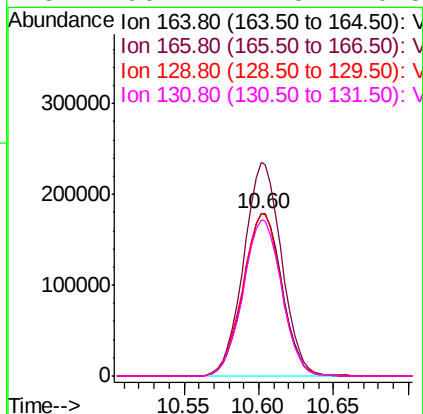
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

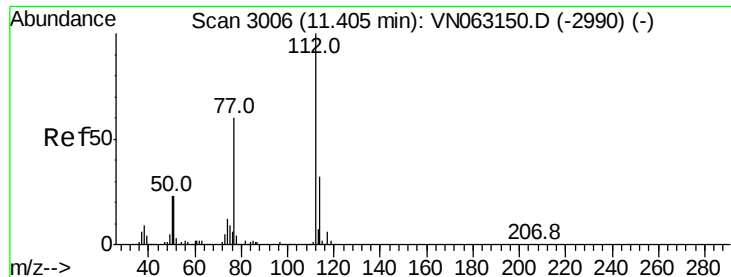
Tot Ion:117 Resp: 755261
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 59.136 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion:164 Resp: 320726
Ion Ratio Lower Upper
164 100
166 131.7 103.4 155.2
129 100.3 83.4 125.0
131 96.1 77.8 116.8

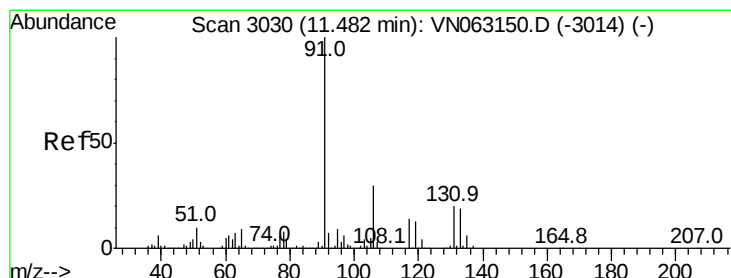
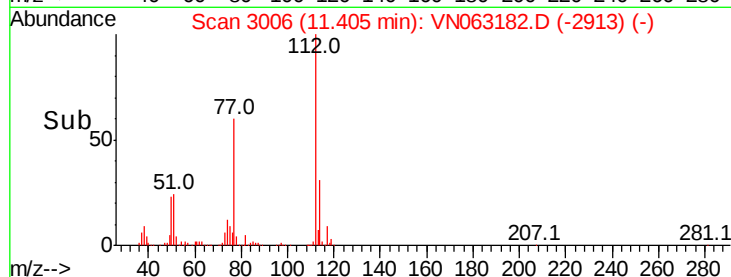
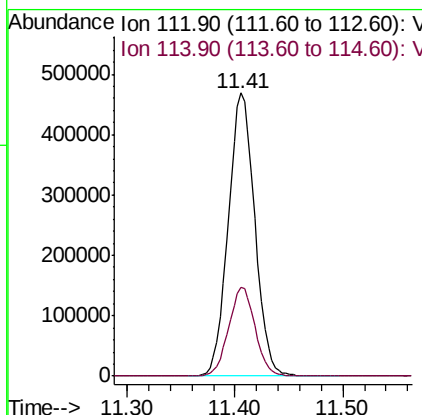
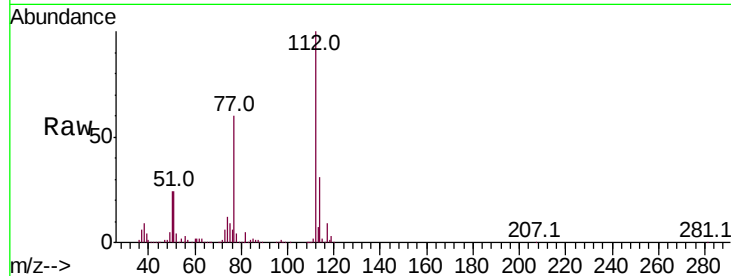




#65
Chlorobenzene
Concen: 52.917 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

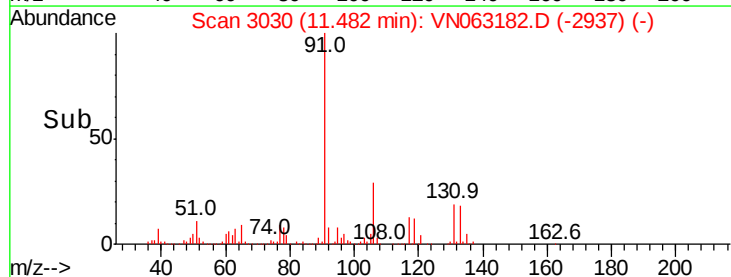
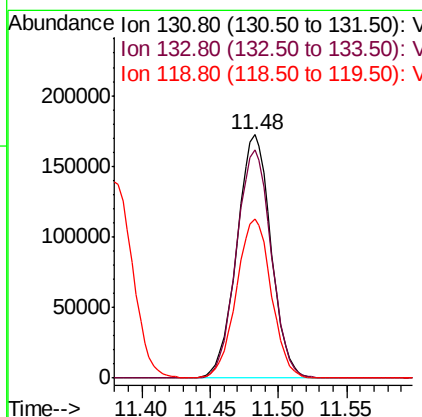
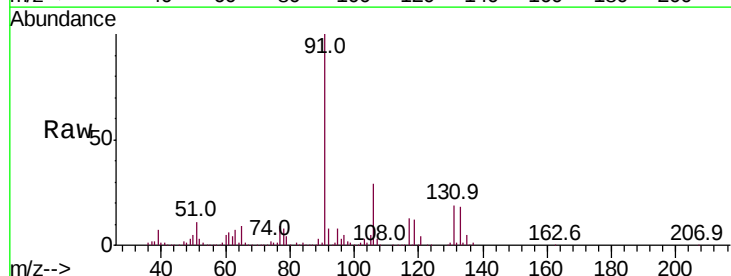
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

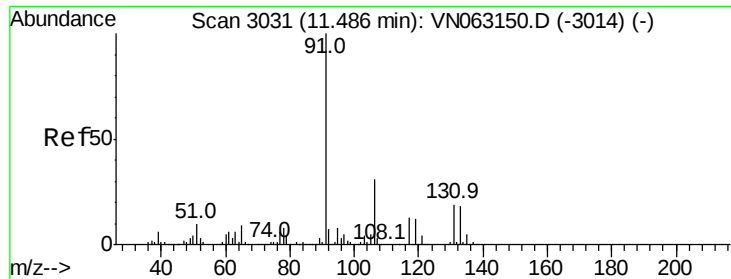
Tot Ion:112 Resp: 804963
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.098 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion:131 Resp: 299890
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 66.3 32.4 97.0





#67

Ethyl Benzene

Concen: 55.019 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

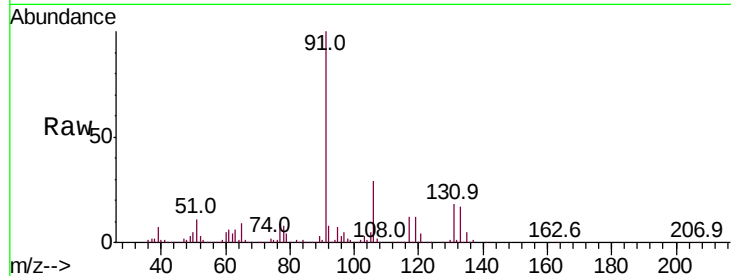
VSTDCCC050

Tot Ion: 91 Resp: 1526813

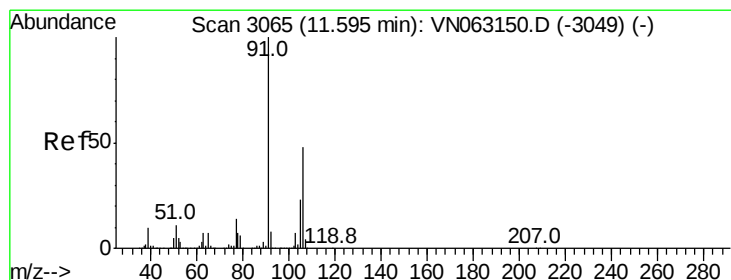
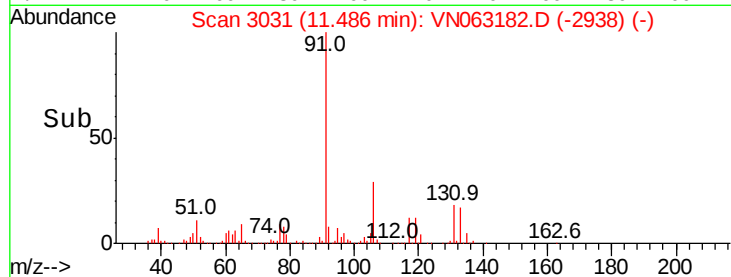
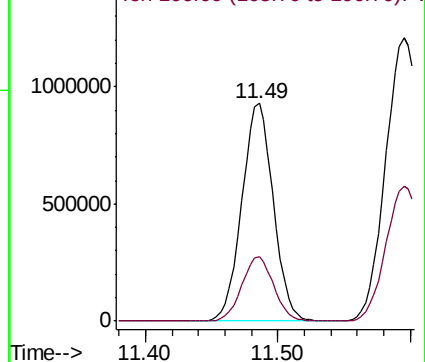
Ion Ratio Lower Upper

91 100

106 29.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN063182.D (-2938) (-)



