

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063529.D
 Acq On : 22 Sep 2020 13:39
 Operator : JC/MD
 Sample : VN0922WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

Quant Time: Sep 23 04:00:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	226569	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.55	113	164314	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.06	98	618786	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.38	95	230900	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53992	17.154	ug/l	94
3) Chloromethane	2.04	50	67811	16.286	ug/l	99
4) Vinyl Chloride	2.16	62	67144	18.201	ug/l	100
5) Bromomethane	2.54	94	43317	19.776	ug/l	96
6) Chloroethane	2.68	64	40060	17.690	ug/l	94
7) Trichlorofluoromethane	2.99	101	106788	19.402	ug/l	100
8) Diethyl Ether	3.37	74	38481	17.934	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	58766	18.985	ug/l	97
10) Methyl Iodide	3.91	142	67881	16.844	ug/l	99
11) Tert butyl alcohol	4.72	59	48623	74.213	ug/l	99
12) 1,1-Dichloroethene	3.70	96	54634	17.426	ug/l	99
13) Acrolein	3.57	56	19944	82.141	ug/l	94
14) Allyl chloride	4.28	41	104178	16.798	ug/l	100
15) Acrylonitrile	4.93	53	140247	84.153	ug/l	99
16) Acetone	3.77	43	123752	81.419	ug/l	95
17) Carbon Disulfide	4.02	76	148568	16.291	ug/l	99
18) Methyl Acetate	4.28	43	67216	17.420	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	196136	16.785	ug/l	98
20) Methylene Chloride	4.51	84	68361	17.752	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	60392	17.386	ug/l	91
22) Diisopropyl ether	5.90	45	219036	17.318	ug/l	96
23) Vinyl Acetate	5.84	43	879878	84.706	ug/l	100
24) 1,1-Dichloroethane	5.79	63	120920	17.511	ug/l	99
25) 2-Butanone	6.78	43	190052	81.301	ug/l	98
26) 2,2-Dichloropropane	6.78	77	106504	17.518	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	70914	18.037	ug/l	99
28) Bromochloromethane	7.15	49	55413	17.380	ug/l	96
29) Tetrahydrofuran	7.16	42	126992	79.541	ug/l	98
30) Chloroform	7.33	83	124162	17.922	ug/l	96
31) Cyclohexane	7.61	56	105537	16.158	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	110447	17.924	ug/l	99
36) 1,1-Dichloropropene	7.75	75	91131	18.101	ug/l	98
37) Ethyl Acetate	6.88	43	80603	16.313	ug/l	98
38) Carbon Tetrachloride	7.73	117	93003	18.097	ug/l	96

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Sep 23 04:00:13 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94459	17.287	ug/l	95
40) Benzene	8.00	78	264101	18.377	ug/l	99
41) Methacrylonitrile	7.12	41	28687	12.909	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	105259	18.212	ug/l	99
43) Isopropyl Acetate	8.13	43	144812	16.390	ug/l #	90
44) Trichloroethene	8.80	130	65167	18.695	ug/l	99
45) 1,2-Dichloropropane	9.08	63	70350	17.973	ug/l	97
46) Dibromomethane	9.17	93	47177	18.338	ug/l	99
47) Bromodichloromethane	9.37	83	98409	18.413	ug/l	98
48) Methyl methacrylate	9.16	41	69564	16.026	ug/l	98
49) 1,4-Dioxane	9.16	88	19949	320.244	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	422784	85.475	ug/l	100
52) Toluene	10.12	92	163981	18.978	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	104953	17.590	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	111692	17.747	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	65066	18.958	ug/l	98
56) Ethyl methacrylate	10.40	69	93142	17.384	ug/l	98
57) 1,3-Dichloropropane	10.68	76	111139	17.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	227604	80.979	ug/l	98
59) 2-Hexanone	10.72	43	299874	83.683	ug/l	99
60) Dibromochloromethane	10.87	129	70367	18.148	ug/l	96
61) 1,2-Dibromoethane	10.98	107	66926	18.769	ug/l	97
64) Tetrachloroethene	10.60	164	62201	21.130	ug/l	98
65) Chlorobenzene	11.41	112	172055	18.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62707	18.641	ug/l	99
67) Ethyl Benzene	11.48	91	318534	18.432	ug/l	98
68) m/p-Xylenes	11.59	106	234411	37.621	ug/l	98
69) o-Xylene	11.92	106	109865	18.510	ug/l	98
70) Styrene	11.94	104	188799	18.968	ug/l	98
71) Bromoform	12.10	173	43258	17.262	ug/l #	96
73) Isopropylbenzene	12.22	105	301358	18.679	ug/l	99
74) N-amyl acetate	12.05	43	126286	16.535	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	87711	17.558	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	121579	24.397	ug/l #	100
77) Bromobenzene	12.50	156	68892	18.983	ug/l	100
78) n-propylbenzene	12.57	91	351849	18.724	ug/l	99
79) 2-Chlorotoluene	12.65	91	211481	18.774	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	258801	19.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	29310	16.125	ug/l	96
82) 4-Chlorotoluene	12.75	91	223110	18.746	ug/l	100
83) tert-Butylbenzene	12.97	119	202389	18.227	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	257808	18.971	ug/l	100
85) sec-Butylbenzene	13.15	105	270246	18.182	ug/l	98
86) p-Isopropyltoluene	13.26	119	239015	18.232	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	128325	19.077	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	127700	18.672	ug/l	99
89) n-Butylbenzene	13.59	91	218203	18.058	ug/l	99
90) Hexachloroethane	13.85	117	42173	16.895	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	121996	18.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18419	15.484	ug/l	99

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ClientSampleId :
VN0922WBS01

Quant Time: Sep 23 04:00:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

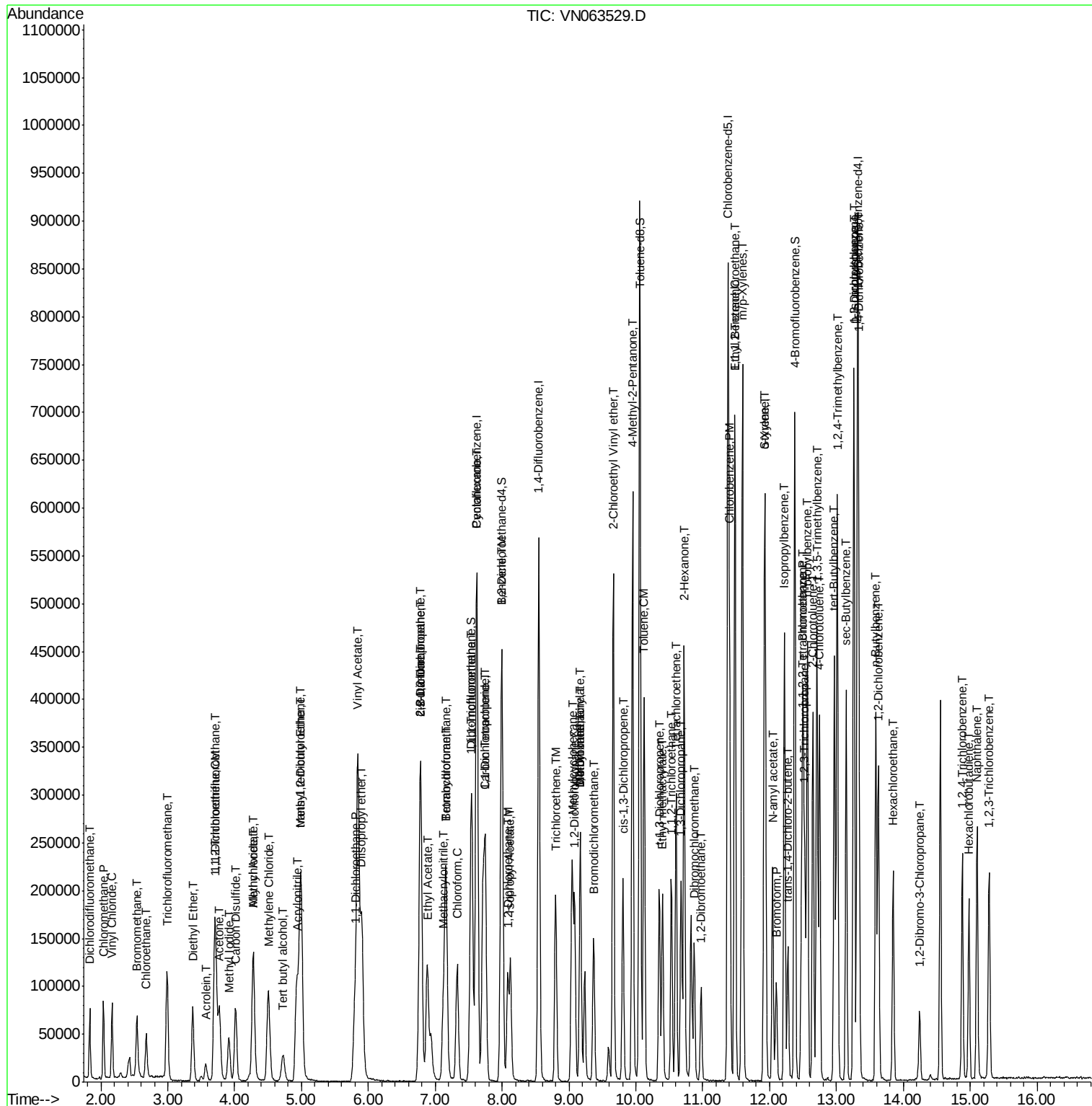
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	66881	17.178	ug/l	97
94) Hexachlorobutadiene	14.98	225	31301	19.420	ug/l	97
95) Naphthalene	15.10	128	211329	16.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64477	17.140	ug/l	97

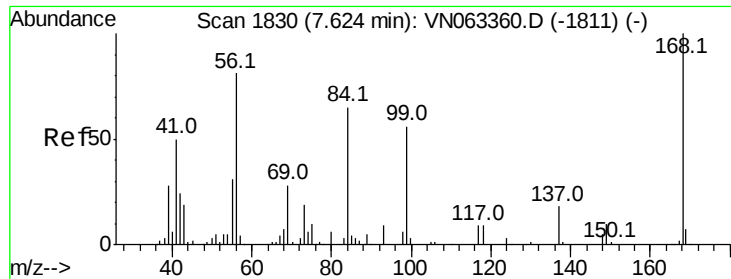
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063529.D
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Sample : VN0922WBS01
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

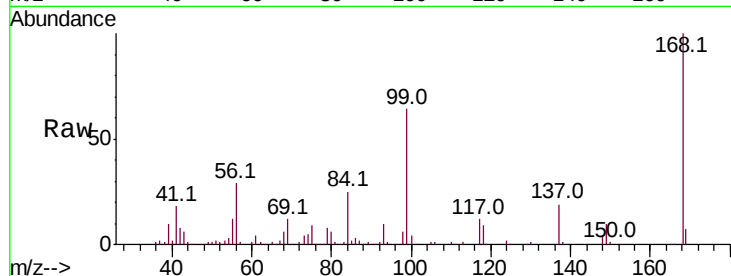
VN0922WBS01

Tot Ion:168 Resp: 277828

Ion Ratio Lower Upper

168 100

99 63.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

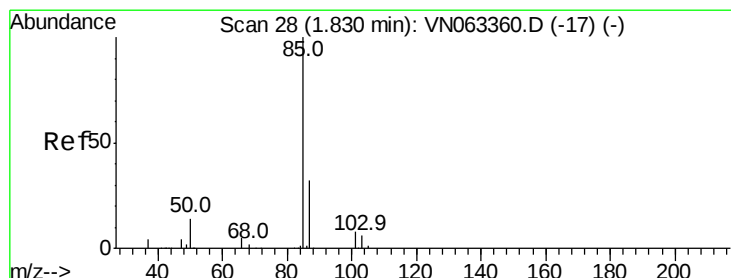
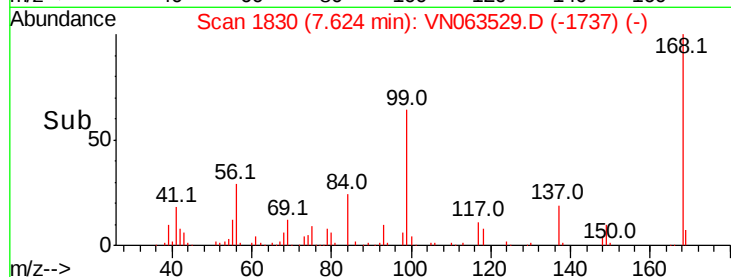
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.154 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063529.D

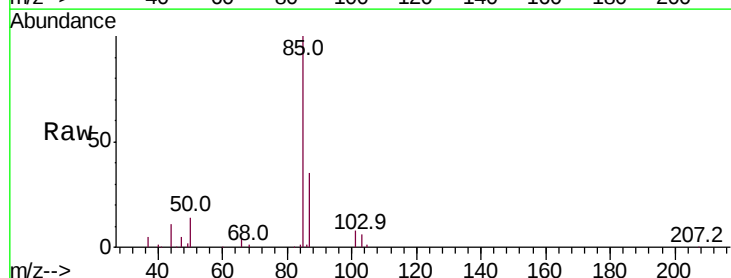
Acq: 22 Sep 2020 13:39

Tgt Ion: 85 Resp: 53992

Ion Ratio Lower Upper

85 100

87 34.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

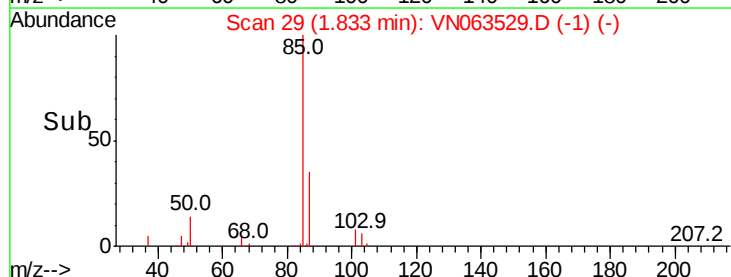
30000

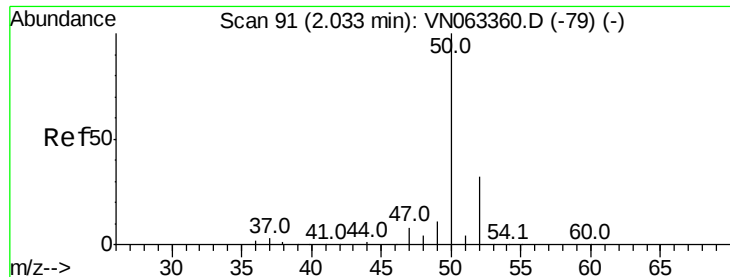
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 16.286 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

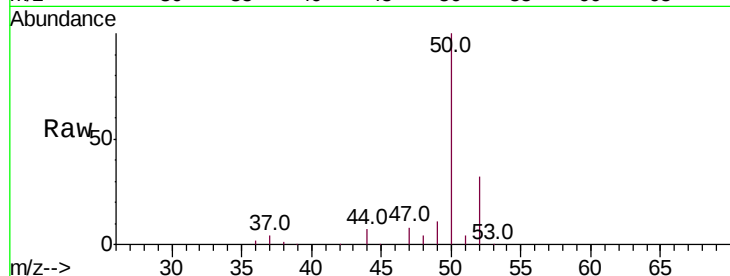
VN0922WBS01

Tot Ion: 50 Resp: 67811

Ion Ratio Lower Upper

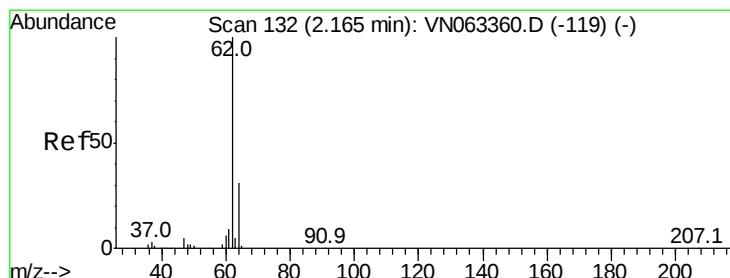
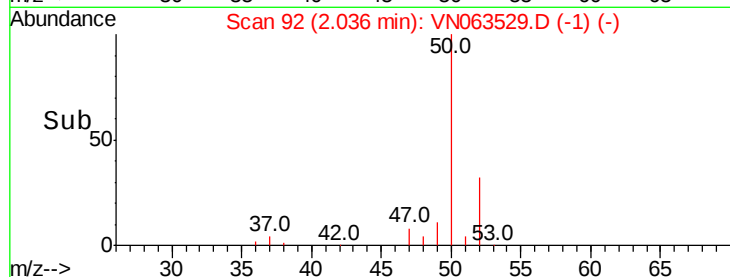
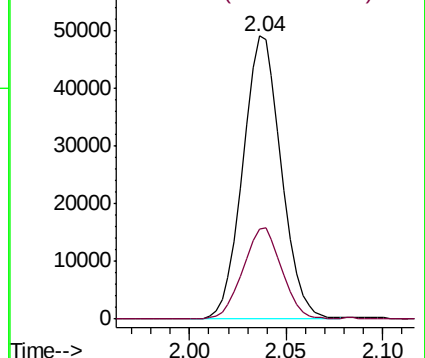
50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.201 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063529.D