#68

m/p-Xylenes

Concen: 109.216 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063182.D

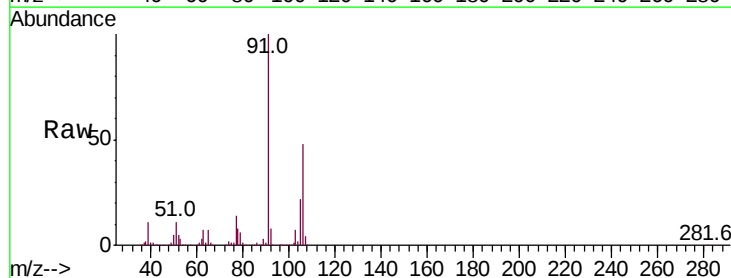
Acq: 2 Sep 2020 9:27

Tgt Ion:106 Resp: 1122529

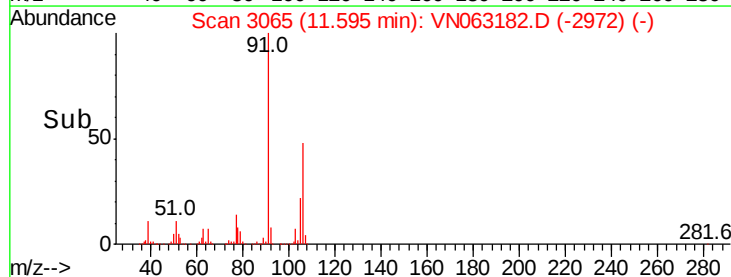
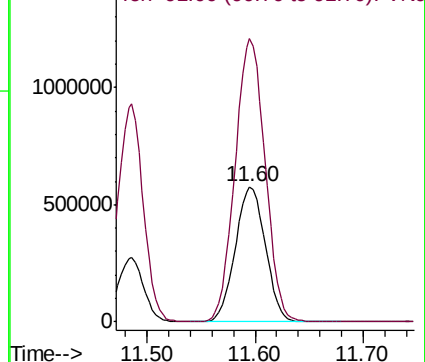
Ion Ratio Lower Upper

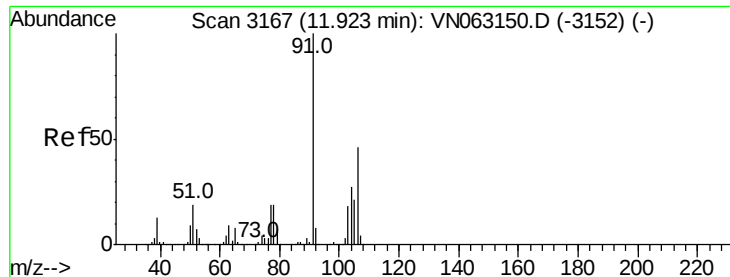
106 100

91 208.8 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): VN063182.D (-2972) (-)

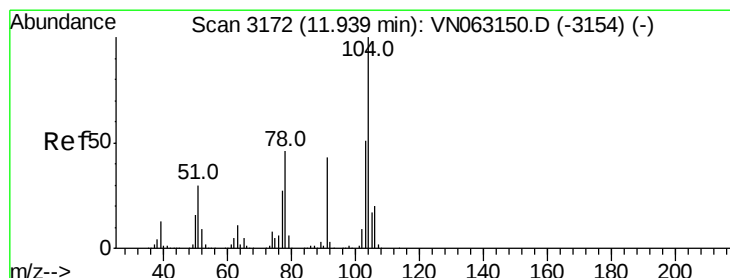
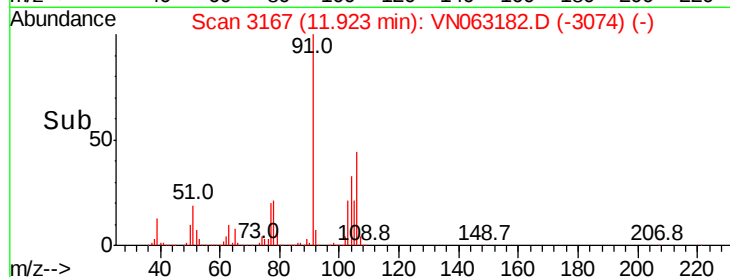
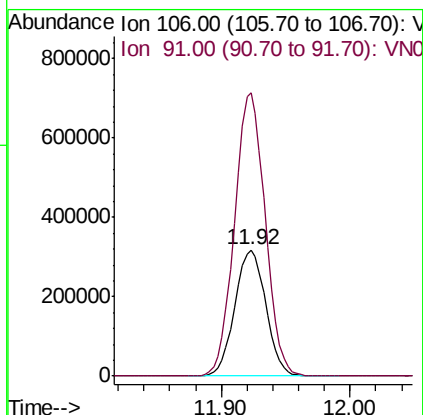
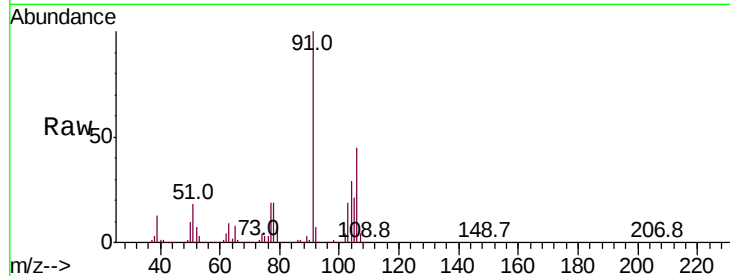




#69
o-Xylene
Concen: 53.667 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

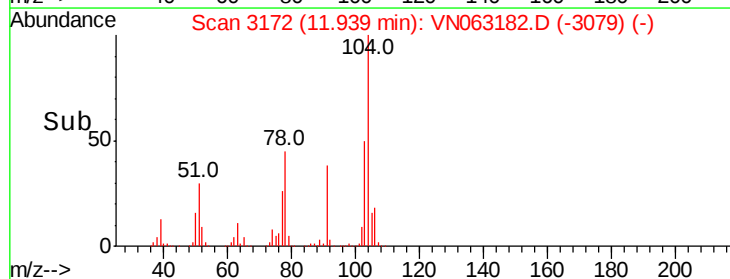
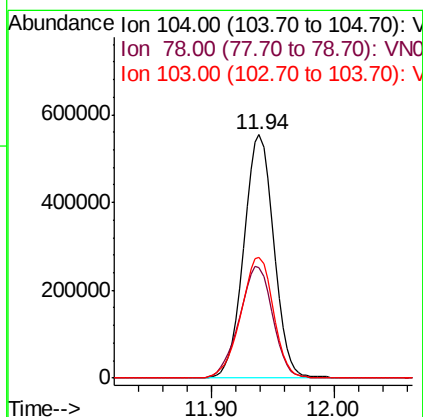
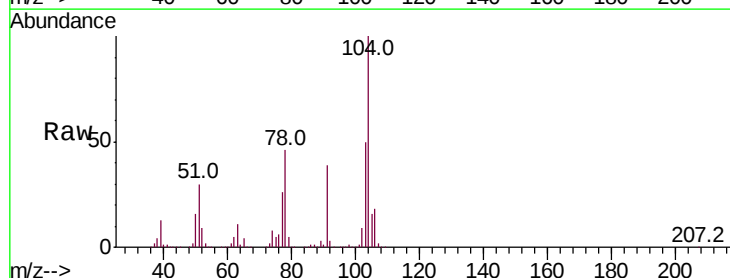
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

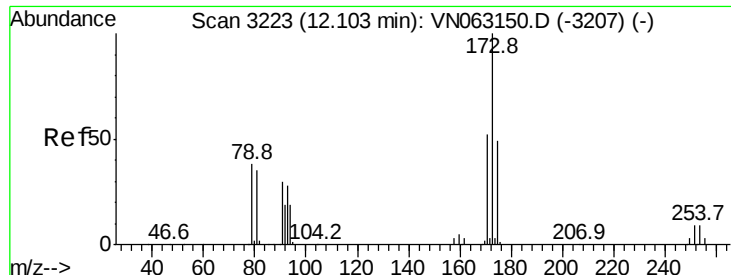
Tot Ion:106 Resp: 532857
Ion Ratio Lower Upper
106 100
91 221.5 108.6 325.6



#70
Styrene
Concen: 54.883 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion:104 Resp: 936519
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 54.2 43.8 65.8

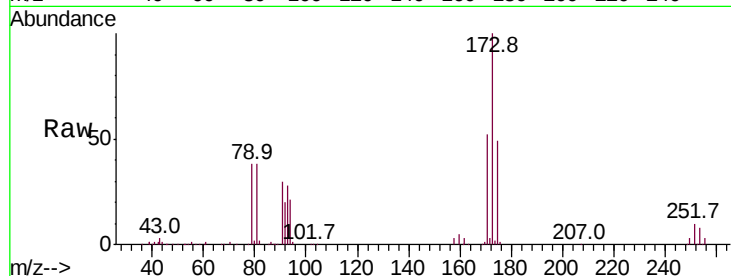




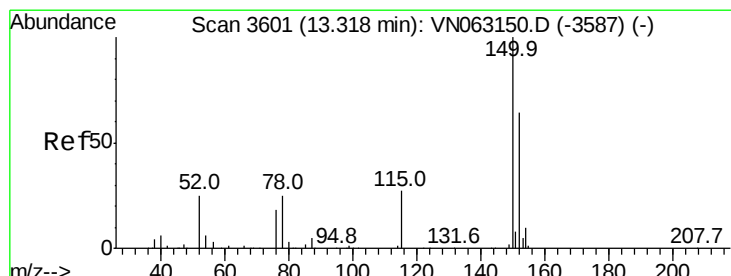
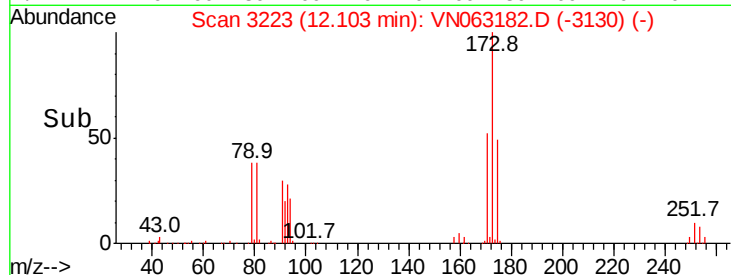
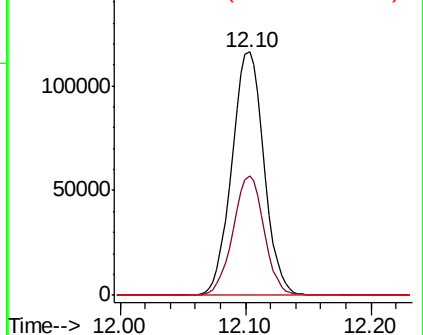
#71
Bromoform
Concen: 53.914 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 206645
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.1 0.0 0.0#

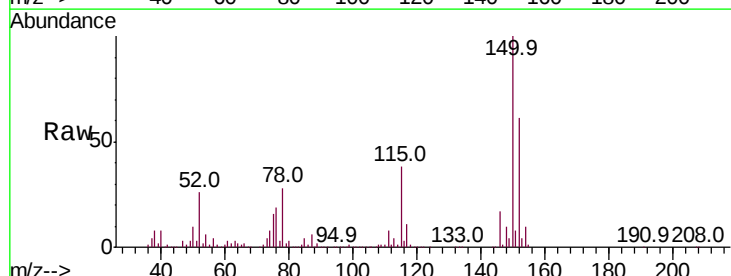


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

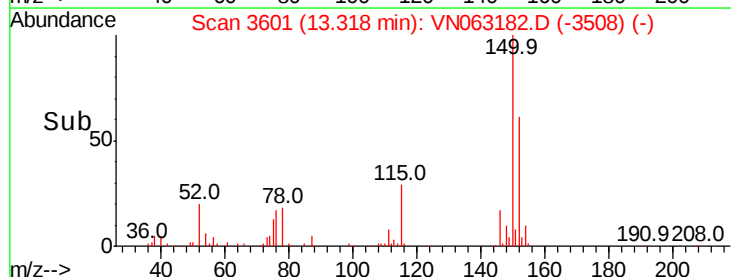
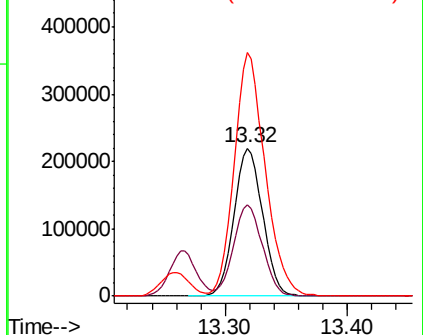


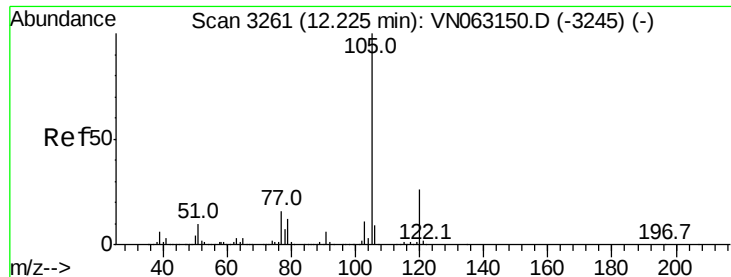
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion:152 Resp: 356877
Ion Ratio Lower Upper
152 100
115 62.0 32.0 96.2
150 177.6 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: 53.913 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

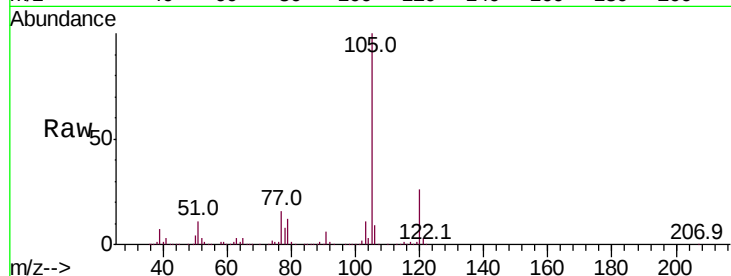
VSTDCCC050

Tot Ion:105 Resp: 1475701

Ion Ratio Lower Upper

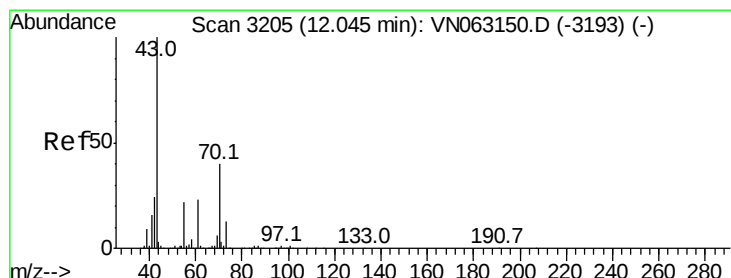
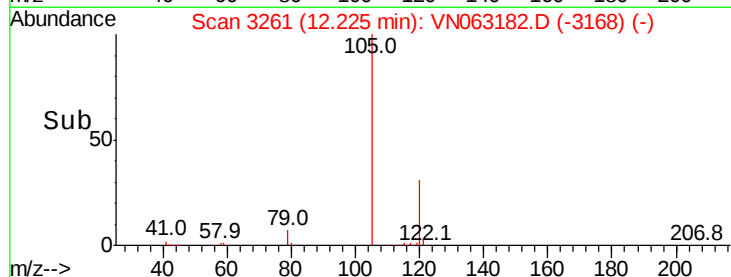
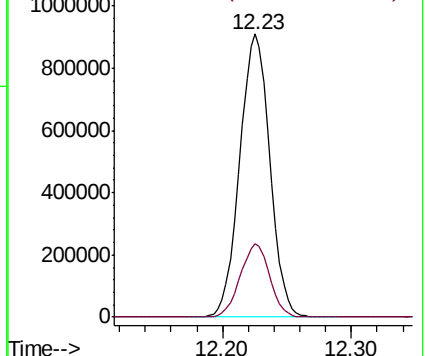
105 100

120 25.3 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: 52.177 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Tgt Ion: 43 Resp: 591582

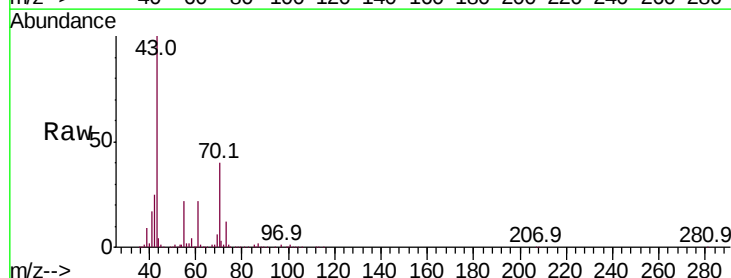
Ion Ratio Lower Upper

43 100

70 39.4 32.1 48.1

55 21.9 17.4 26.0

61 22.3 18.6 27.8

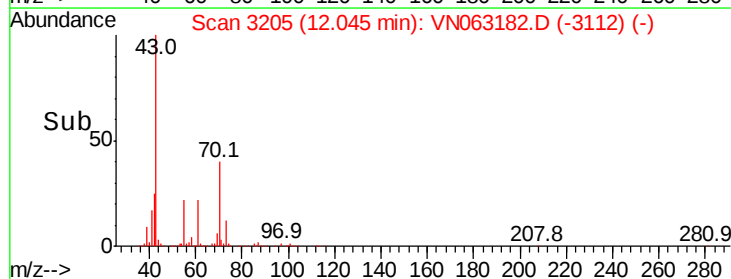
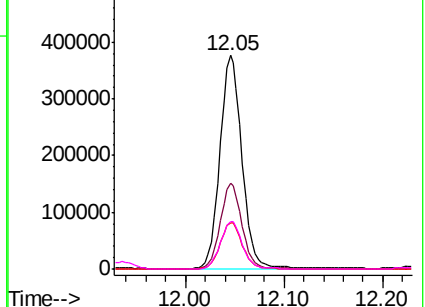


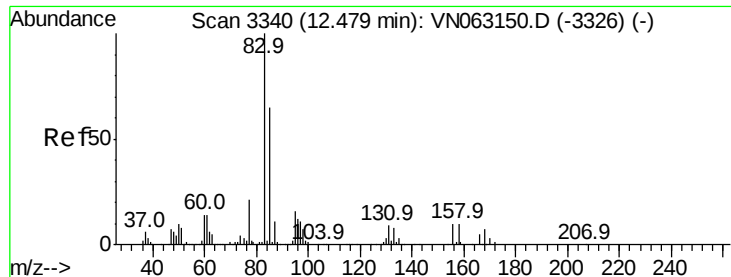
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.419 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

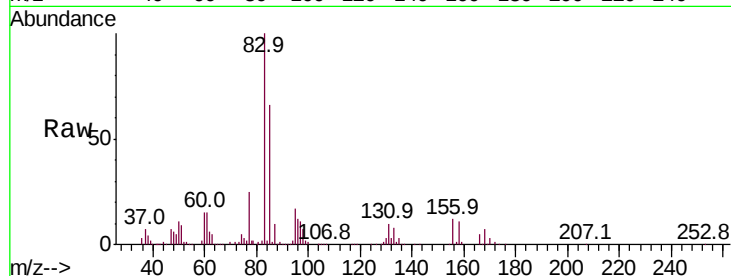
Tot Ion: 83 Resp: 382099

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.0
85	64.6	32.7	98.1

83 100

131 9.8 4.7 14.0

85 64.6 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

12.48

250000

200000

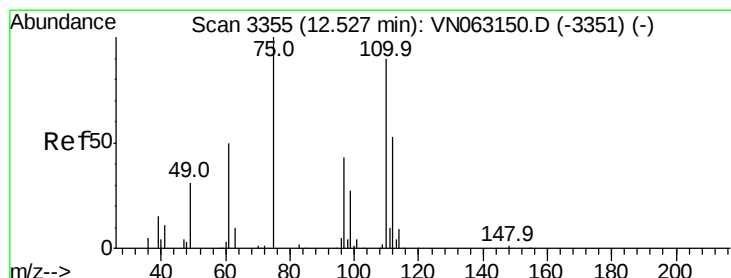
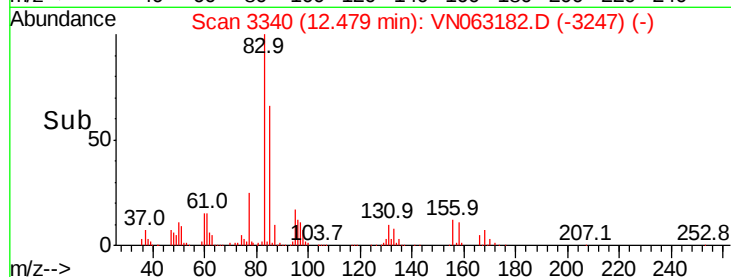
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 77.086 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063182.D

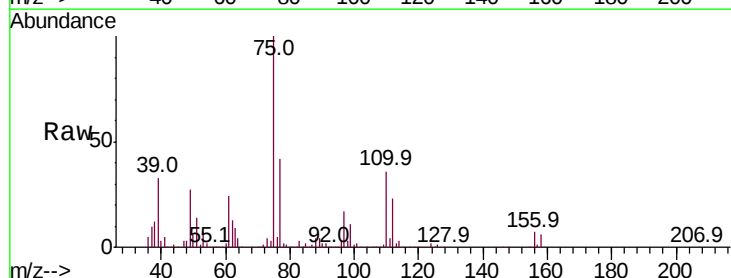
Acq: 2 Sep 2020 9:27

Tgt Ion: 75 Resp: 540521

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

400000

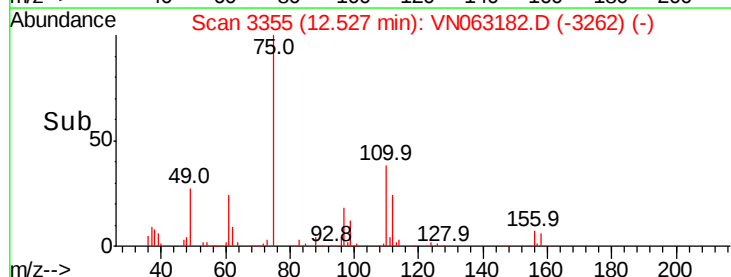
300000

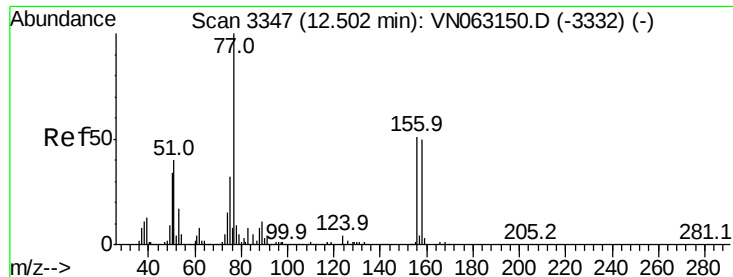
200000

100000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 52.774 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