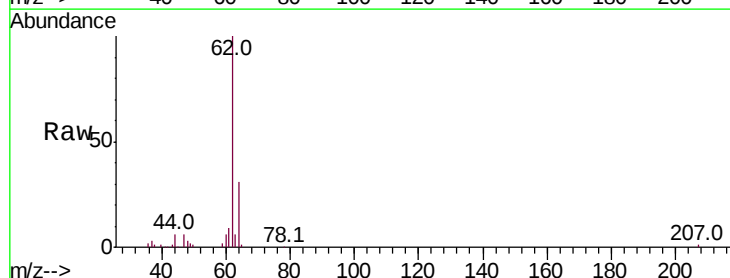
Acq: 22 Sep 2020 13:39

Tgt Ion: 62 Resp: 67144

Ion Ratio Lower Upper

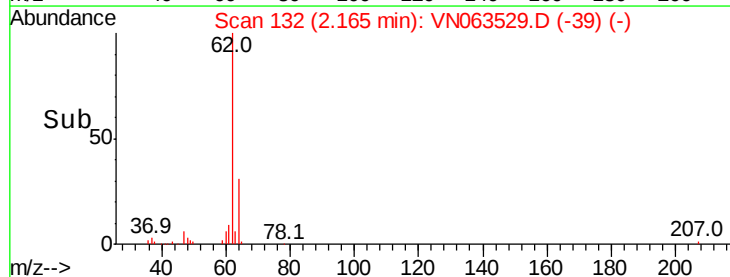
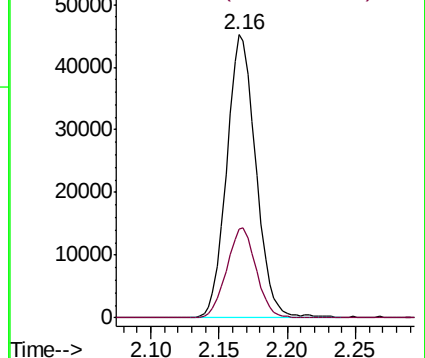
62 100

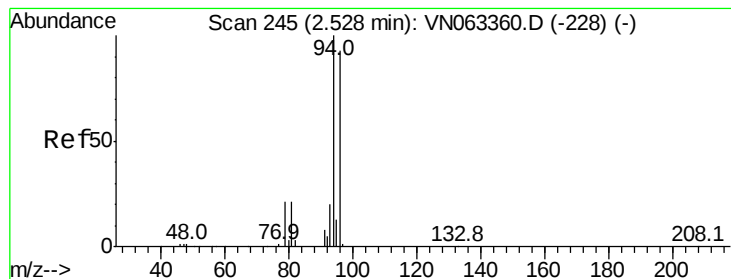
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 19.776 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

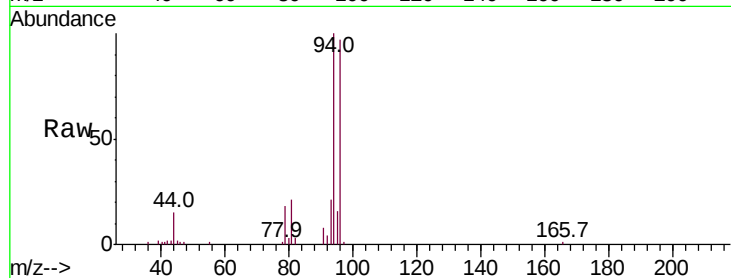
VN0922WBS01

Tot Ion: 94 Resp: 43317

Ion Ratio Lower Upper

94 100

96 96.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

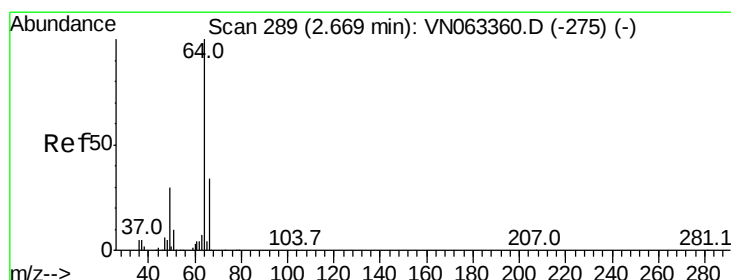
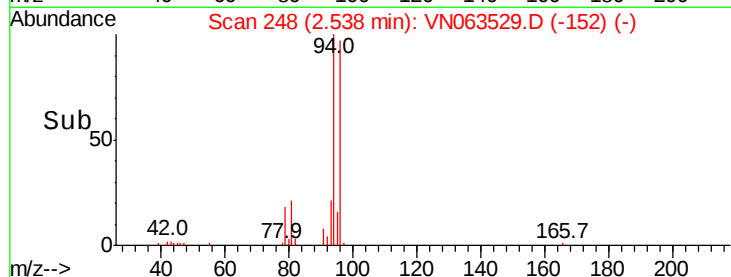
10000

5000

0

Time--> 2.45 2.50 2.55 2.60

2.54



#6

Chloroethane

Concen: 17.690 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063529.D

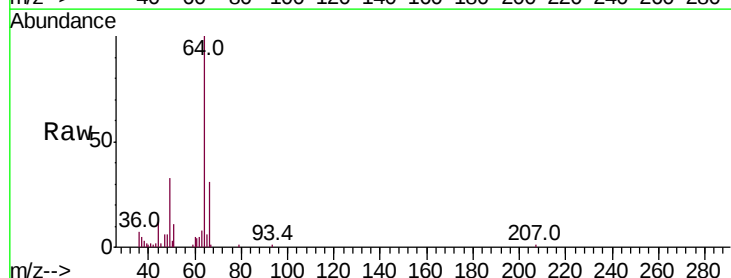
Acq: 22 Sep 2020 13:39

Tgt Ion: 64 Resp: 40060

Ion Ratio Lower Upper

64 100

66 30.0 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

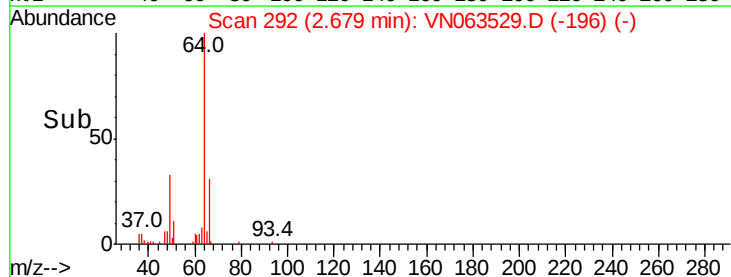
10000

5000

0

Time--> 2.60 2.65 2.70 2.75 2.80

2.68





#7

Trichlorofluoromethane

Concen: 19.402 ug/l

RT: 2.99 min Scan# 389

Delta R.T. 0.01 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

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ClientSampleId :

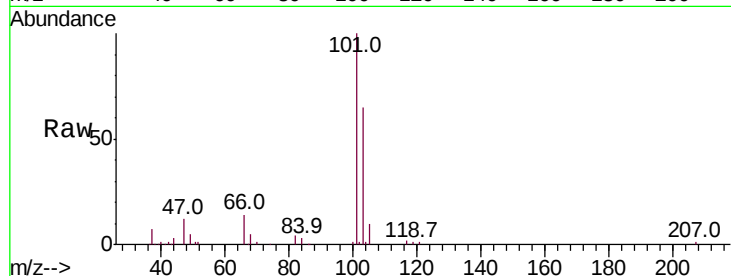
VN0922WBS01

Tot Ion:101 Resp: 106788

Ion Ratio Lower Upper

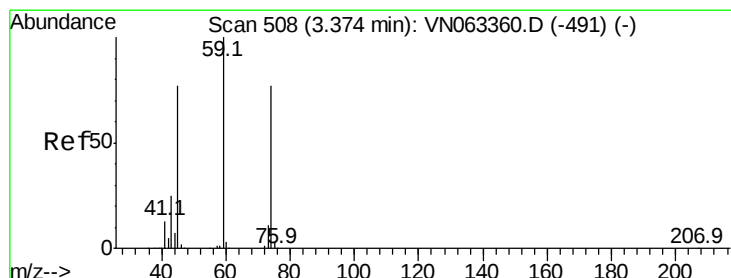
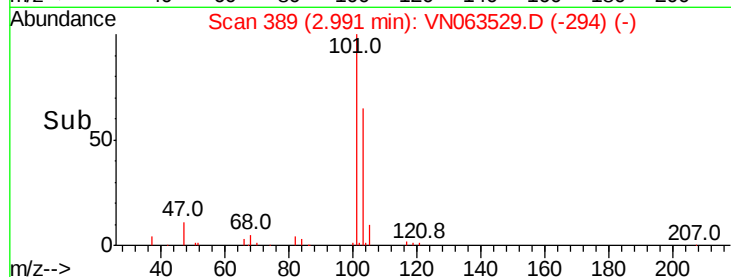
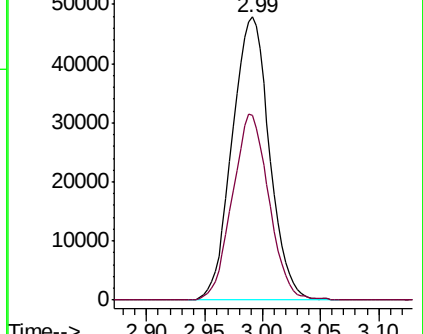
101 100

103 65.2 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.934 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN063529.D

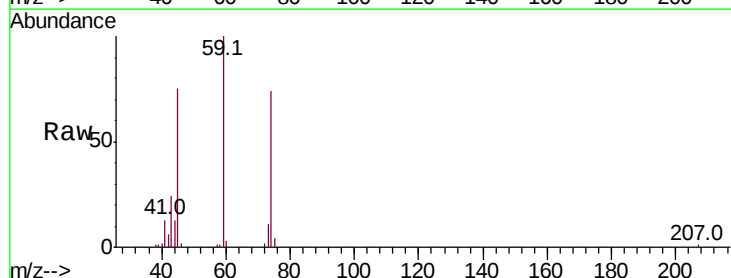
Acq: 22 Sep 2020 13:39

Tgt Ion: 74 Resp: 38481

Ion Ratio Lower Upper

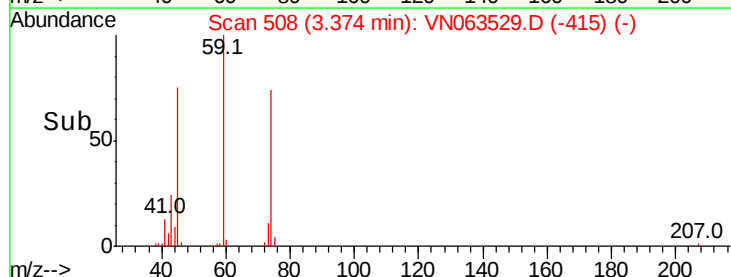
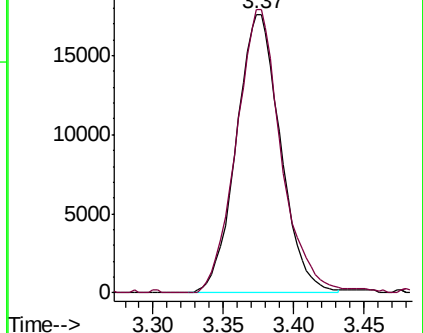
74 100

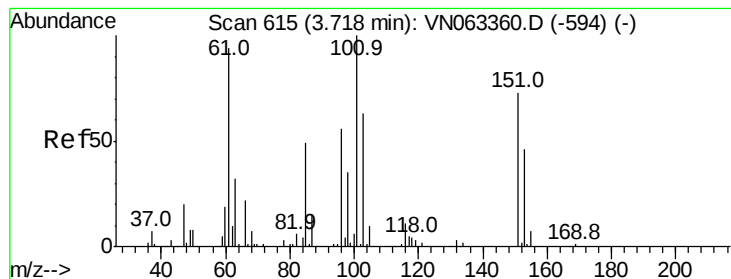
45 103.0 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.985 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063529.D

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VN0922WBS01

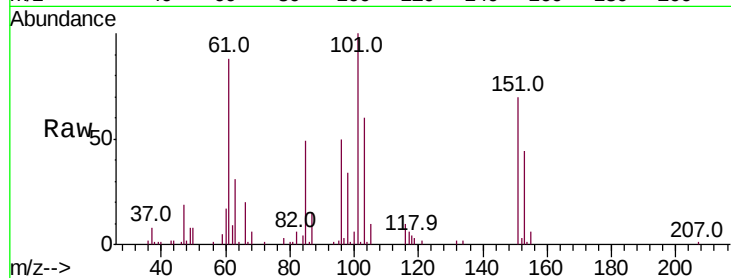
Tot Ion:101 Resp: 58766

Ion Ratio Lower Upper

101 100

85 47.0 37.7 56.5

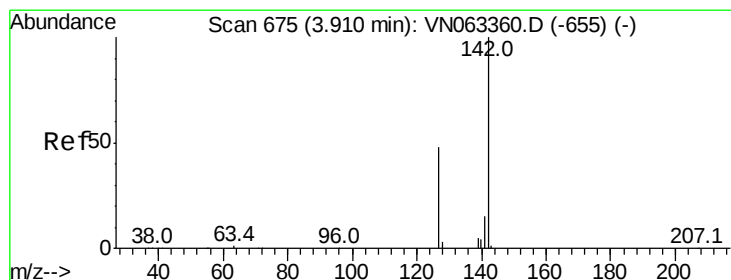
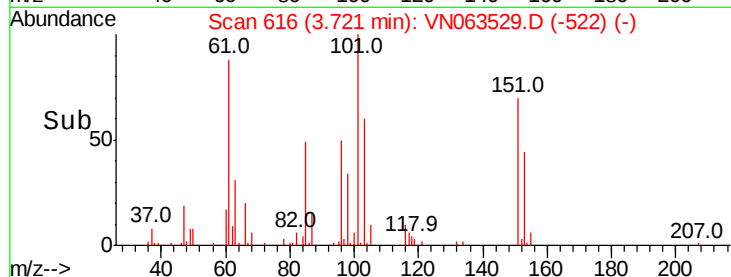
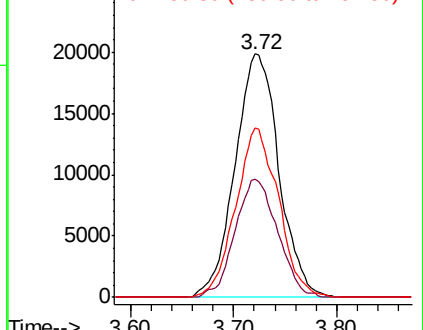
151 67.8 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.844 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

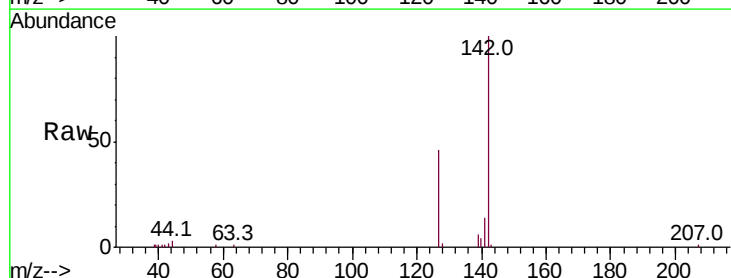
Tgt Ion:142 Resp: 67881

Ion Ratio Lower Upper

142 100

127 49.6 39.0 58.6

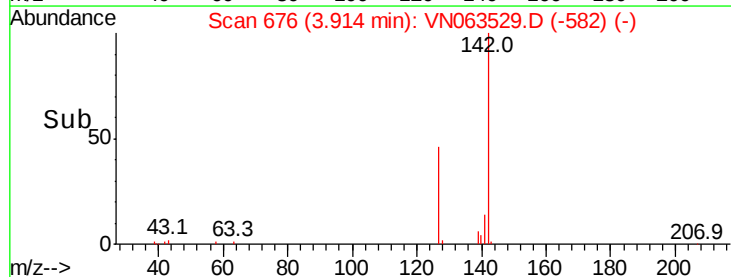
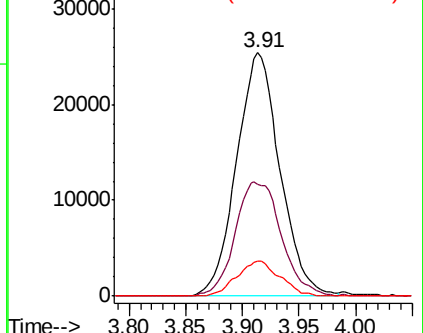
141 14.1 11.6 17.4

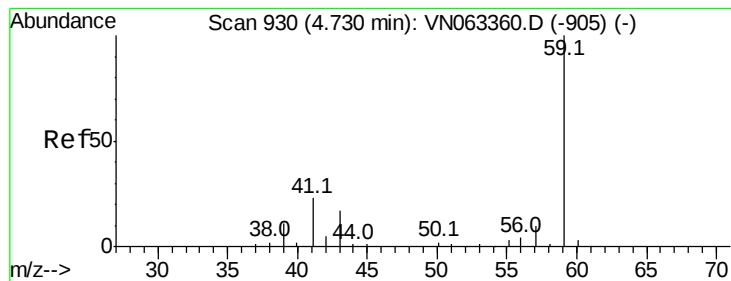


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



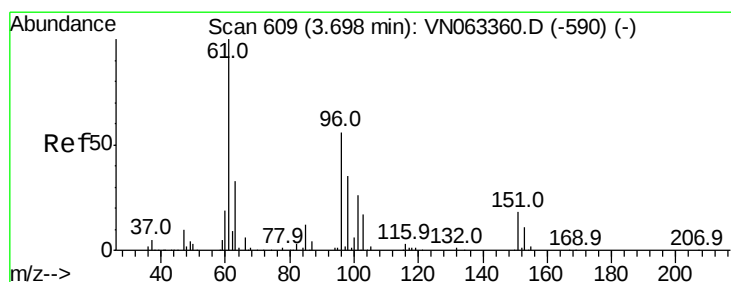
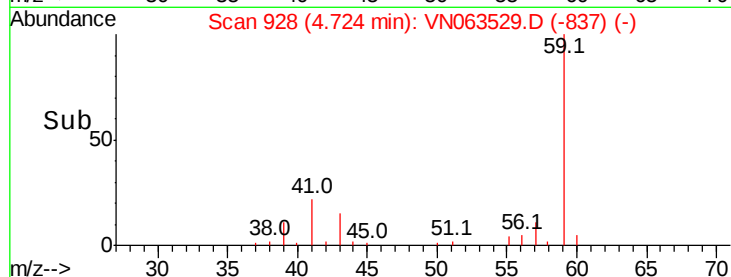
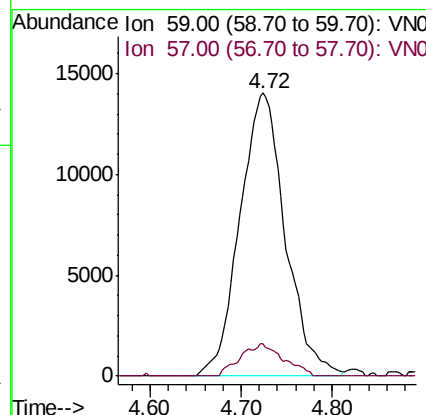
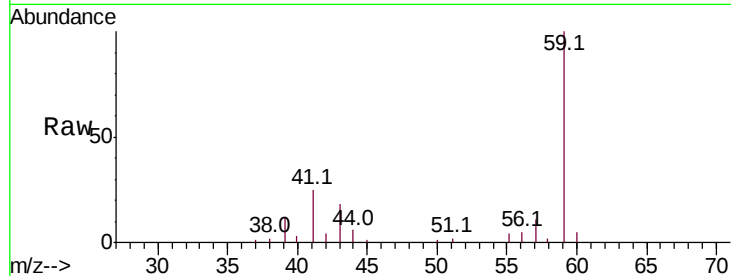


#11

Tert butyl alcohol
 Concen: 74.213 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

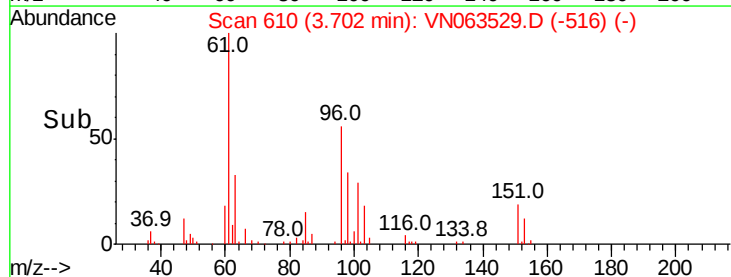
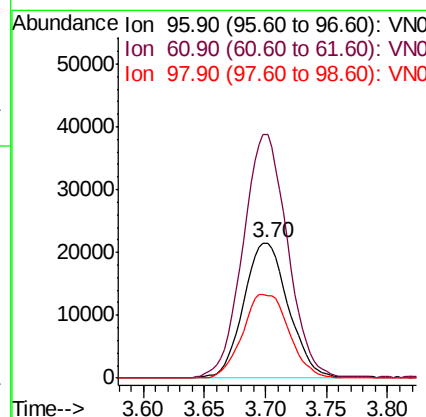
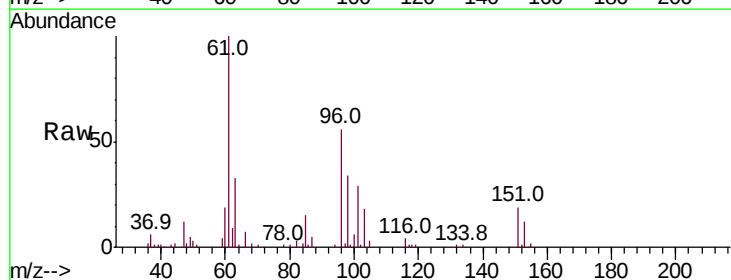
Tot Ion: 59 Resp: 48623
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.4 12.6

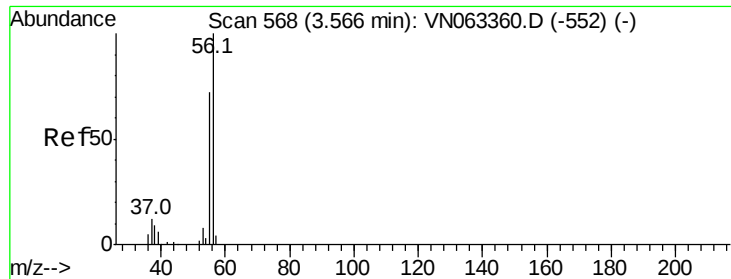


#12

1,1-Dichloroethene
 Concen: 17.426 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Tgt Ion: 96 Resp: 54634
 Ion Ratio Lower Upper
 96 100
 61 179.9 143.4 215.2
 98 61.3 50.6 76.0





#13

Acrolein

Concen: 82.141 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

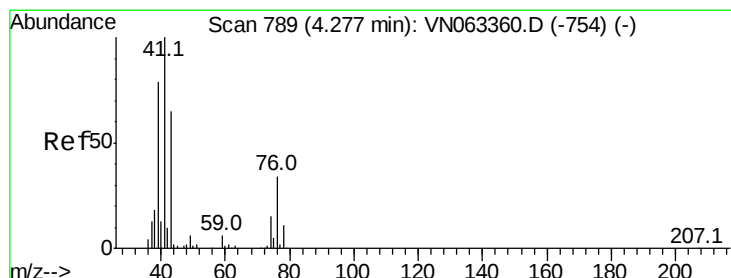
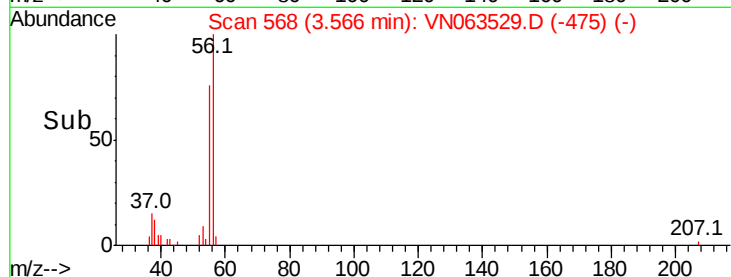
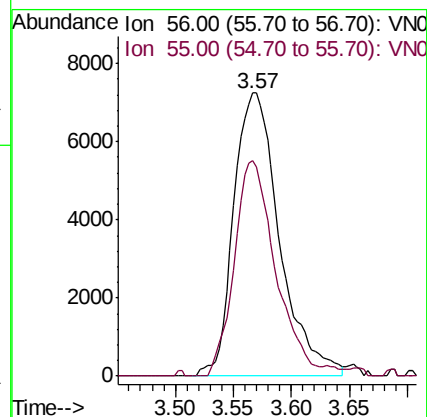
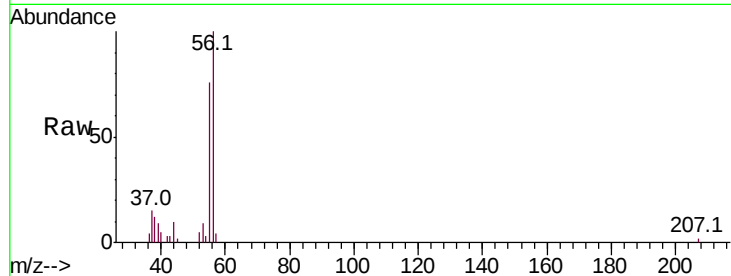
VN0922WBS01

Tot Ion: 56 Resp: 19944

Ion Ratio Lower Upper

56 100

55 68.1 58.2 87.2



#14

Allyl chloride

Concen: 16.798 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

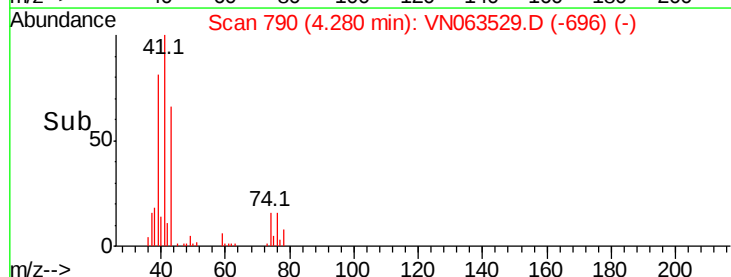
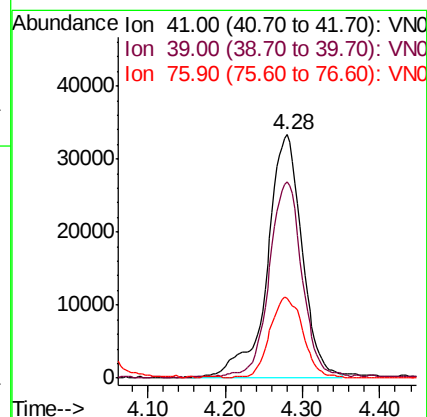
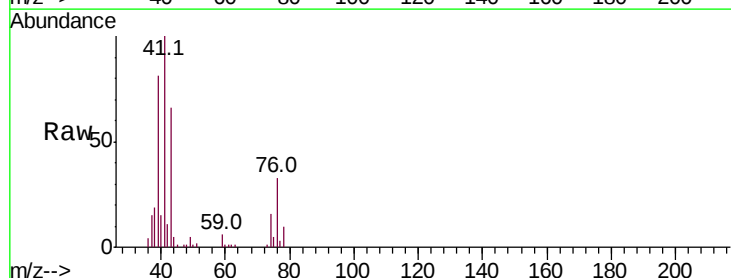
Tgt Ion: 41 Resp: 104178

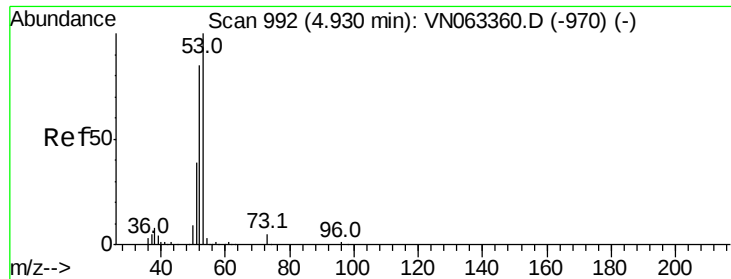
Ion Ratio Lower Upper

41 100

39 74.2 59.3 88.9

76 31.7 25.3 37.9





#15

Acrylonitrile

Concen: 84.153 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

VN0922WBS01

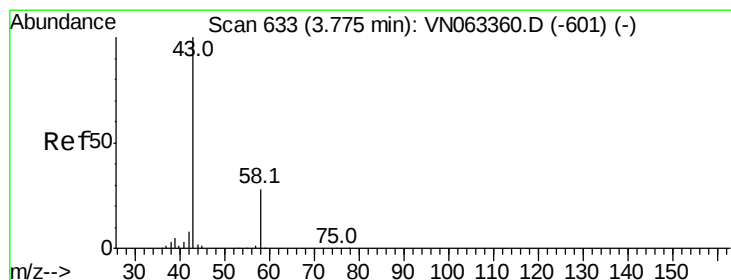
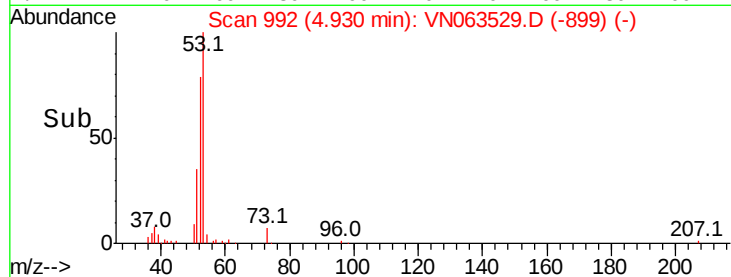
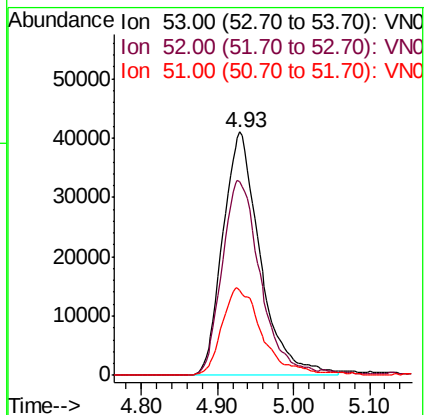
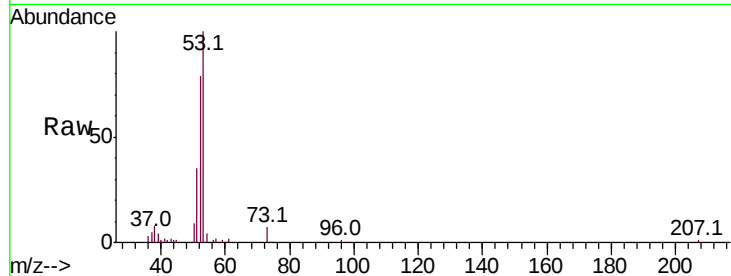
Tot Ion: 53 Resp: 140247

Ion Ratio Lower Upper

53 100

52 81.6 66.4 99.6

51 38.3 30.2 45.4



#16

Acetone

Concen: 81.419 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063529.D

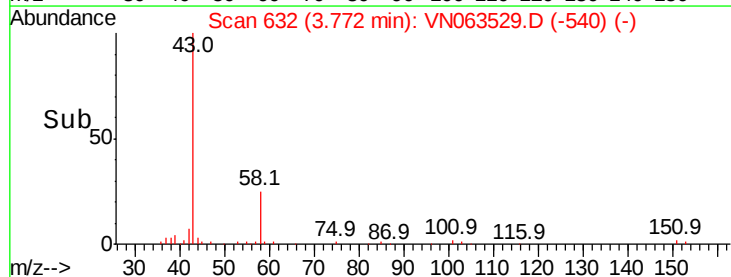
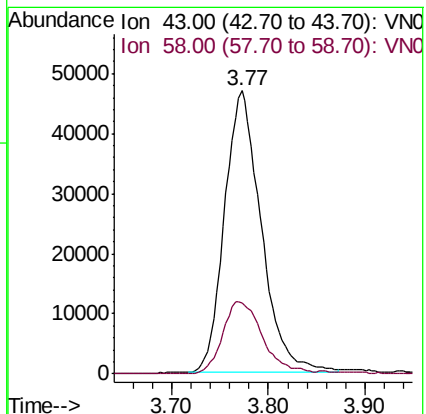
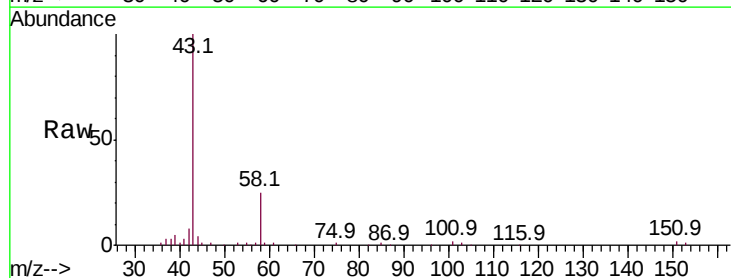
Acq: 22 Sep 2020 13:39