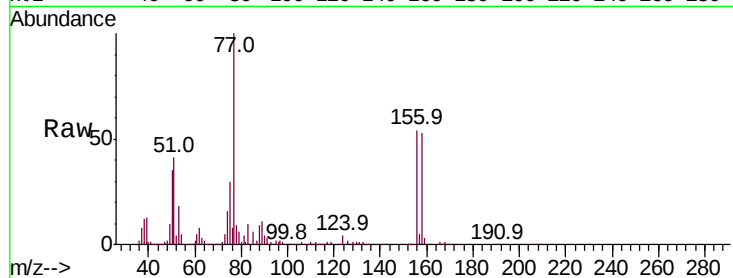
Tot Ion:156 Resp: 326692

Ion Ratio Lower Upper

156 100

77 221.7 116.1 348.3

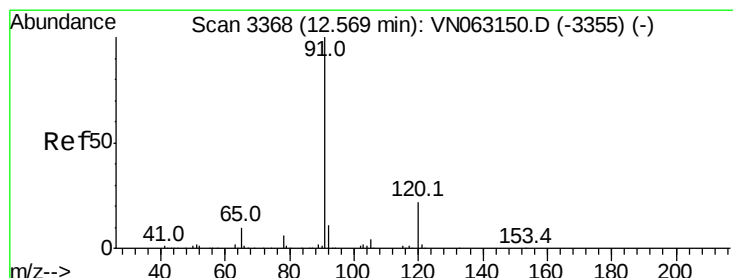
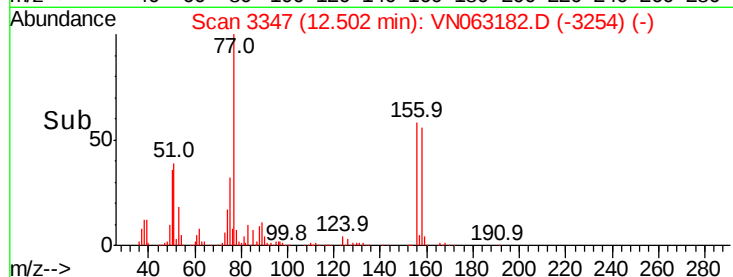
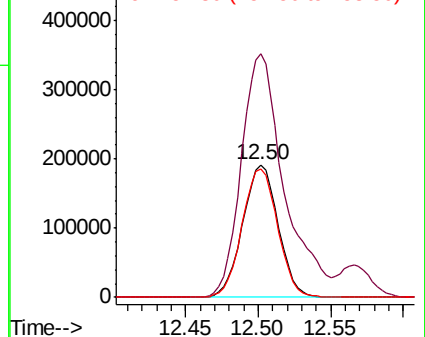
158 97.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.338 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063182.D

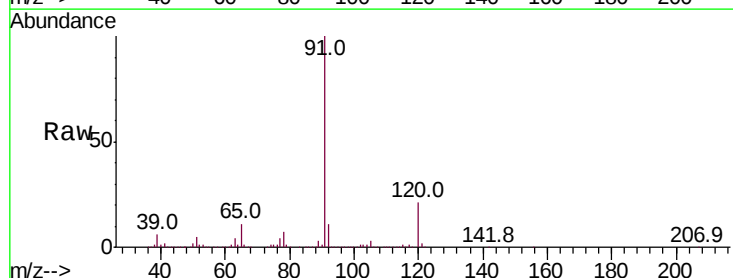
Acq: 2 Sep 2020 9:27

Tgt Ion: 91 Resp: 1752757

Ion Ratio Lower Upper

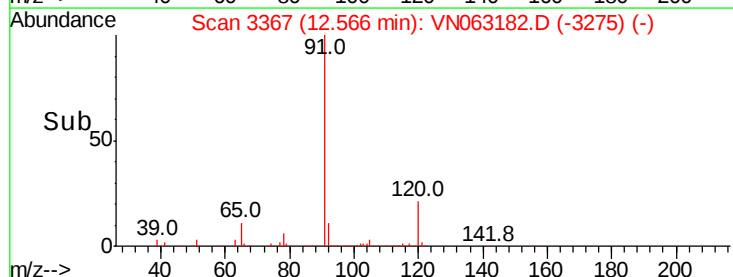
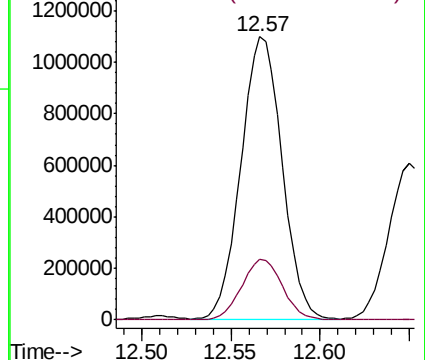
91 100

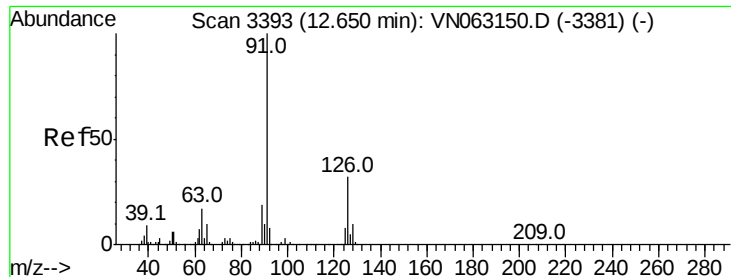
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

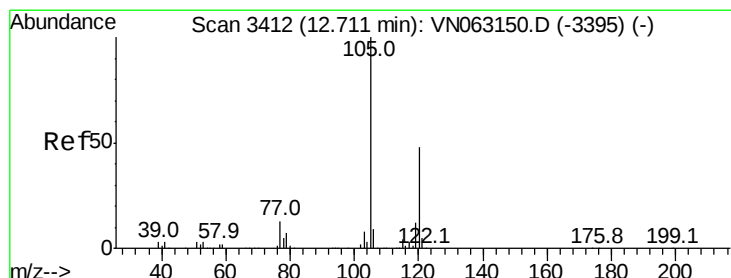
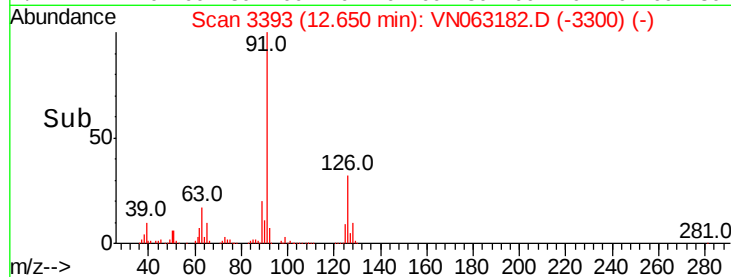
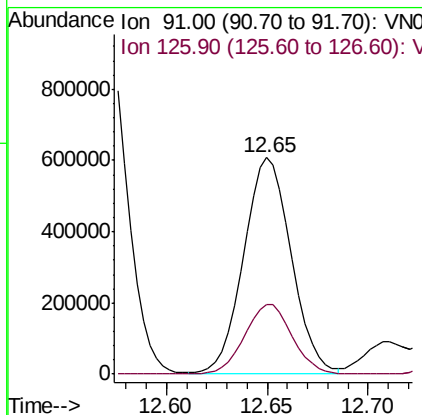
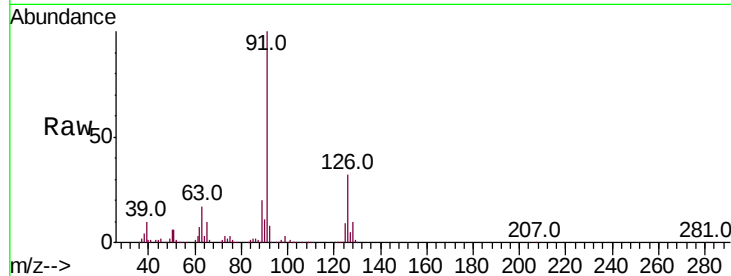




#79
 2-Chlorotoluene
 Concen: 52.374 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

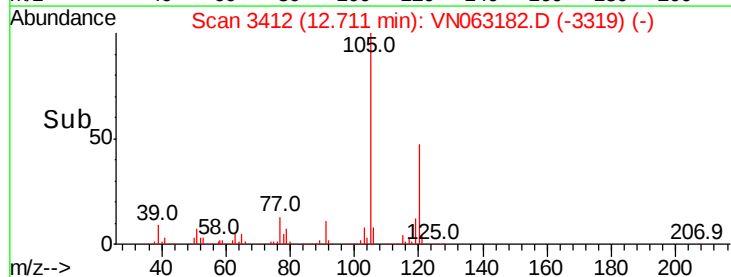
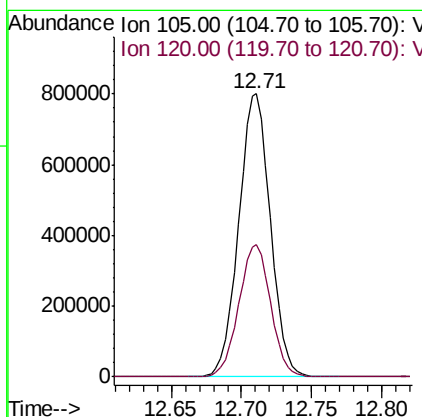
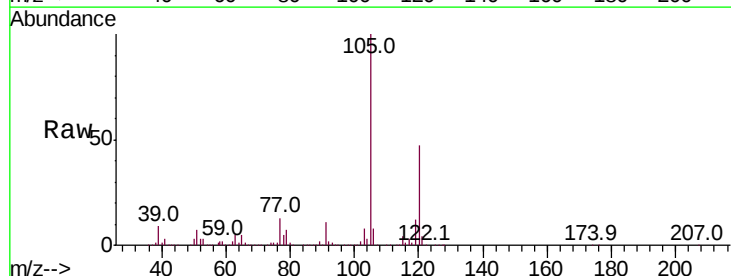
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

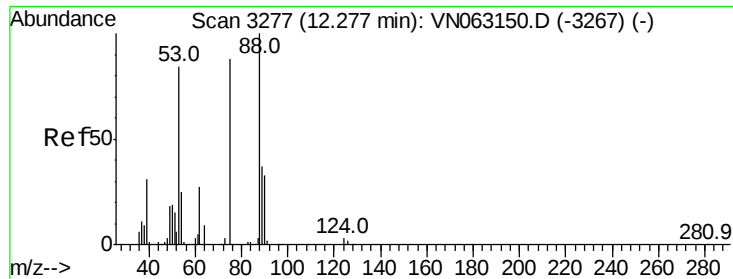
Tot Ion: 91 Resp: 993580
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.128 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Tgt Ion:105 Resp: 1256002
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.209 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

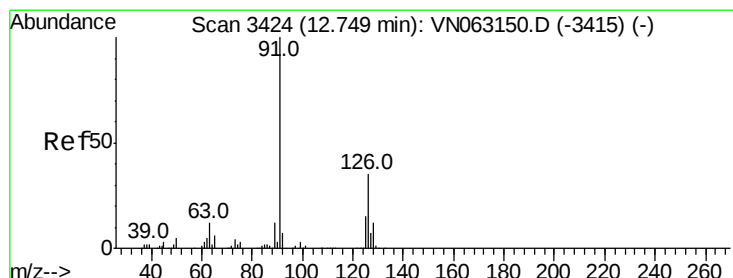
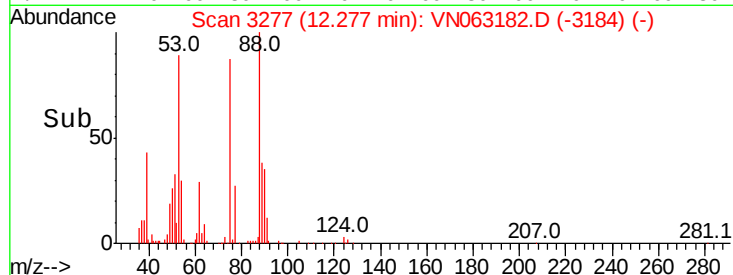
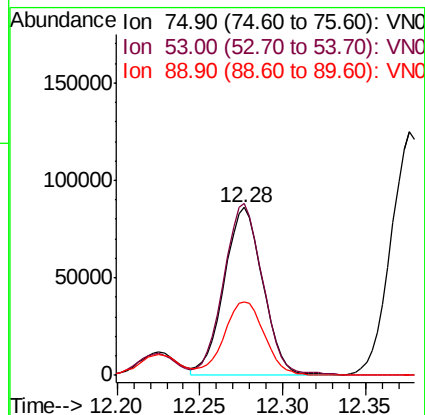
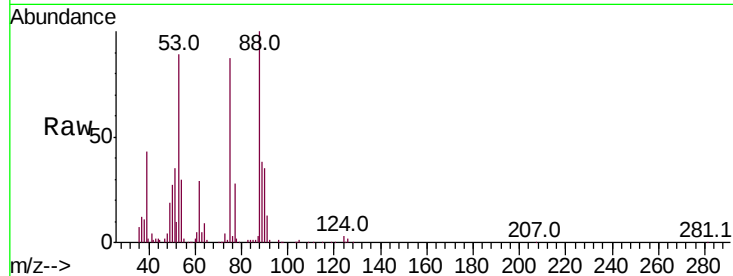
Tot Ion: 75 Resp: 139860

Ion Ratio Lower Upper

75 100

53 103.2 78.7 118.1

89 45.2 35.3 52.9



#82

4-Chlorotoluene

Concen: 53.290 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063182.D

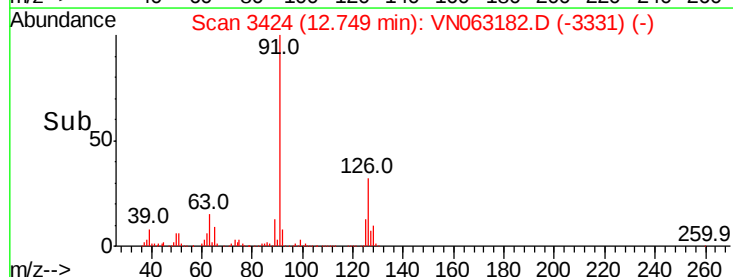
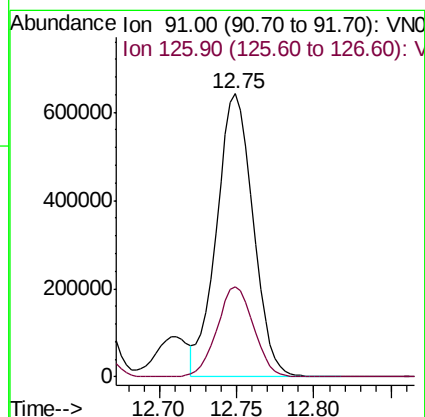
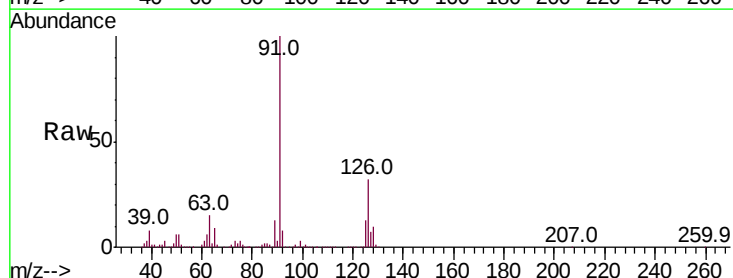
Acq: 2 Sep 2020 9:27

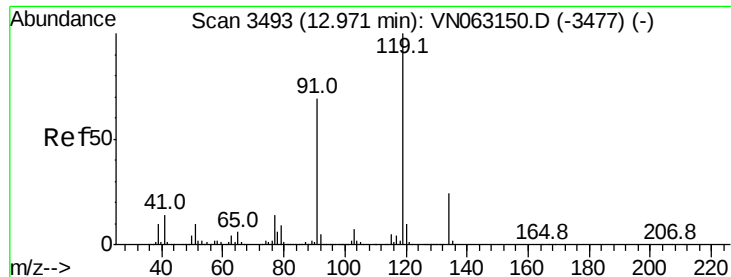
Tgt Ion: 91 Resp: 1048496

Ion Ratio Lower Upper

91 100

126 32.0 16.2 48.5





#83

tert-Butylbenzene

Concen: 52.669 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

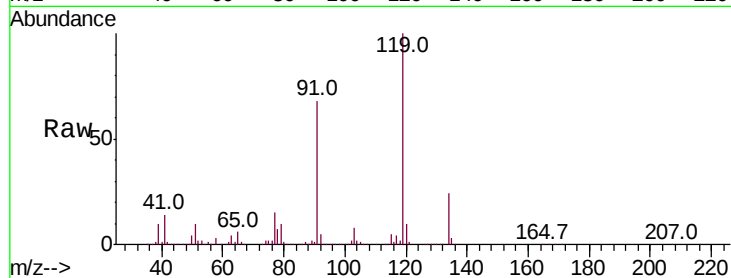
Tot Ion:119 Resp: 1029131

Ion Ratio Lower Upper

119 100

91 67.5 33.7 101.0

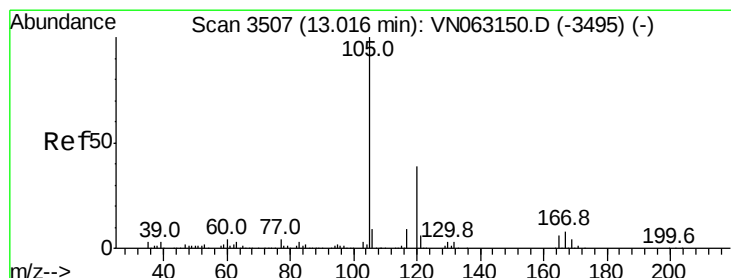
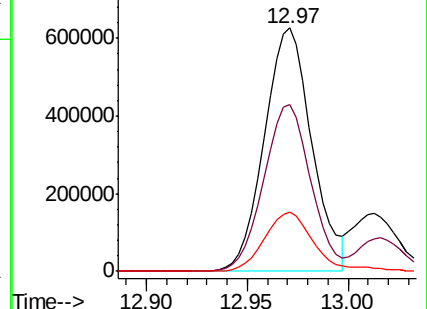
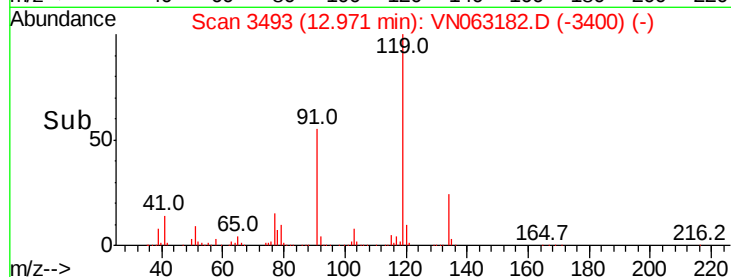
134 25.5 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.329 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063182.D

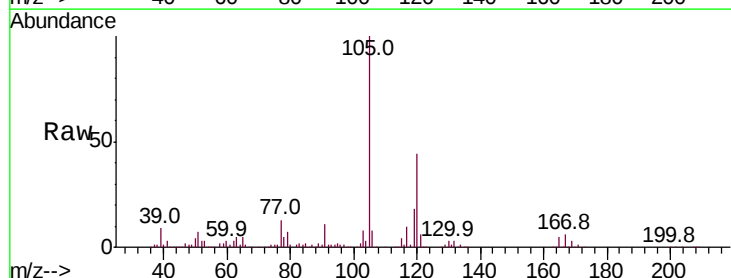
Acq: 2 Sep 2020 9:27

Tgt Ion:105 Resp: 1270636

Ion Ratio Lower Upper

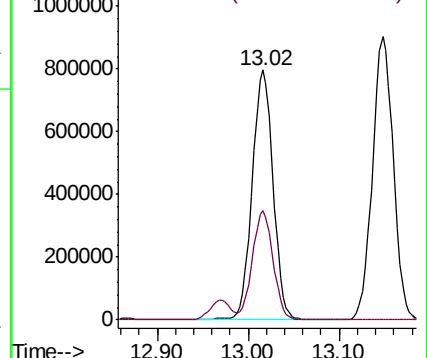
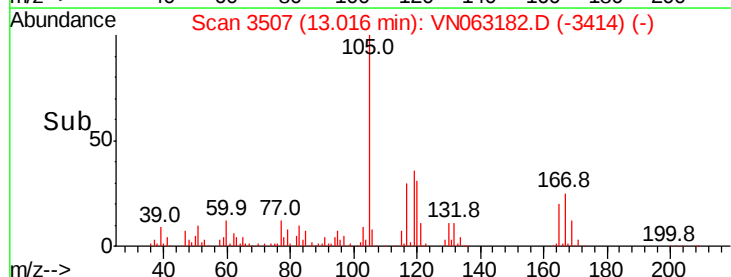
105 100