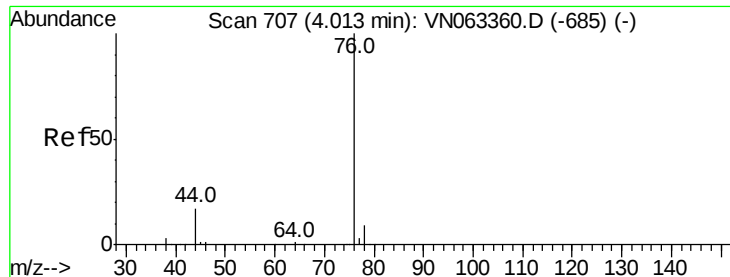
Tgt Ion: 43 Resp: 123752

Ion Ratio Lower Upper

43 100

58 25.3 22.3 33.5

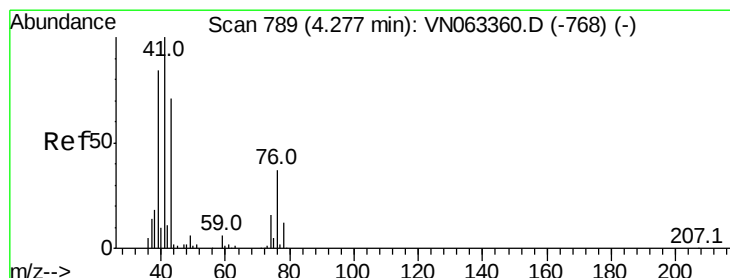
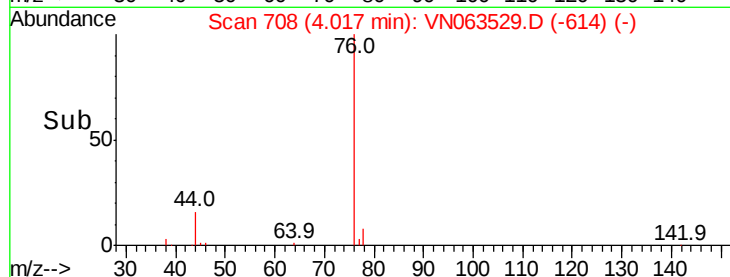
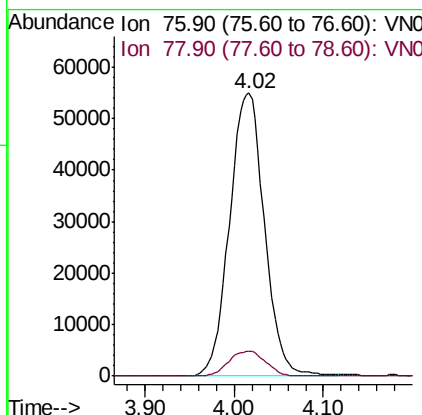
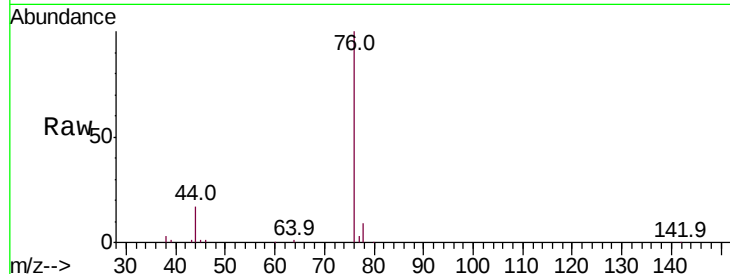




#17
Carbon Disulfide
Concen: 16.291 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

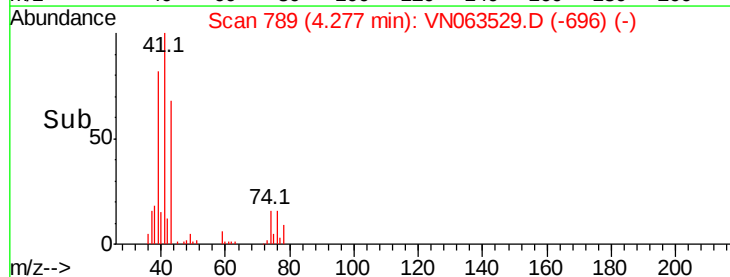
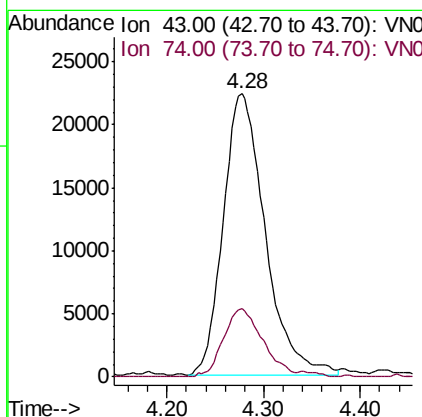
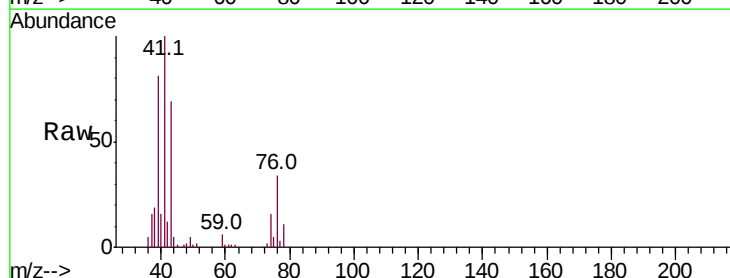
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

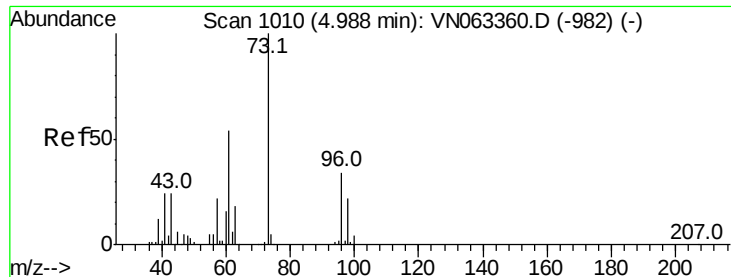
Tot Ion: 76 Resp: 148568
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 17.420 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion: 43 Resp: 67216
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2

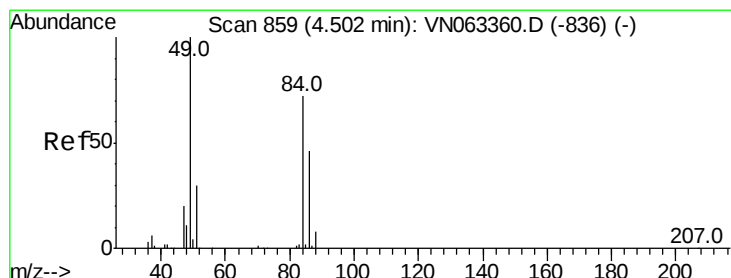
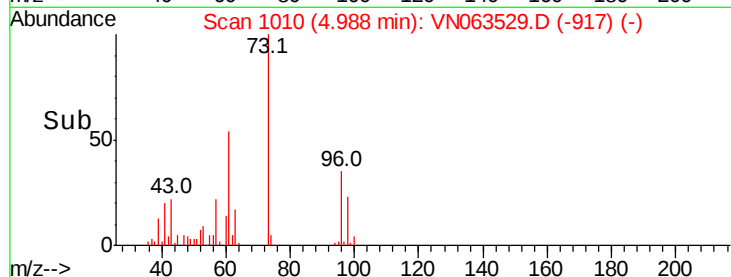
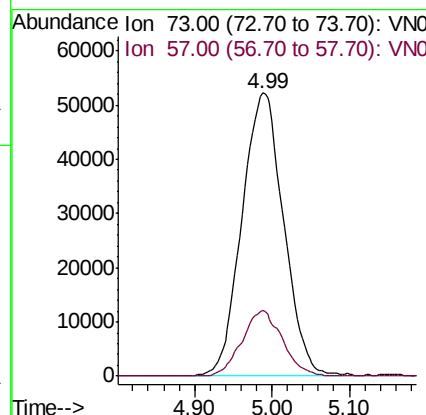
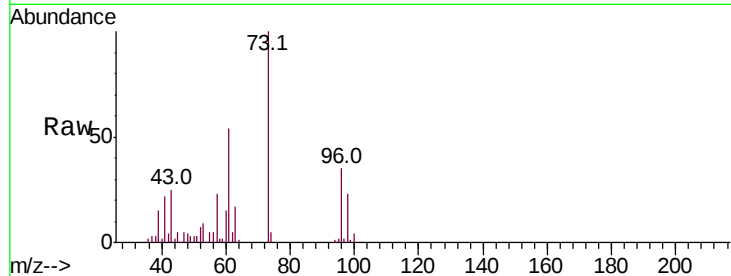




#19
Methyl tert-butyl Ether
Concen: 16.785 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

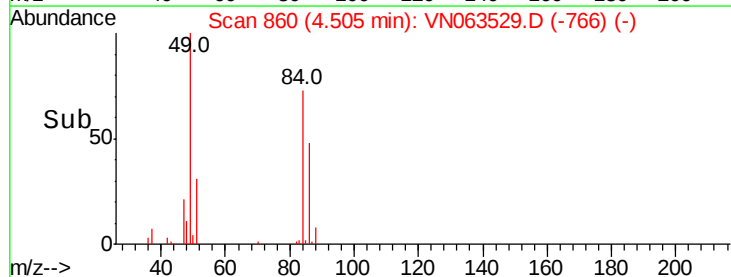
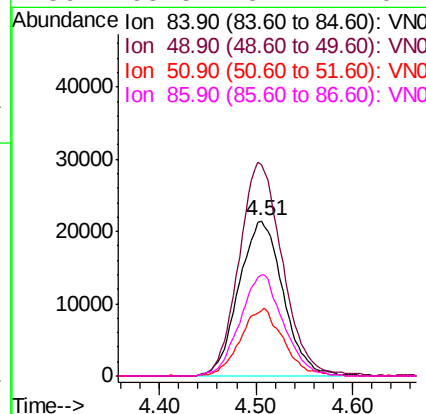
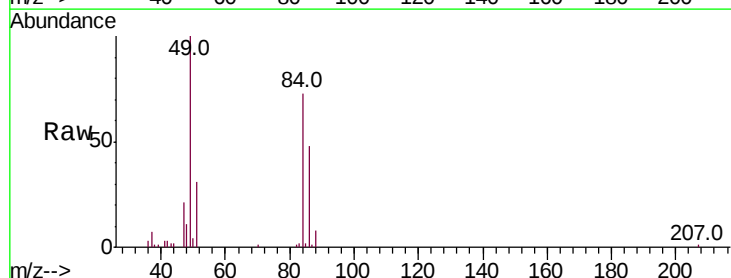
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

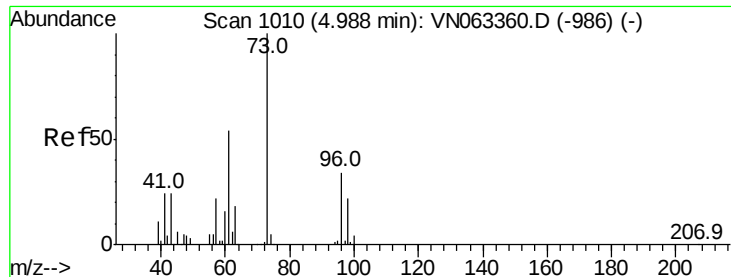
Tot Ion: 73 Resp: 196136
Ion Ratio Lower Upper
73 100
57 23.3 17.9 26.9



#20
Methylene Chloride
Concen: 17.752 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion: 84 Resp: 68361
Ion Ratio Lower Upper
84 100
49 136.3 110.7 166.1
51 42.5 32.9 49.3
86 65.5 51.1 76.7

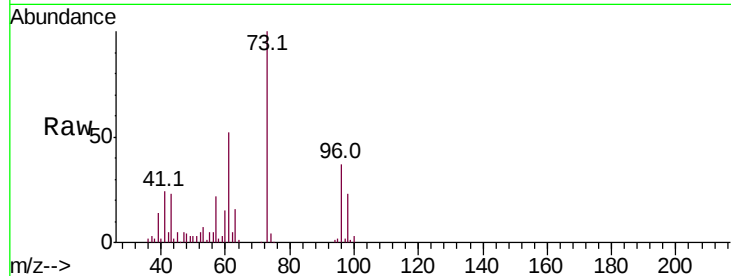




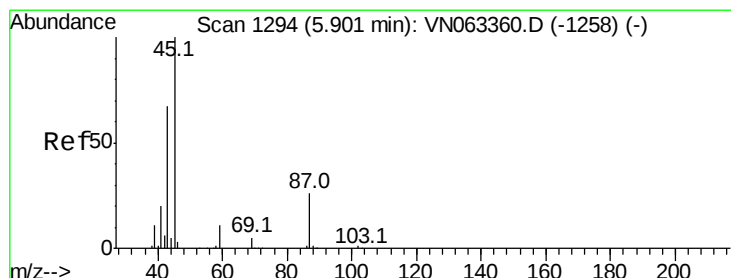
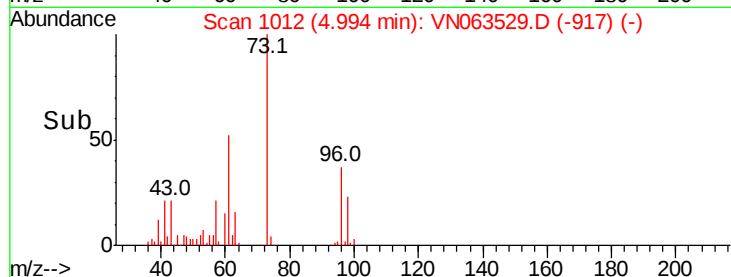
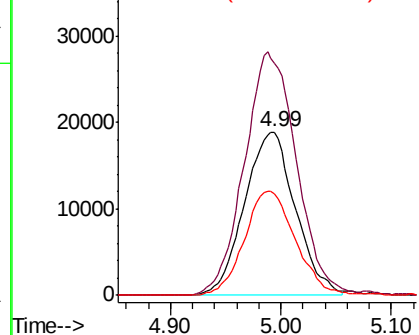
#21
trans-1,2-Dichloroethene
Concen: 17.386 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tot Ion: 96 Resp: 60392
Ion Ratio Lower Upper
96 100
61 142.2 126.2 189.4
98 62.2 51.0 76.4

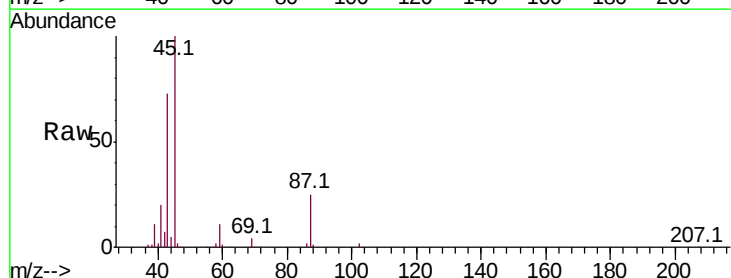


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

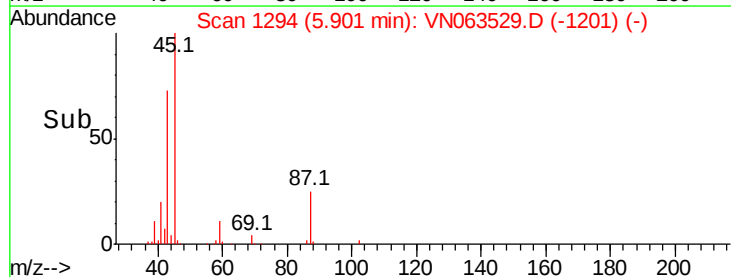
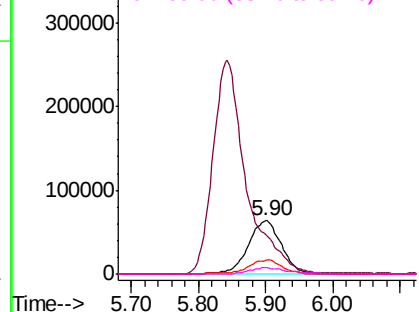


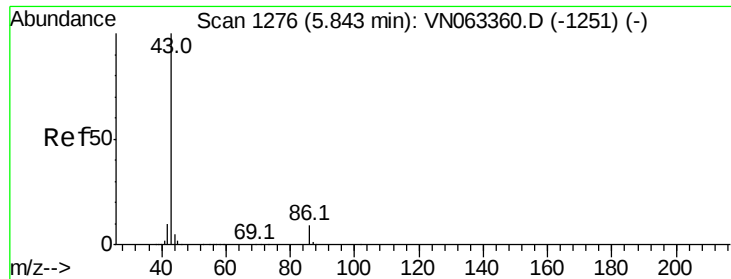
#22
Diisopropyl ether
Concen: 17.318 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion: 45 Resp: 219036
Ion Ratio Lower Upper
45 100
43 70.7 53.5 80.3
87 25.4 21.2 31.8
59 11.0 8.8 13.2



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





#23

Vinyl Acetate

Concen: 84.706 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

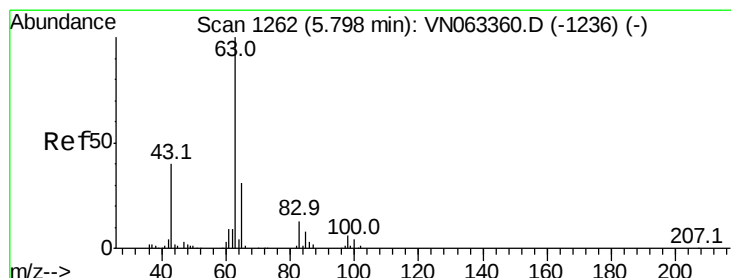
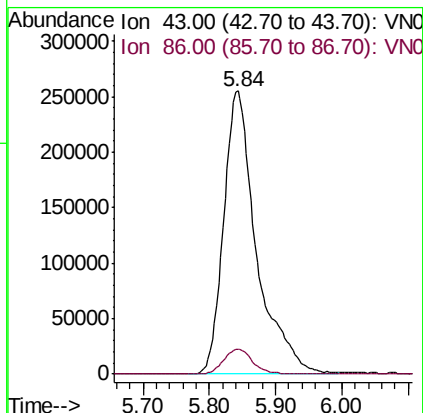
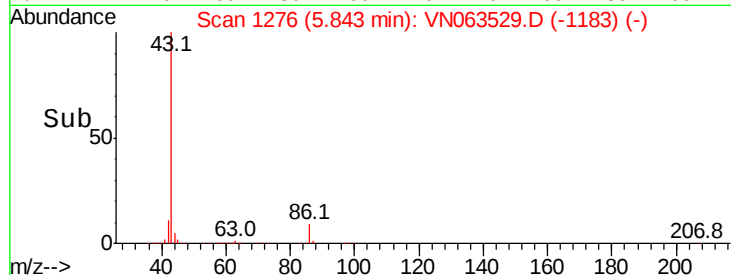
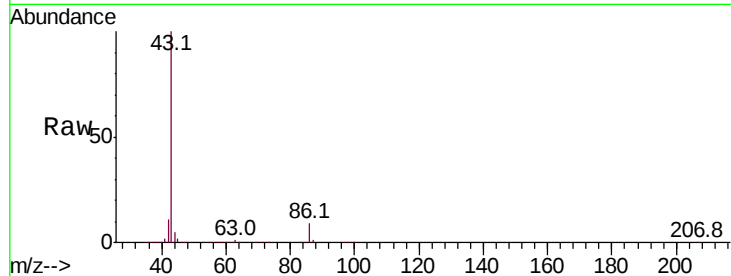
VN0922WBS01