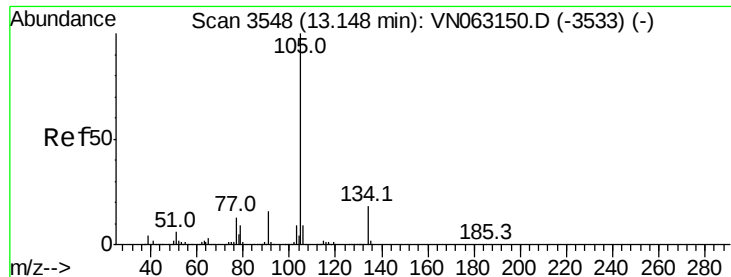
120 43.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.065 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

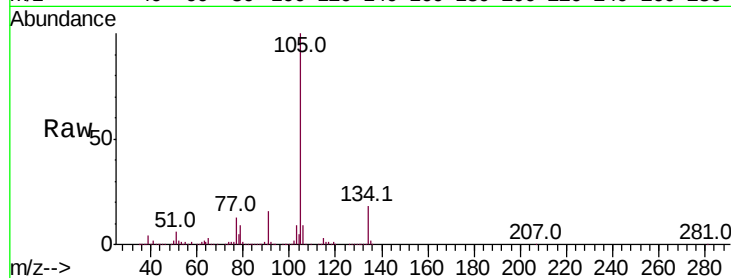
VSTDCCC050

Tot Ion:105 Resp: 1427745

Ion Ratio Lower Upper

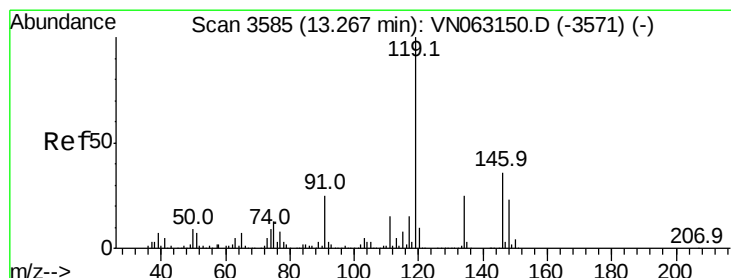
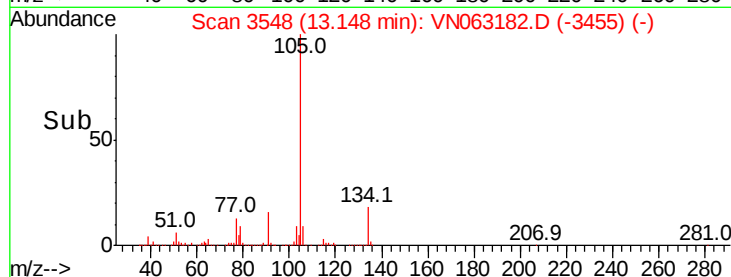
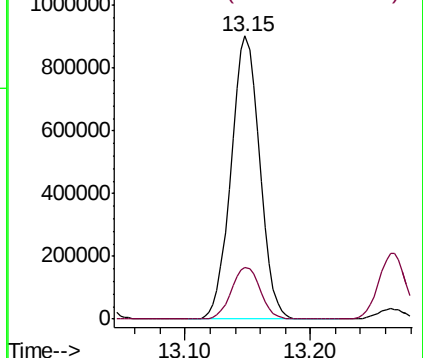
105 100

134 18.7 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.201 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

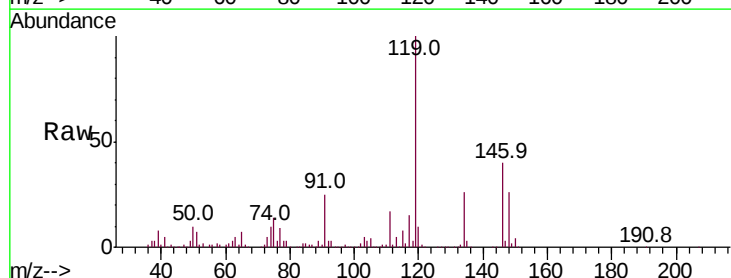
Tgt Ion:119 Resp: 1270652

Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.4

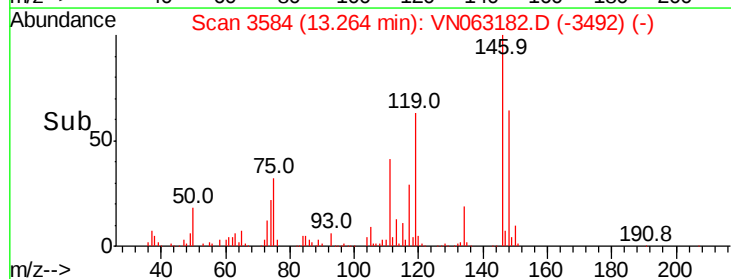
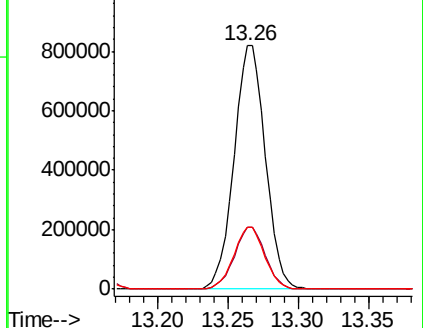
91 25.1 12.2 36.6

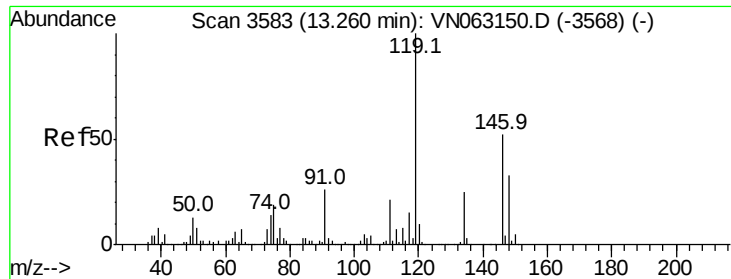


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.386 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

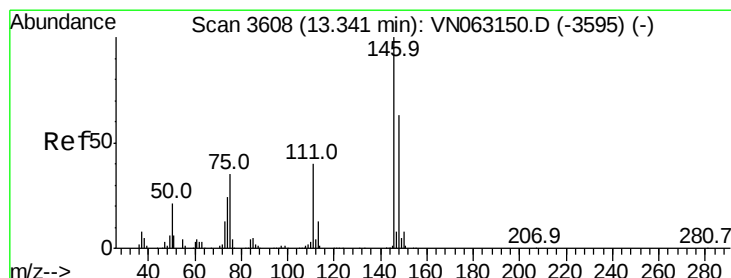
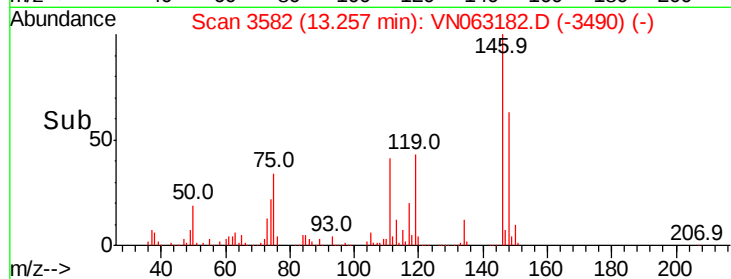
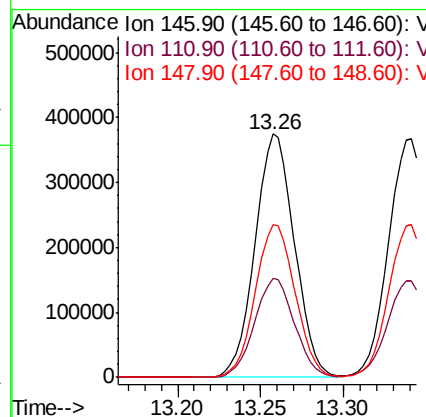
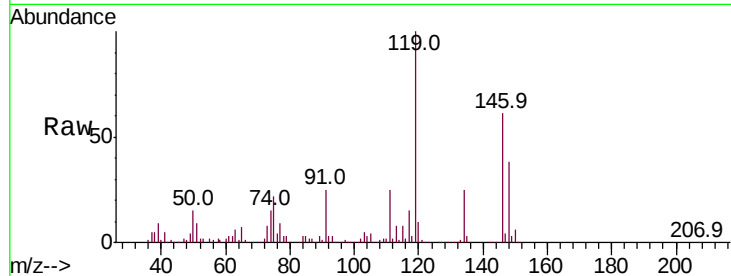
Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 618485

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.7
148	63.3	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 52.103 ug/l

RT: 13.34 min Scan# 3608

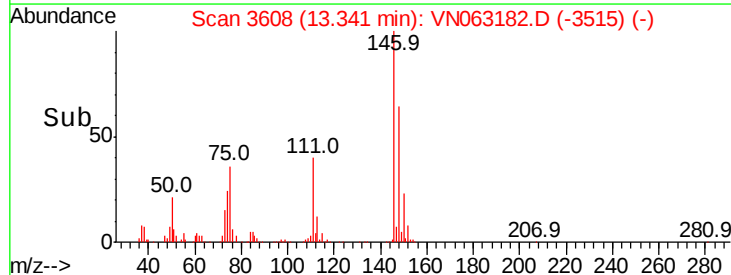
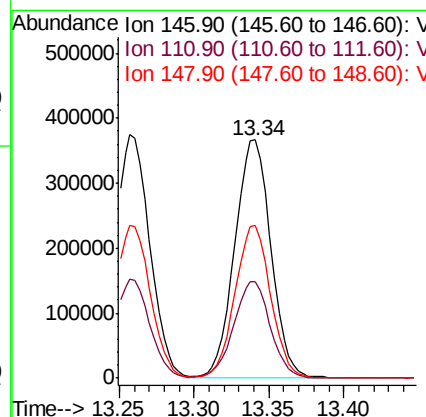
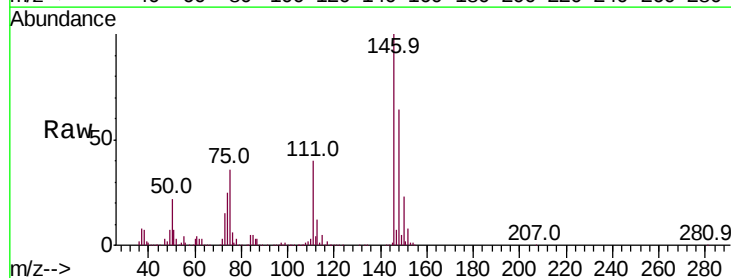
Delta R.T. 0.00 min

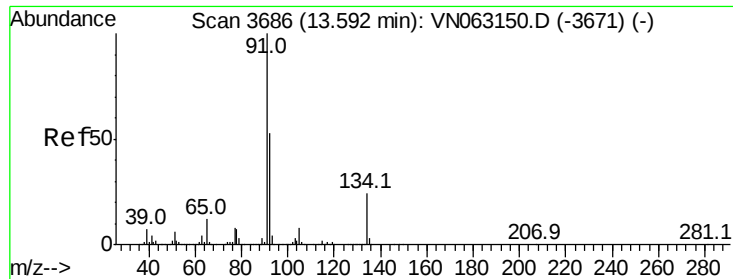
Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Tgt Ion:146 Resp: 613529

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	63.8	31.9	95.7

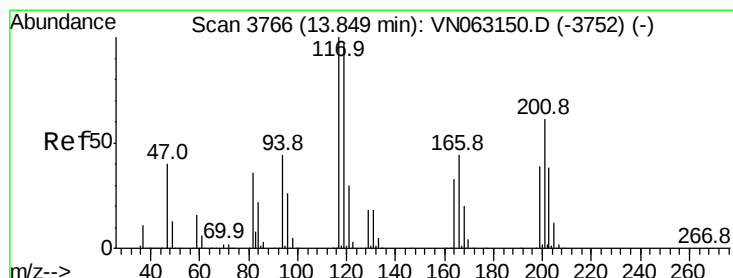
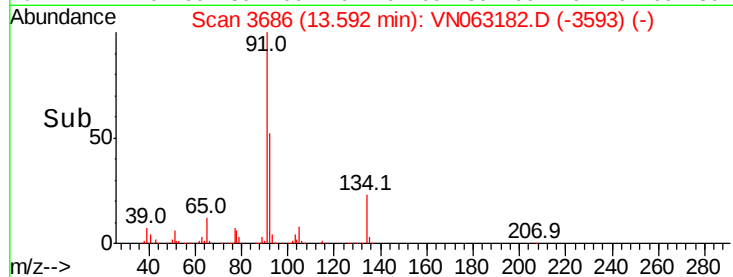
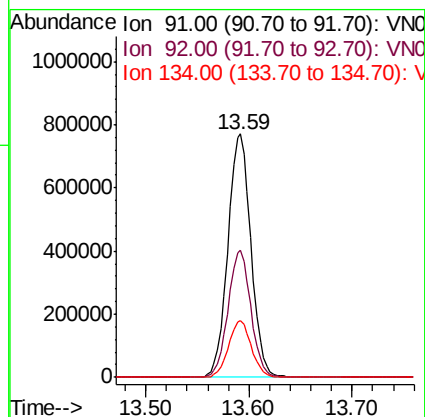
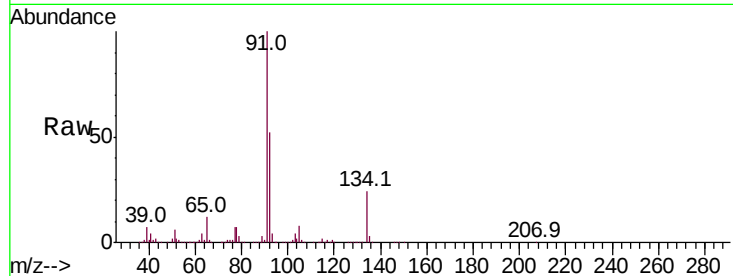




#89
n-Butylbenzene
Concen: 57.361 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

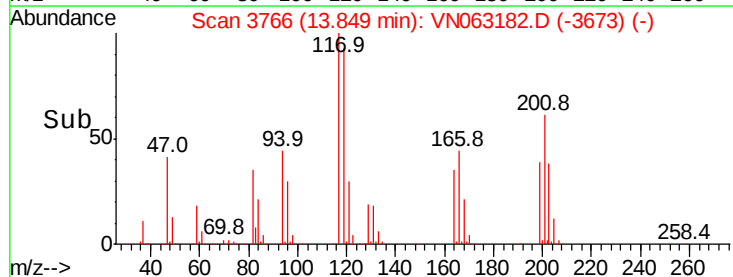
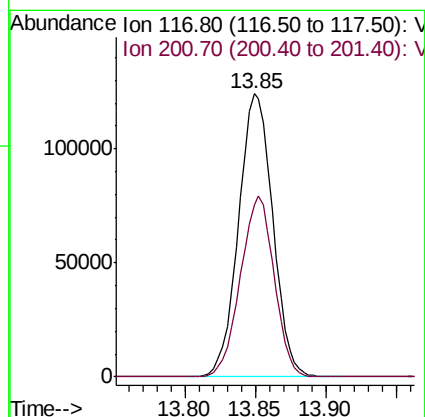
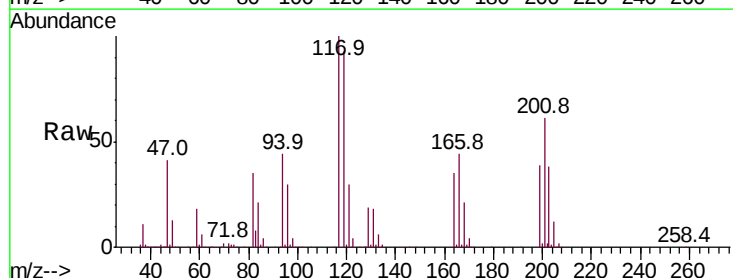
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

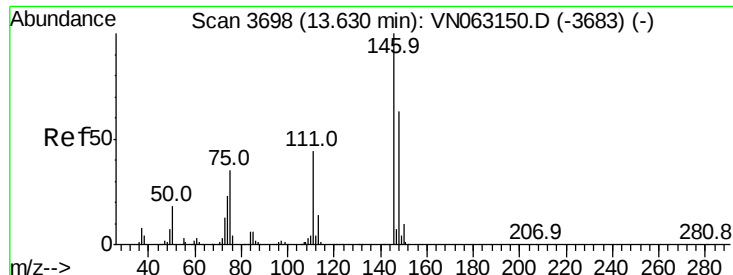
Tot Ion: 91 Resp: 1198105
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.8
134 23.2 12.0 36.0



#90
Hexachloroethane
Concen: 50.460 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063182.D
Acq: 2 Sep 2020 9:27

Tgt Ion: 117 Resp: 211187
Ion Ratio Lower Upper
117 100
201 62.9 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 54.741 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

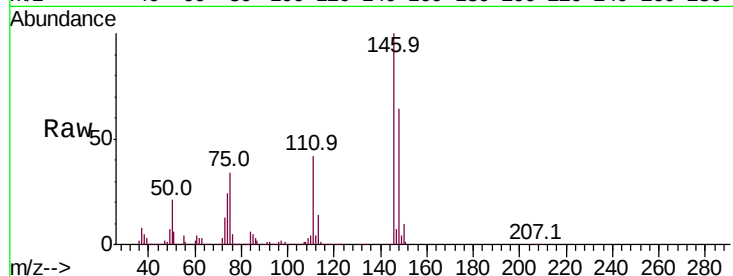
Tot Ion:146 Resp: 604109

Ion Ratio Lower Upper

146 100

111 42.6 22.0 66.0

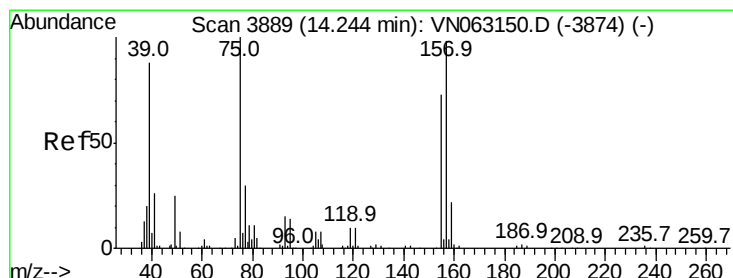
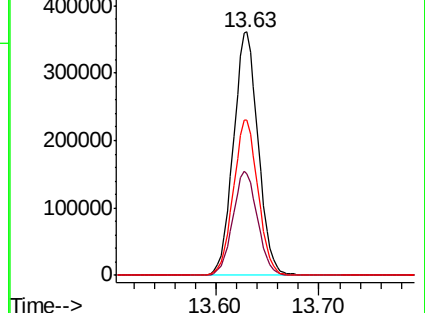
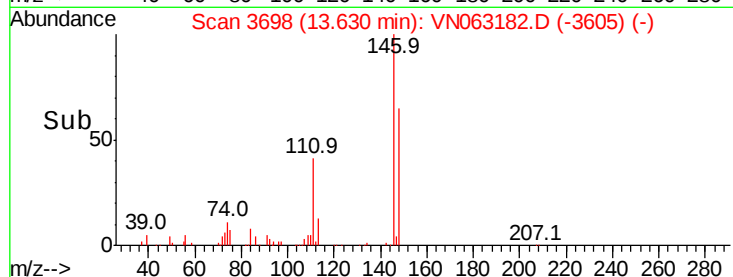
148 63.5 31.6 95.0



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: 48.306 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