Tot Ion: 43 Resp: 879878

Ion Ratio Lower Upper

43 100

86 8.9 7.1 10.7



#24

1,1-Dichloroethane

Concen: 17.511 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

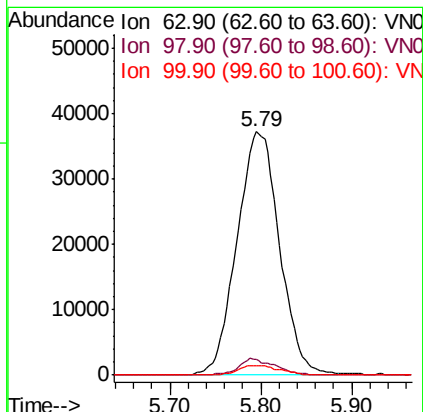
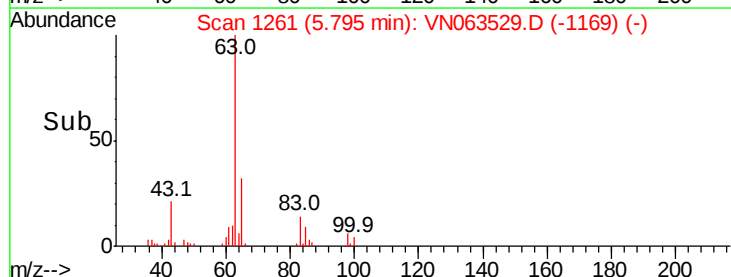
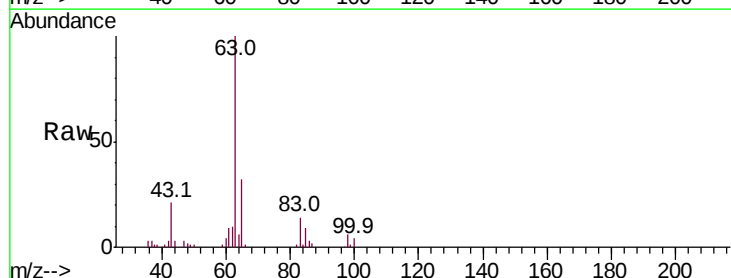
Tgt Ion: 63 Resp: 120920

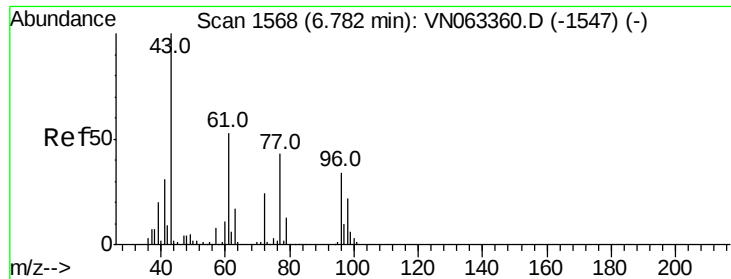
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 81.301 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

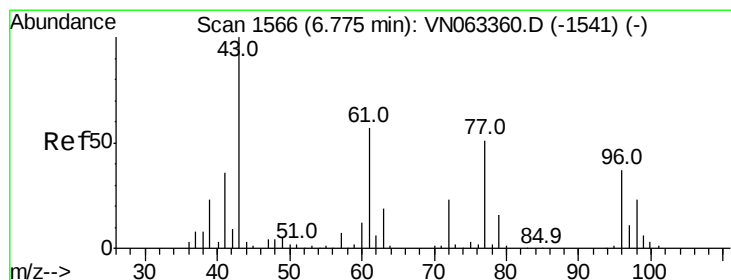
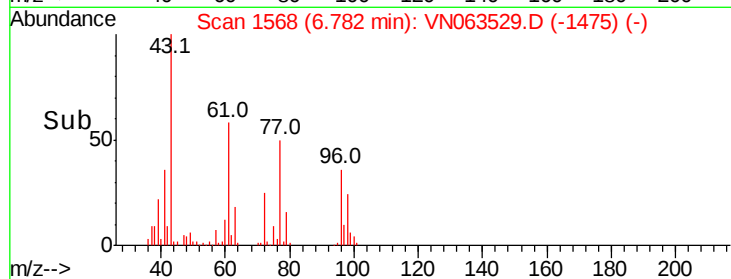
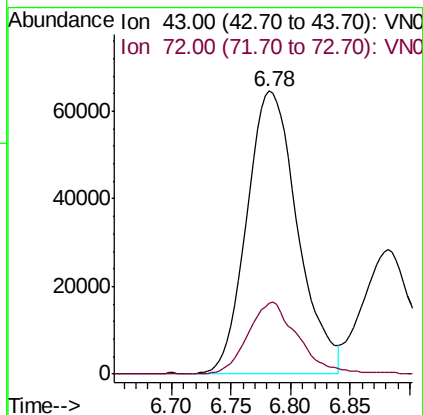
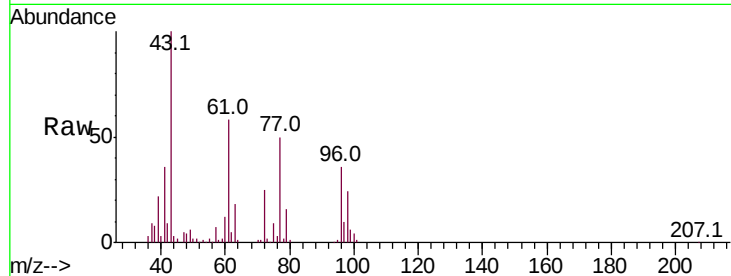
VN0922WBS01

Tot Ion: 43 Resp: 190052

Ion Ratio Lower Upper

43 100

72 25.0 19.2 28.8



#26

2,2-Dichloropropane

Concen: 17.518 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063529.D

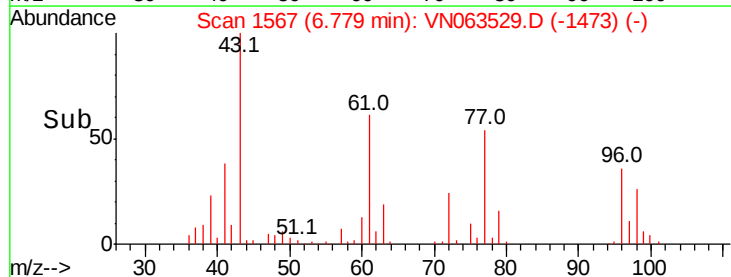
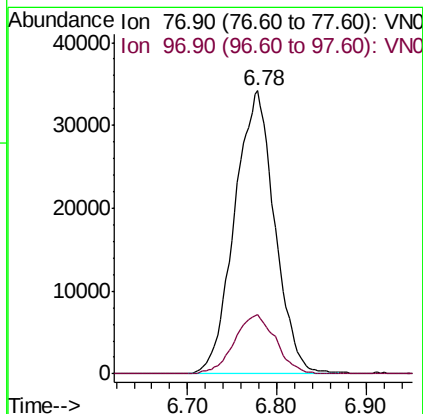
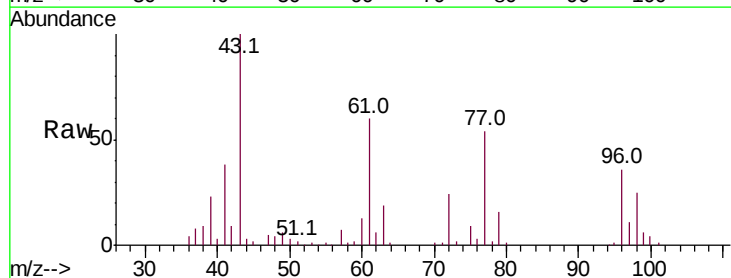
Acq: 22 Sep 2020 13:39

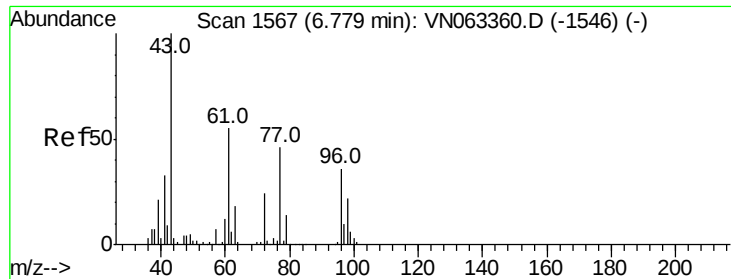
Tgt Ion: 77 Resp: 106504

Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.037 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

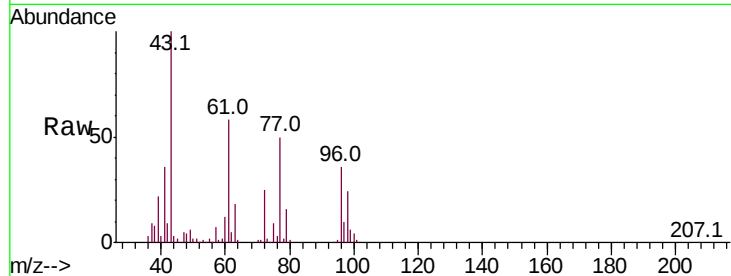
Tot Ion: 96 Resp: 70914

Ion Ratio Lower Upper

96 100

61 159.9 0.0 319.6

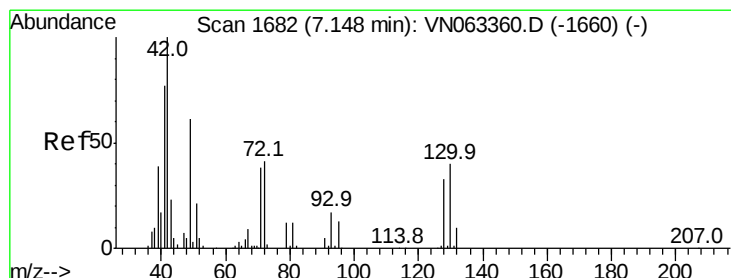
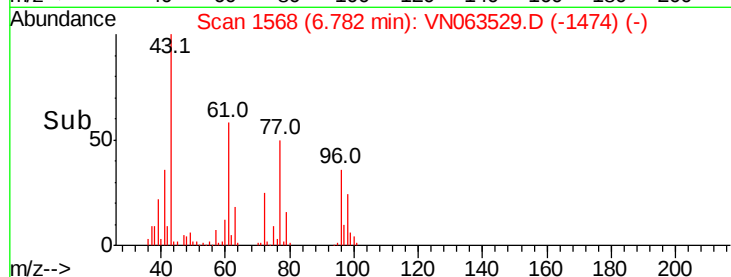
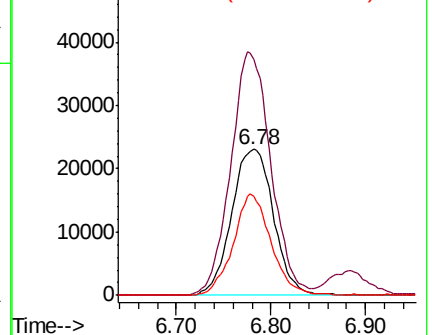
98 62.2 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.380 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

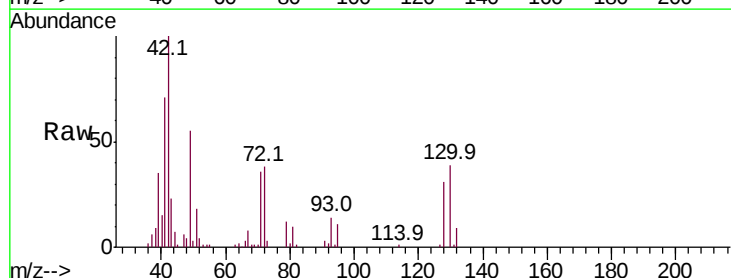
Tgt Ion: 49 Resp: 55413

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

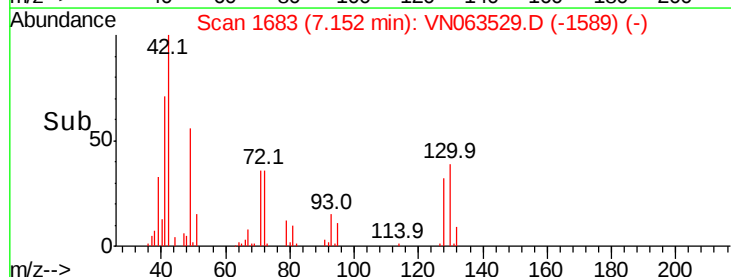
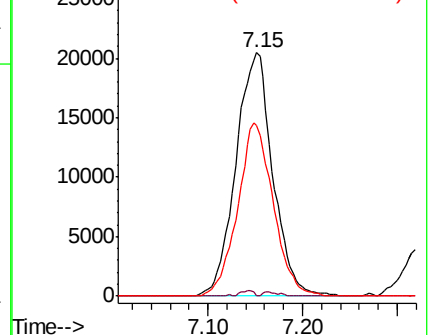
130 68.4 52.2 78.2

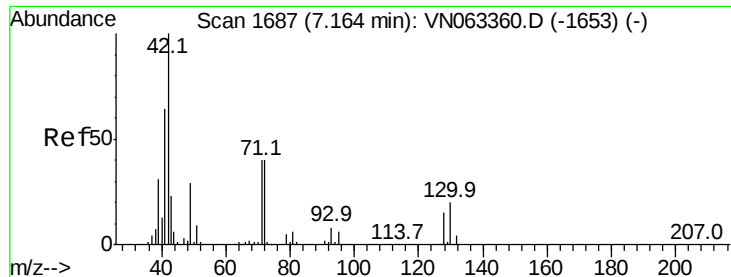


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 79.541 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

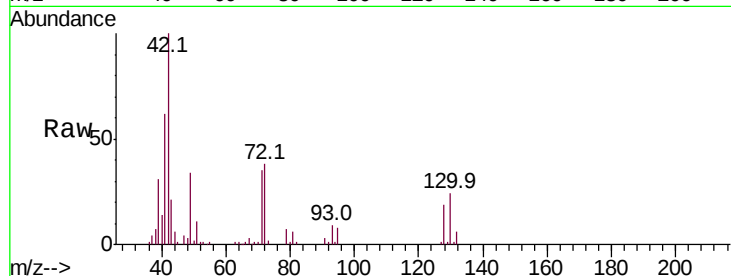
Tot Ion: 42 Resp: 126992

Ion Ratio Lower Upper

42 100

72 40.7 32.1 48.1

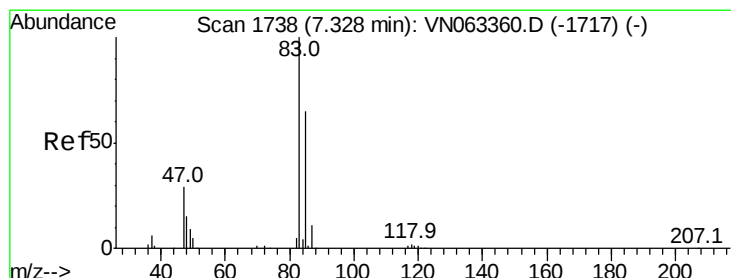
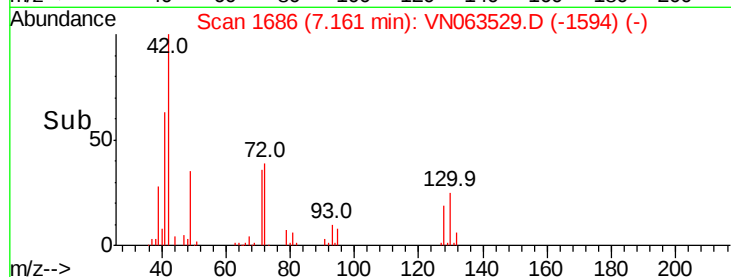
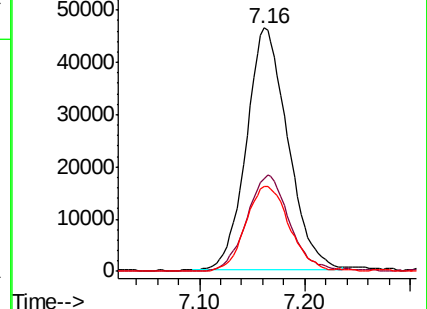
71 36.9 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 17.922 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063529.D

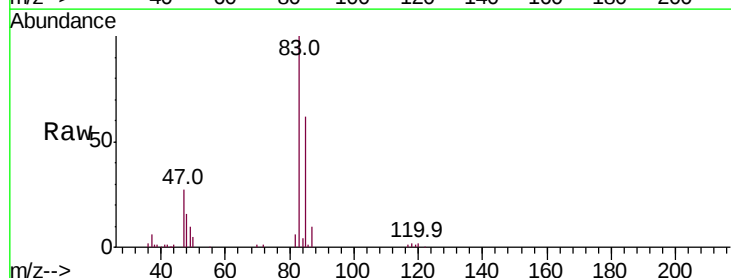
Acq: 22 Sep 2020 13:39

Tgt Ion: 83 Resp: 124162

Ion Ratio Lower Upper

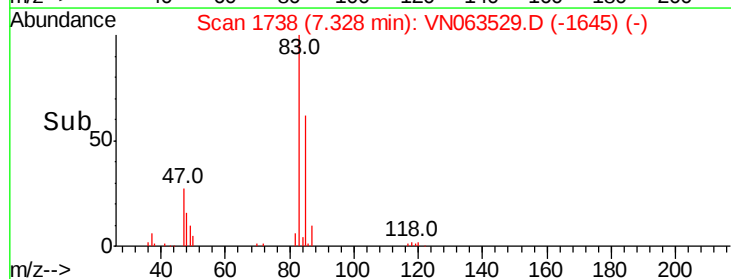
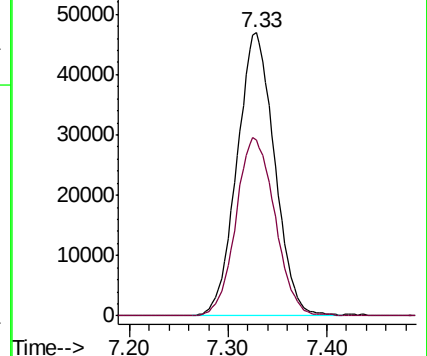
83 100

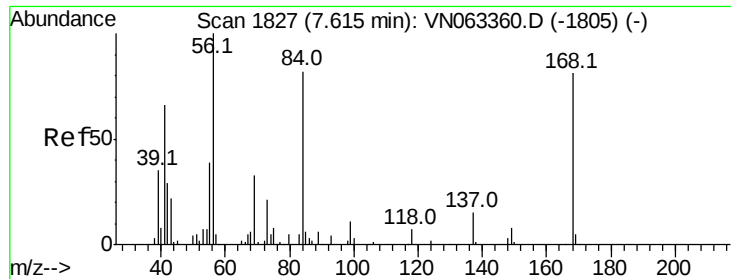
85 61.9 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

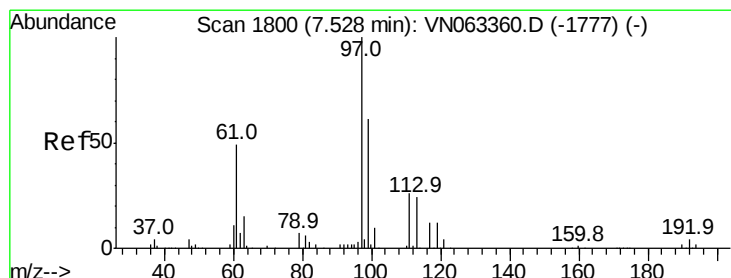
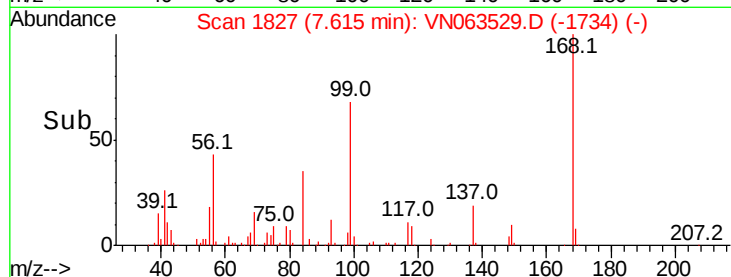
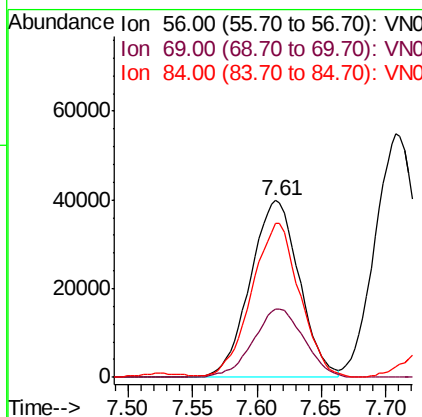
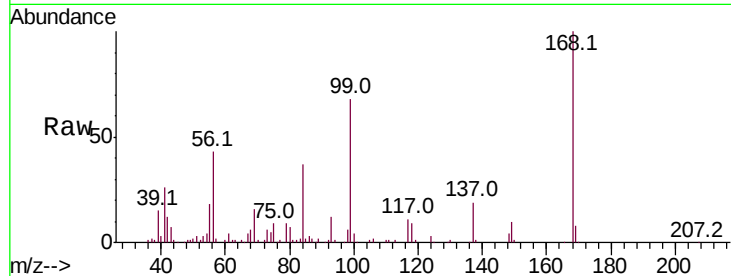




#31
Cyclohexane
Concen: 16.158 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

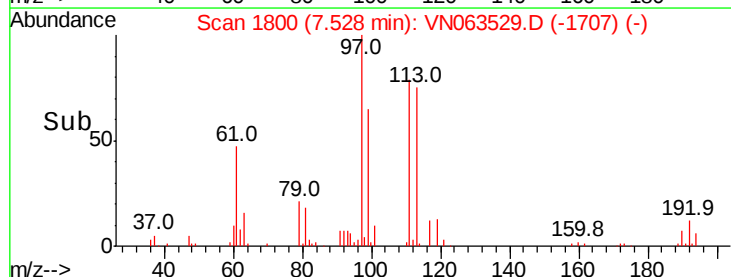
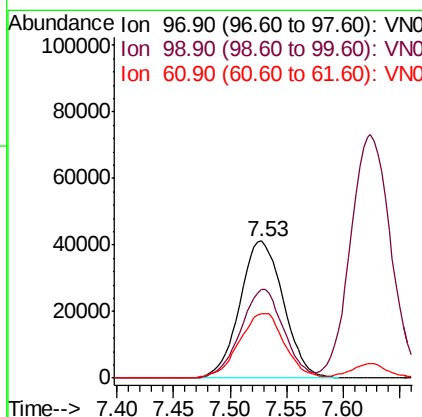
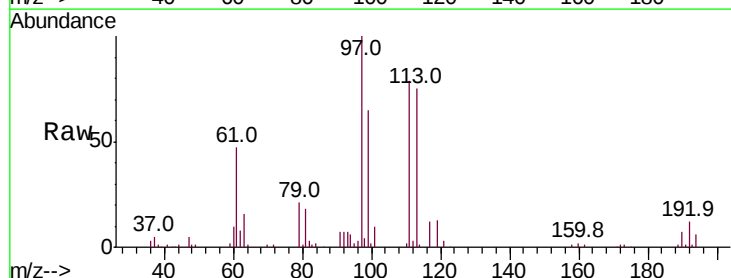
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

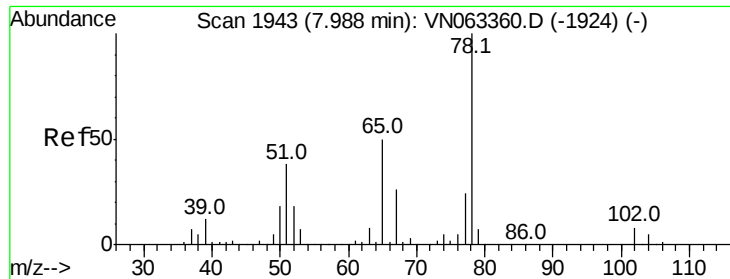
Tot Ion: 56 Resp: 105537
Ion Ratio Lower Upper
56 100
69 38.3 26.1 39.1
84 86.0 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 17.924 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion: 97 Resp: 110447
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 48.9 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 47.907 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

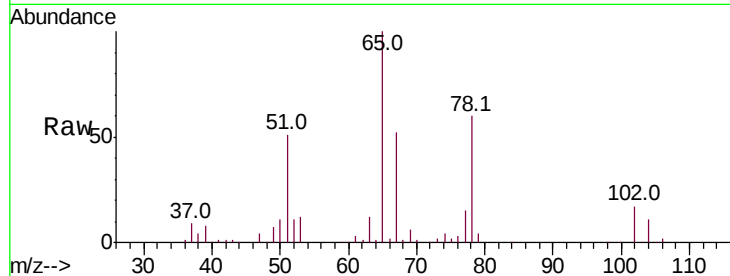
VN0922WBS01

Tot Ion: 65 Resp: 226569

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.98

100000

80000

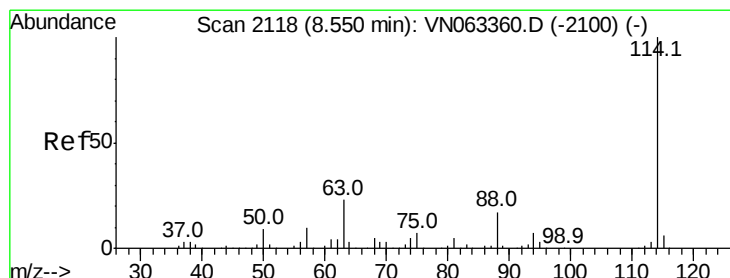
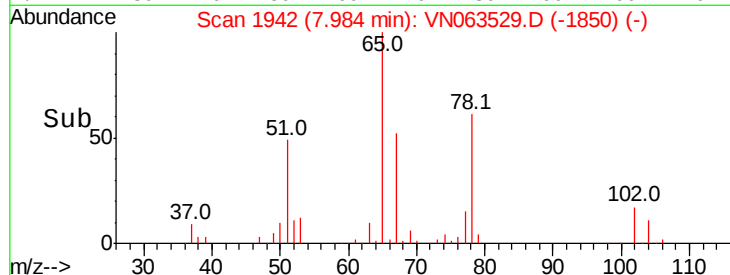
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

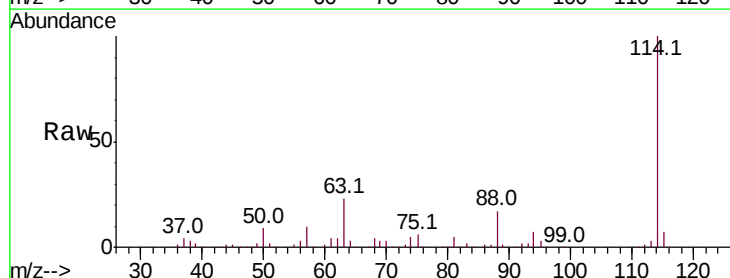
Tgt Ion:114 Resp: 472561

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

300000

250000

200000

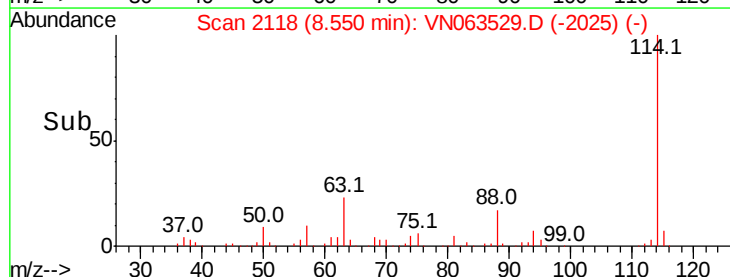
150000

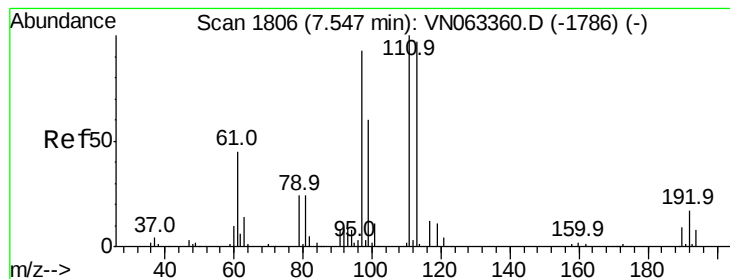
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

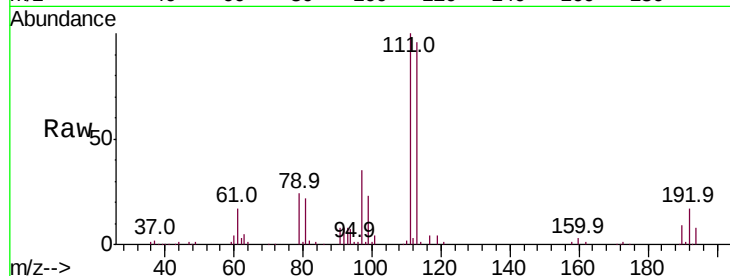
Tot Ion:113 Resp: 164314

Ion Ratio Lower Upper

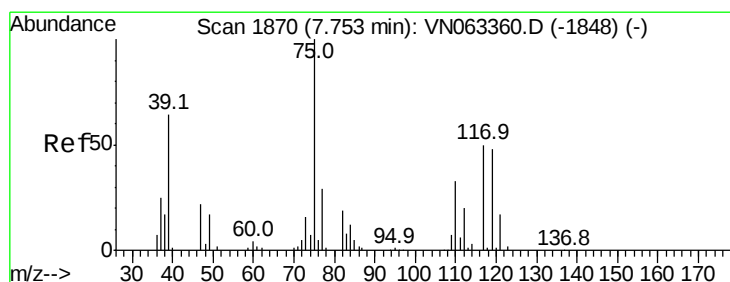
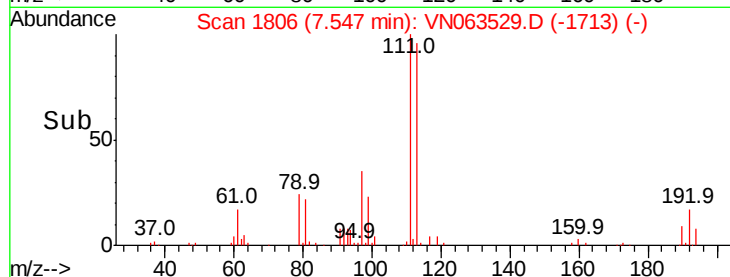
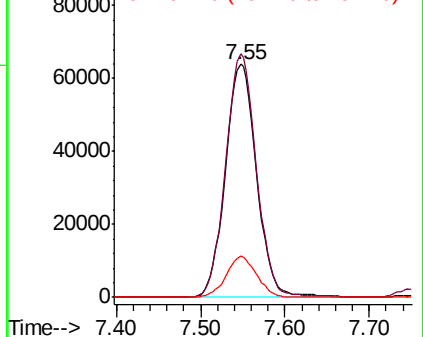
113 100

111 102.3 82.9 124.3

192 17.1 13.9 20.9



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



#36

1,1-Dichloropropene

Concen: 18.101 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

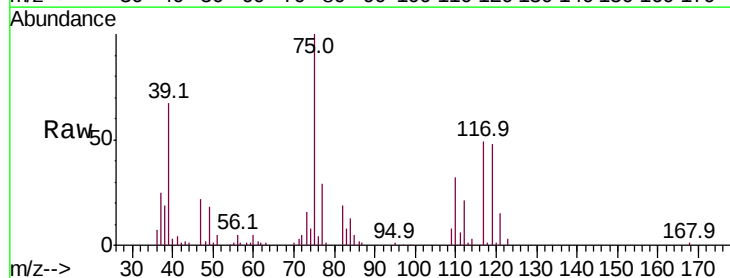
Tgt Ion: 75 Resp: 91131

Ion Ratio Lower Upper

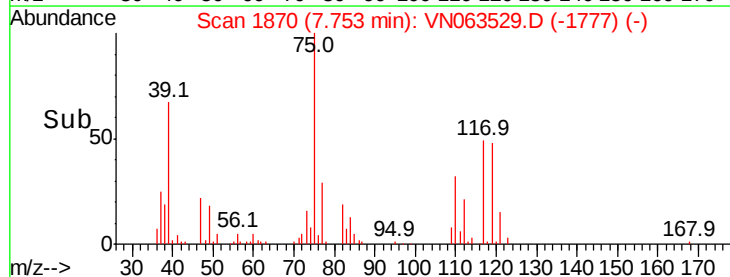
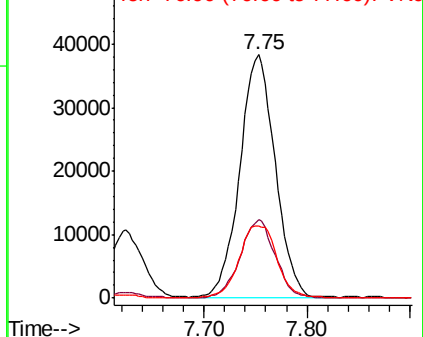
75 100

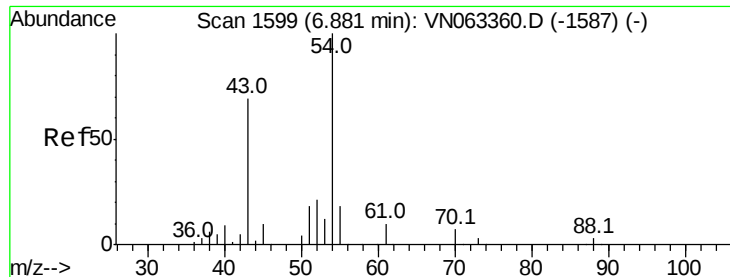
110 31.8 16.5 49.5

77 31.9 24.6 36.8



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: 16.313 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