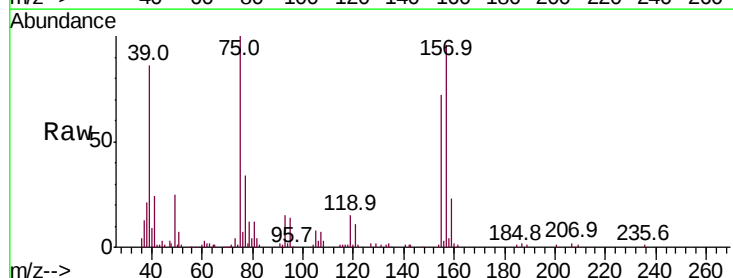
Tgt Ion: 75 Resp: 83808

Ion Ratio Lower Upper

75 100

155 73.8 36.1 108.5

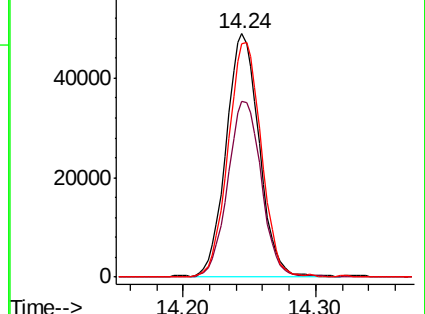
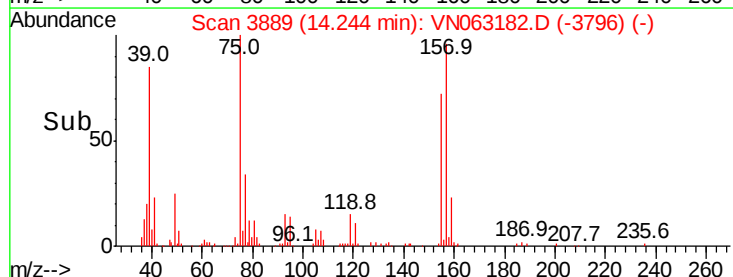
157 97.4 48.4 145.0

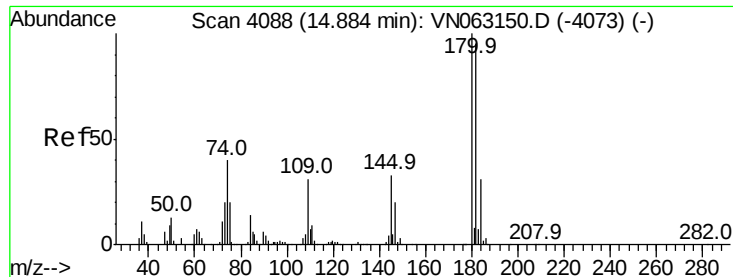


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

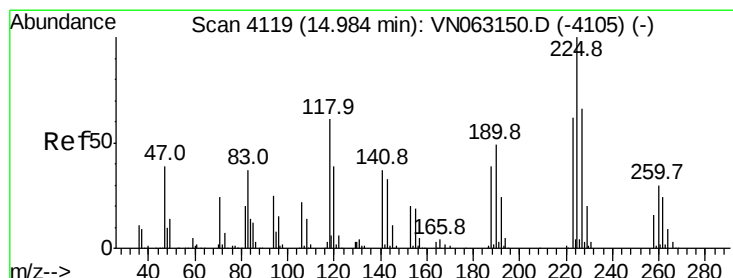
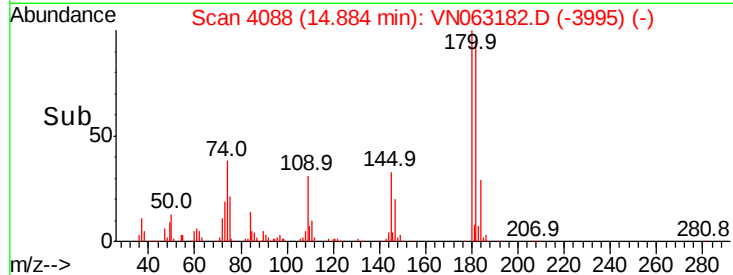
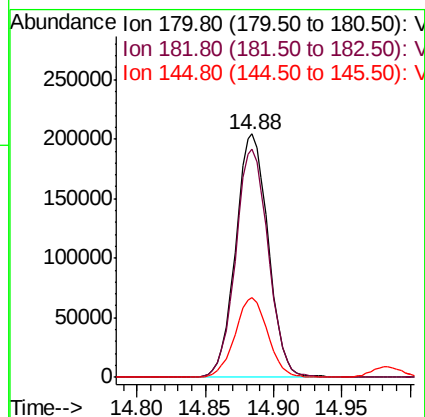
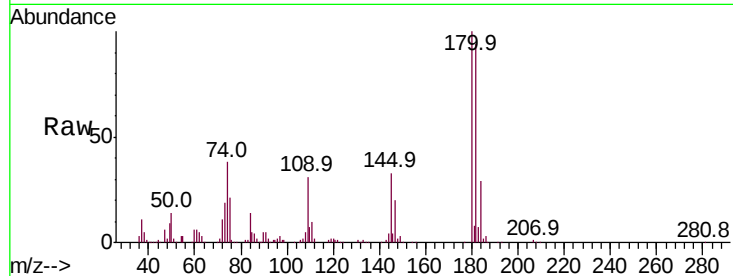




#93
 1,2,4-Trichlorobenzene
 Concen: 54.912 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

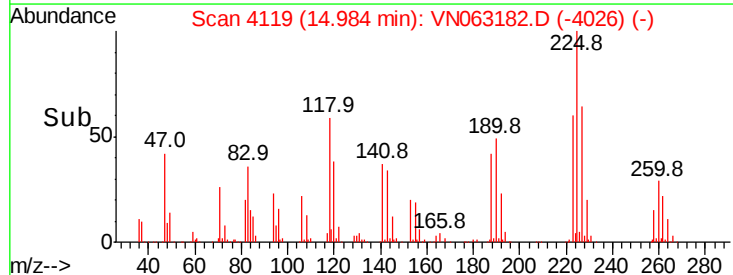
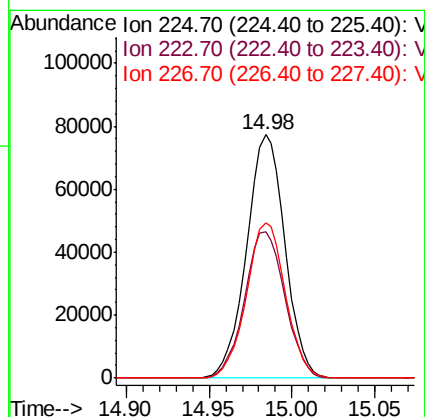
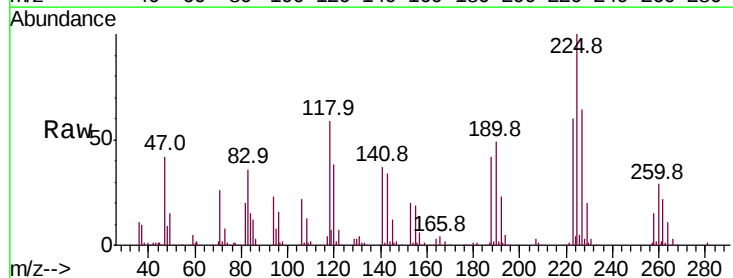
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

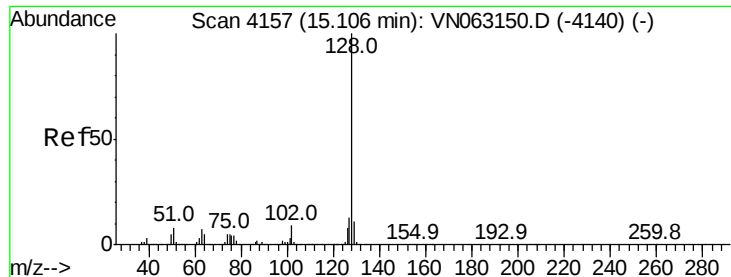
Tot Ion:	180	Resp:	338559
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.5
145	32.8	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 53.906 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063182.D
 Acq: 2 Sep 2020 9:27

Tgt Ion:	225	Resp:	124159
Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	64.8	32.9	98.7





#95

Naphthalene

Concen: 51.696 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Instrument :

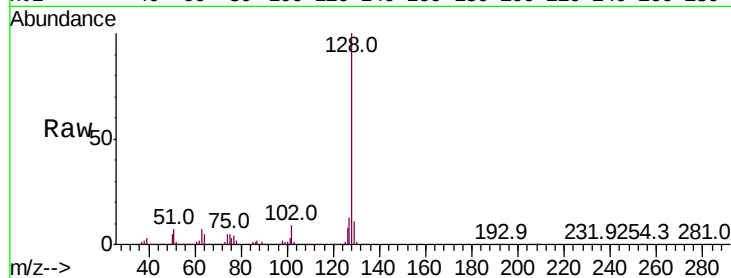
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1063397

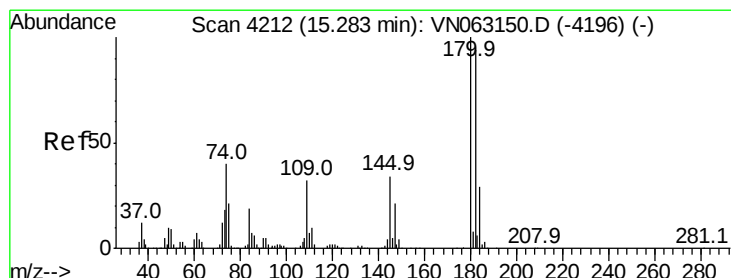
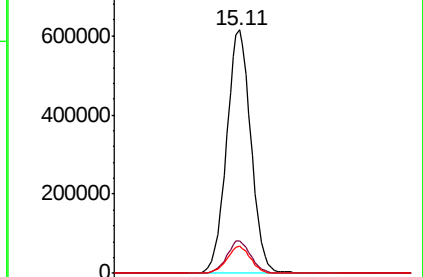
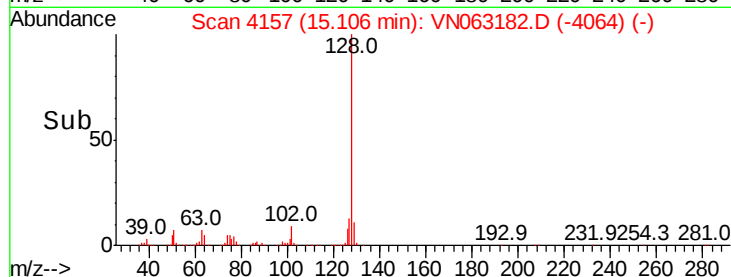
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.6	13.0



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: 53.384 ug/l

RT: 15.29 min Scan# 4213

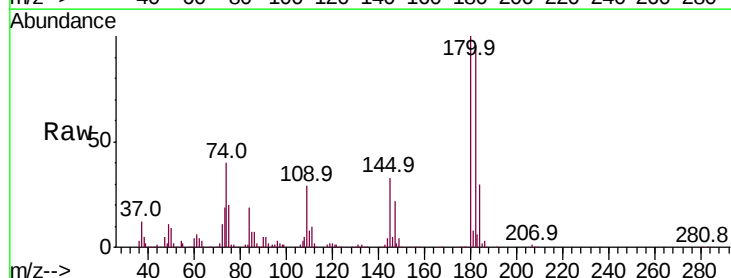
Delta R.T. 0.00 min

Lab File: VN063182.D

Acq: 2 Sep 2020 9:27

Tgt Ion:180 Resp: 320668

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.5
145	34.1	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