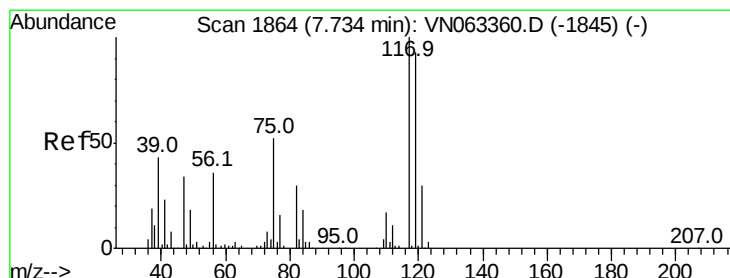
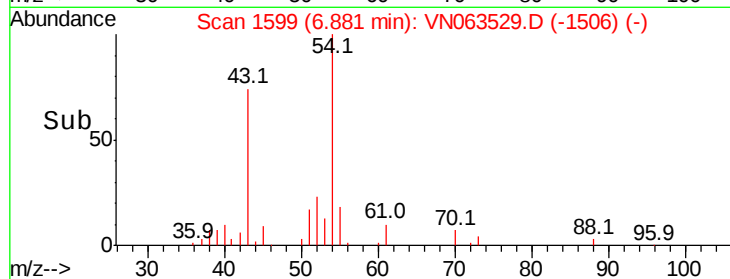
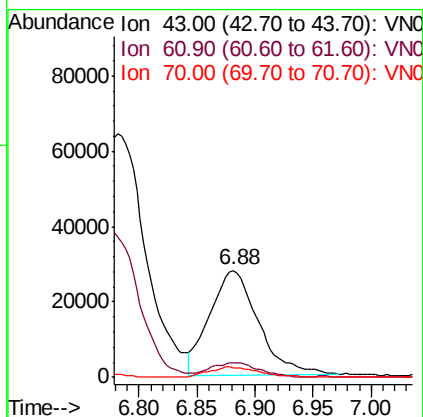
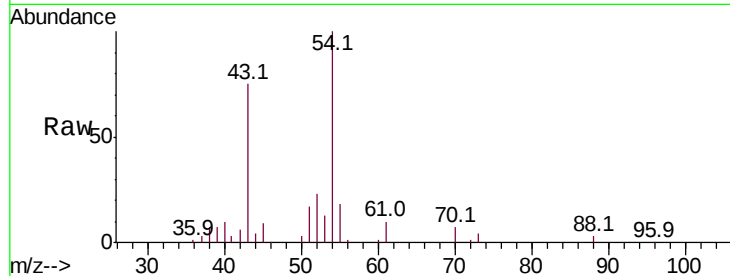
Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tot Ion: 43 Resp: 80603

Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	15.8
70	10.2	7.2	10.8



#38

Carbon Tetrachloride

Concen: 18.097 ug/l

RT: 7.73 min Scan# 1864

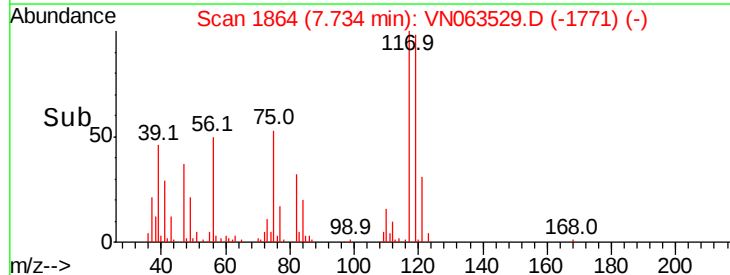
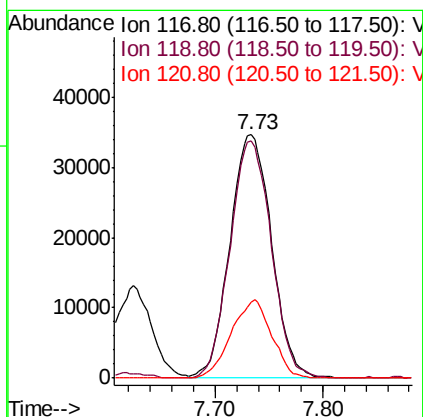
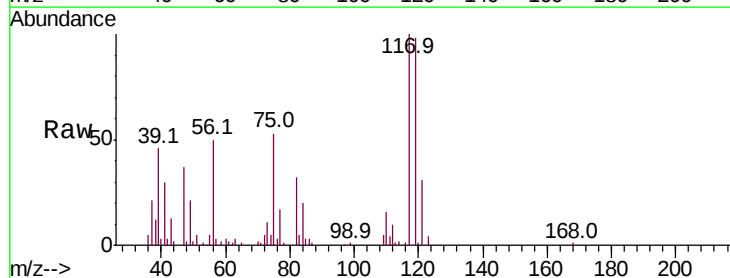
Delta R.T. 0.00 min

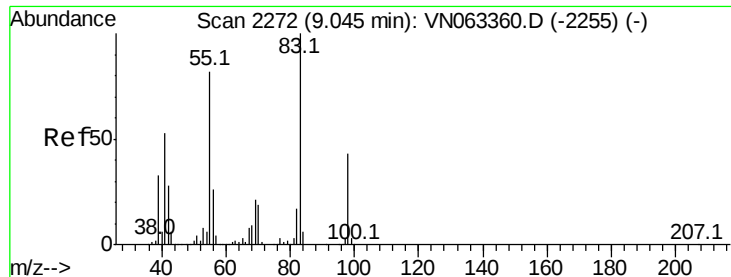
Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Tgt Ion: 117 Resp: 93003

Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.5	111.7
121	31.2	24.1	36.1

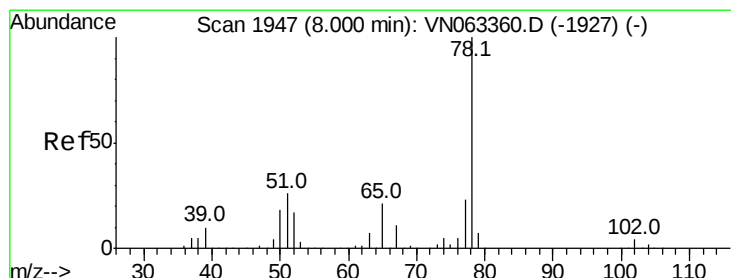
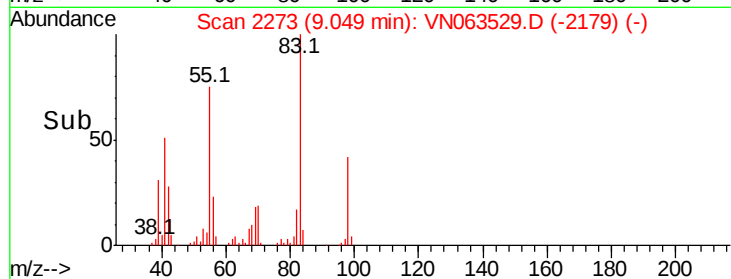
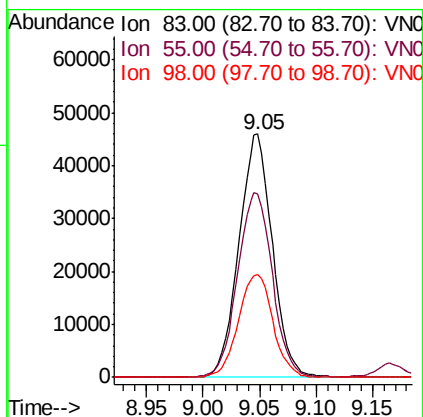
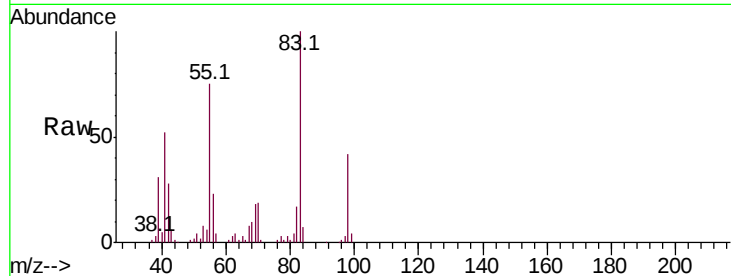




#39
Methvlcvclohexane
Concen: 17.287 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

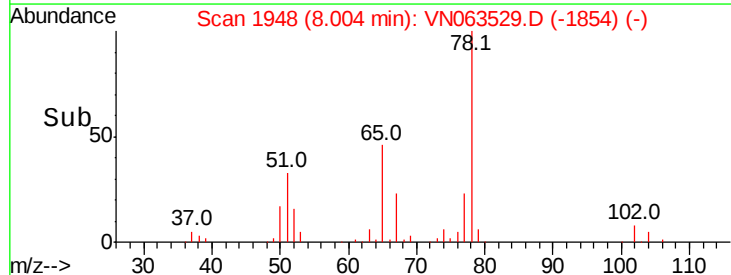
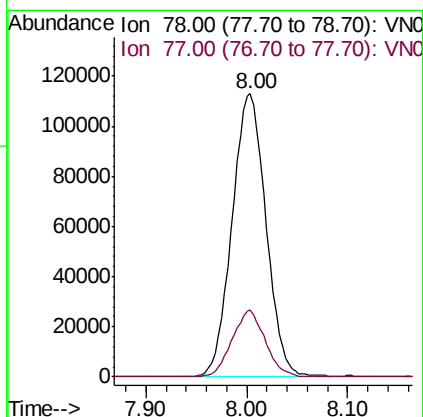
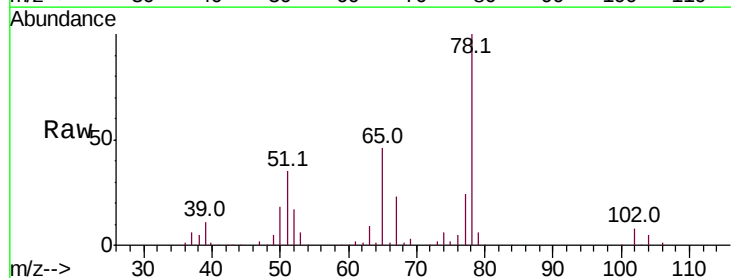
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

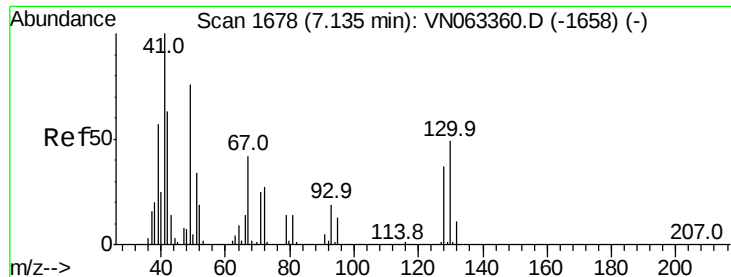
Tot Ion: 83 Resp: 94459
Ion Ratio Lower Upper
83 100
55 75.3 65.5 98.3
98 42.3 34.2 51.4



#40
Benzene
Concen: 18.377 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion: 78 Resp: 264101
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

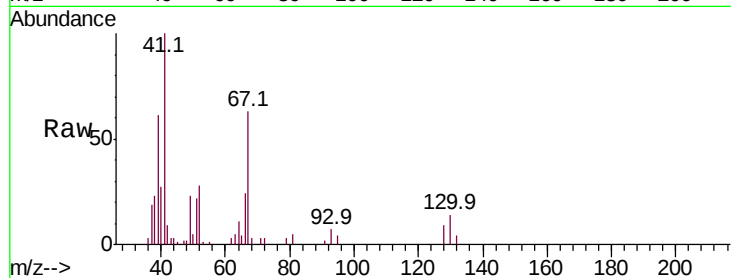




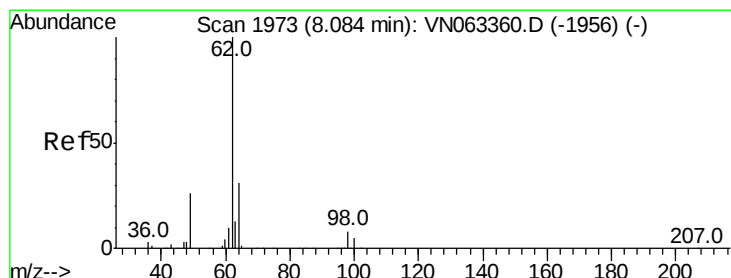
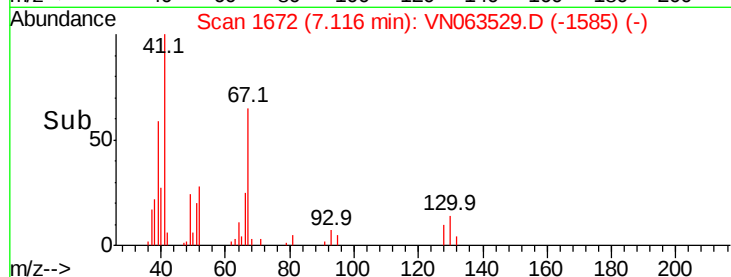
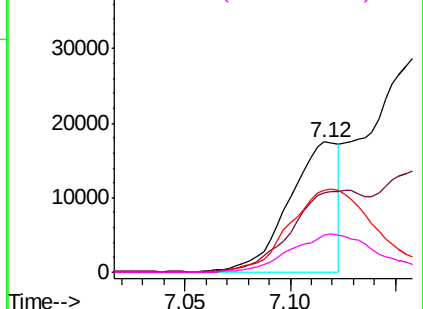
#41
Methacrylonitrile
Concen: 12.909 ug/l
RT: 7.12 min Scan# 1672
Delta R.T. -0.02 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

Tot Ion: 41 Resp: 28687
Ion Ratio Lower Upper
41 100
39 96.0 0.0 0.0#
67 110.3 0.0 0.0#
52 51.3 0.0 0.0#

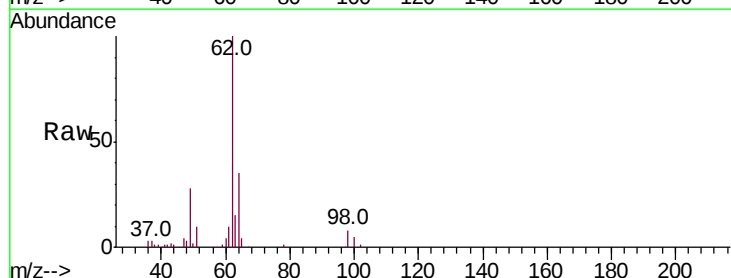


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

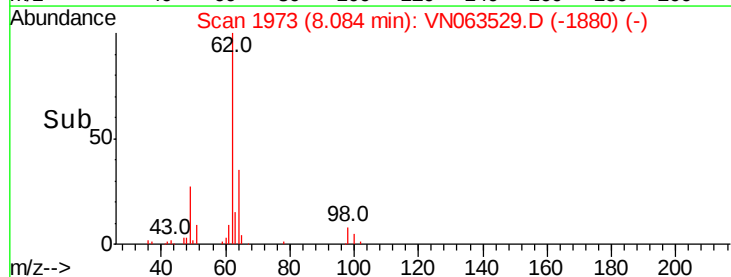
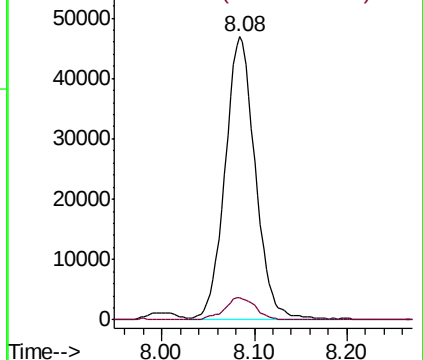


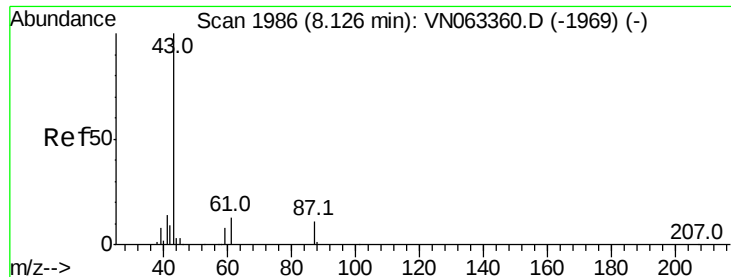
#42
1,2-Dichloroethane
Concen: 18.212 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion: 62 Resp: 105259
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.6



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





#43

Isopropyl Acetate

Concen: 16.390 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

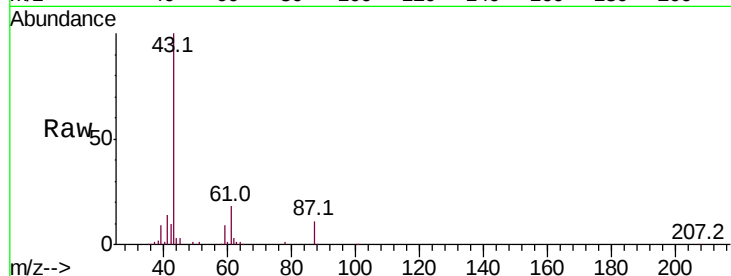
Tot Ion: 43 Resp: 144812

Ion Ratio Lower Upper

43 100

61 24.8 14.2 21.2#

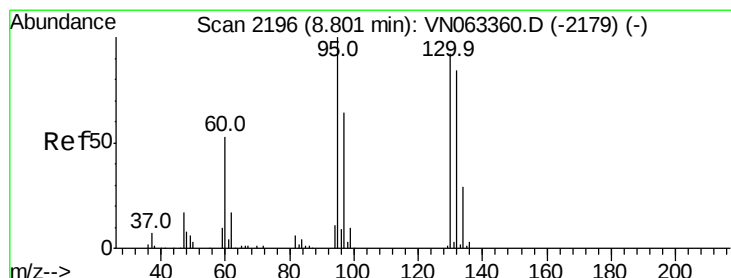
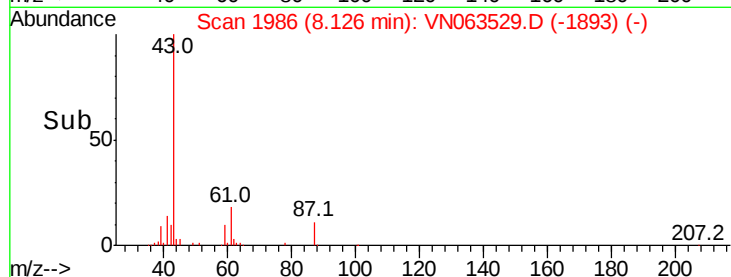
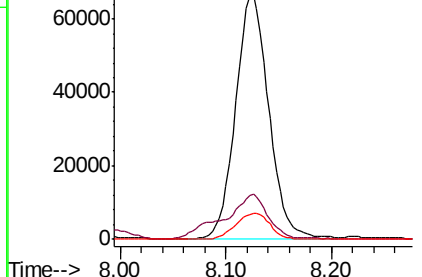
87 11.2 9.0 13.6



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

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

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



#44

Trichloroethene

Concen: 18.695 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063529.D

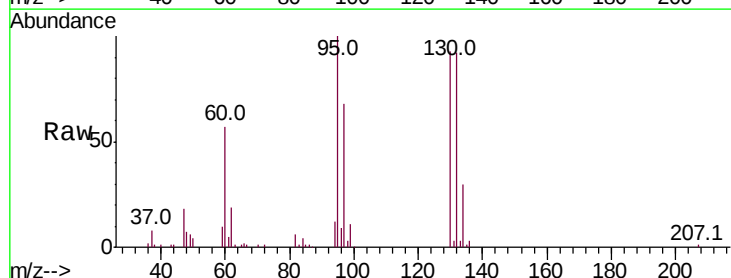
Acq: 22 Sep 2020 13:39

Tgt Ion: 130 Resp: 65167

Ion Ratio Lower Upper

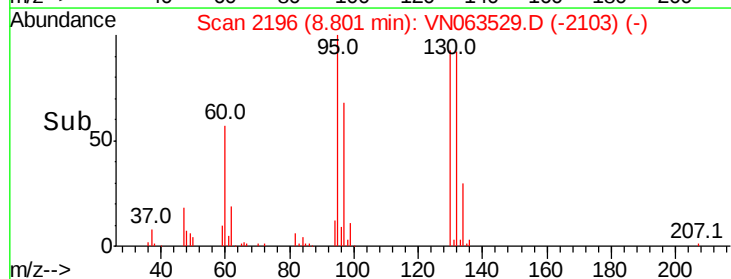
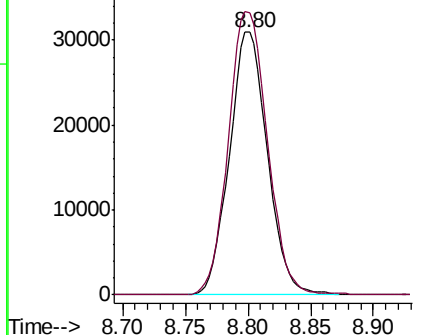
130 100

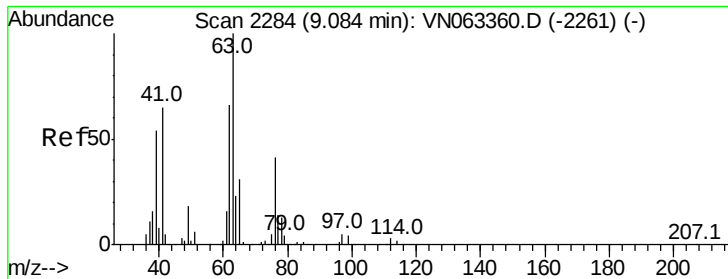
95 107.5 0.0 217.4



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

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





#45

1,2-Dichloropropane

Concen: 17.973 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

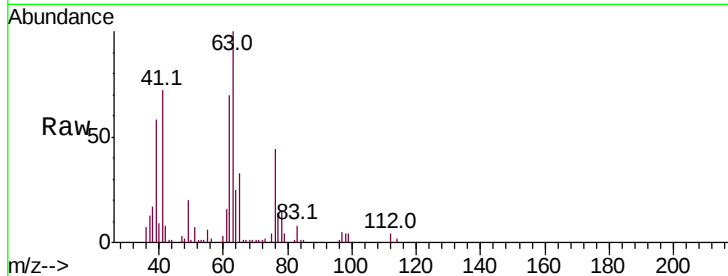
VN0922WBS01

Tot Ion: 63 Resp: 70350

Ion Ratio Lower Upper

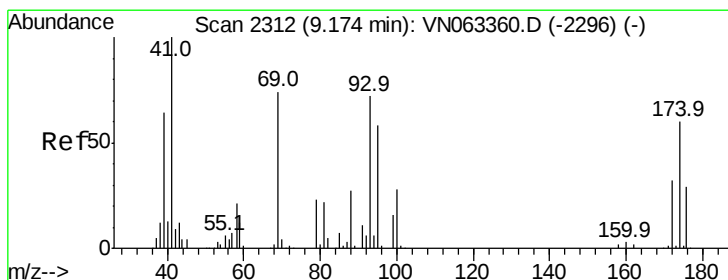
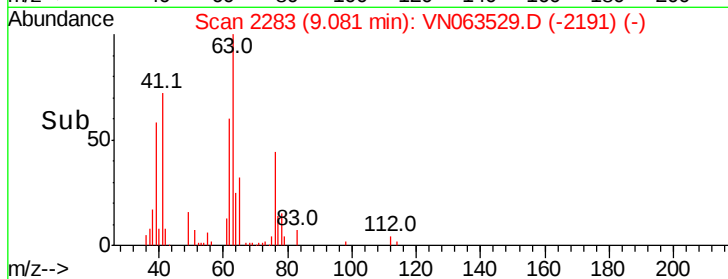
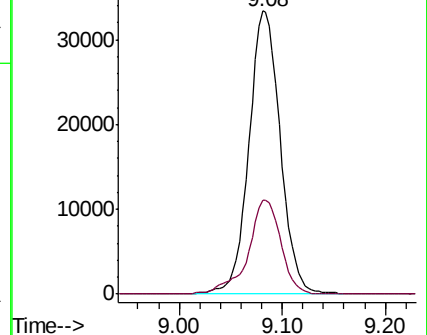
63 100

65 33.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.338 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

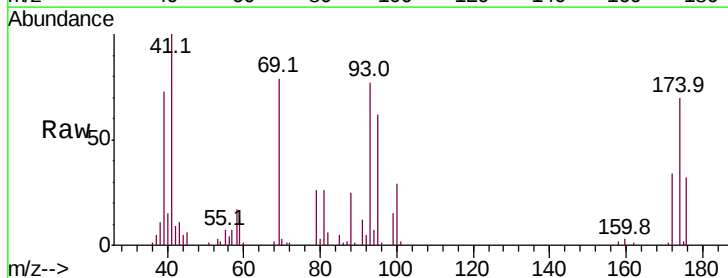
Tgt Ion: 93 Resp: 47177

Ion Ratio Lower Upper

93 100

95 81.9 65.6 98.4

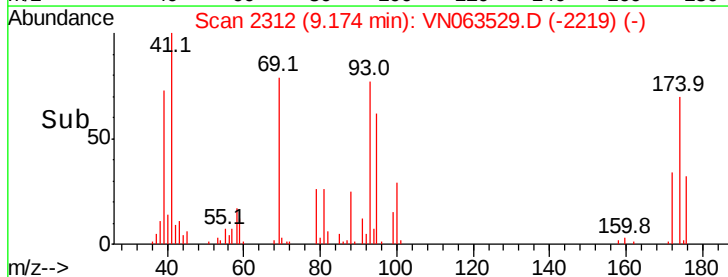
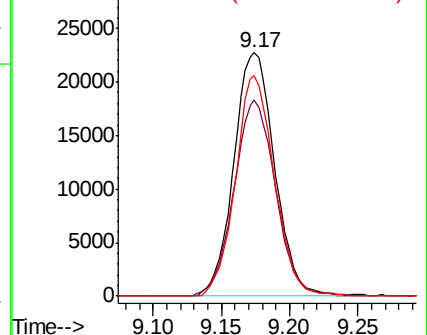
174 86.6 68.1 102.1

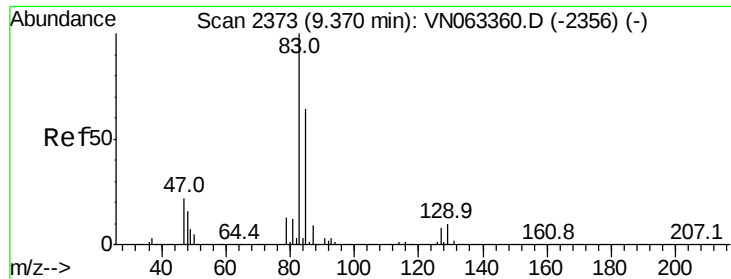


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.413 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

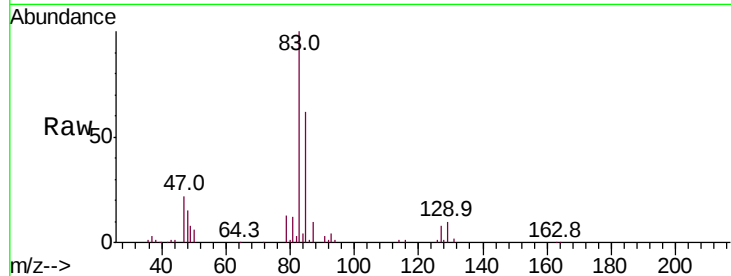
Tot Ion: 83 Resp: 98409

Ion Ratio Lower Upper

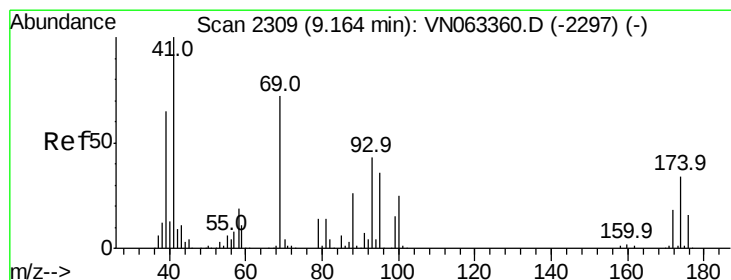
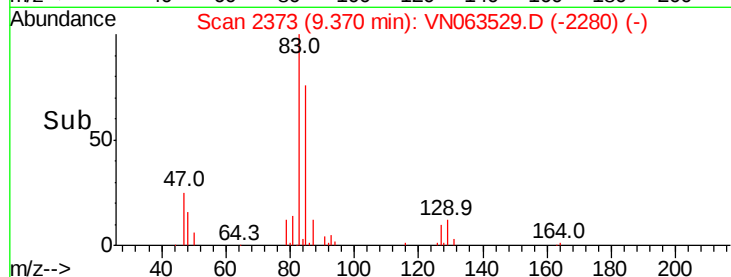
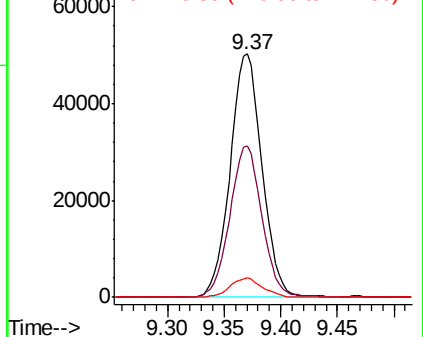
83 100

85 62.3 51.0 76.6

127 8.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 16.026 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

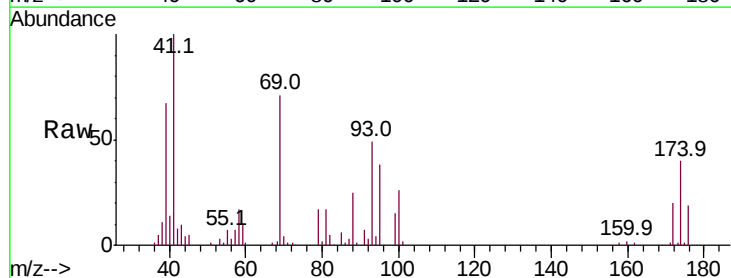
Tgt Ion: 41 Resp: 69564

Ion Ratio Lower Upper

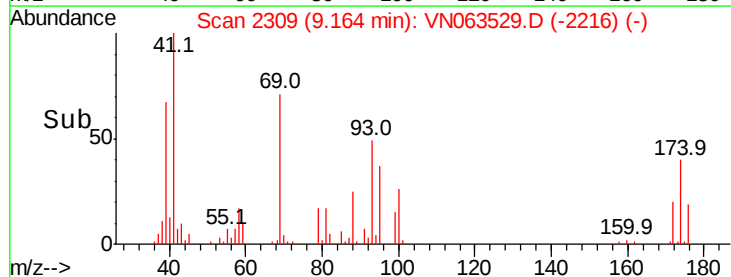
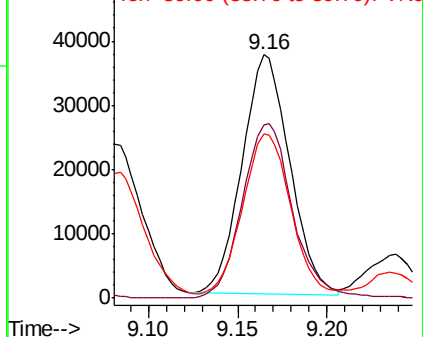
41 100

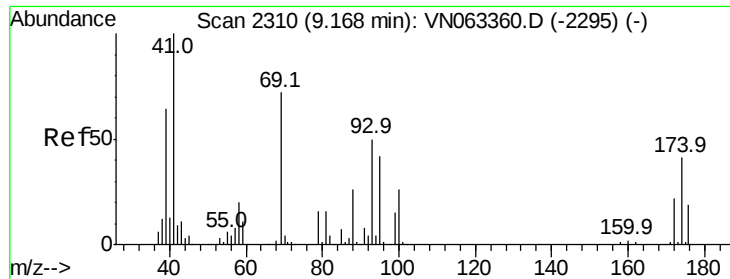
69 77.2 59.3 88.9

39 67.0 52.9 79.3



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





#49

1,4-Dioxane

Concen: 320.244 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

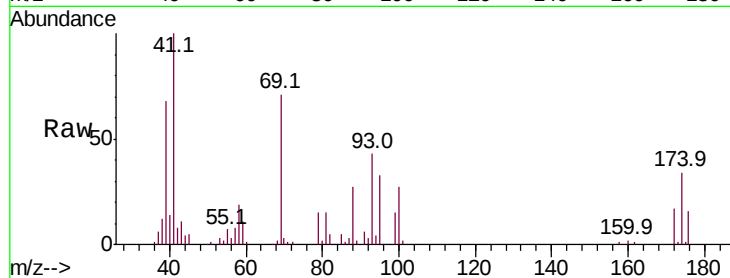
Tot Ion: 88 Resp: 19949

Ion Ratio Lower Upper

88 100

43 37.6 32.6 49.0

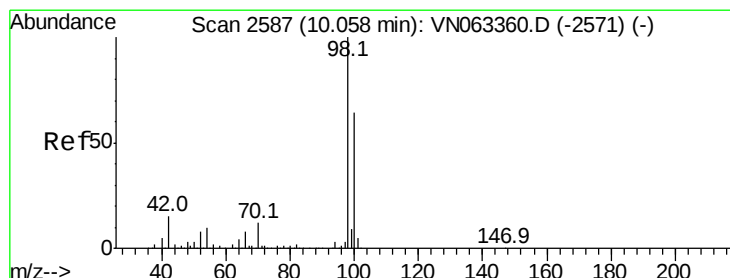
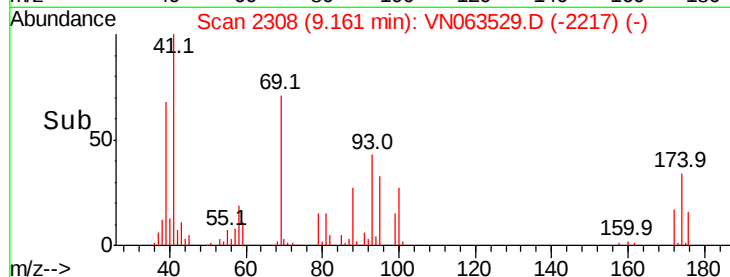
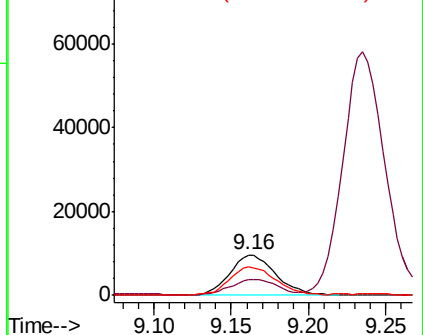
58 71.5 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50

Toluene-d8

Concen: 50.303 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063529.D

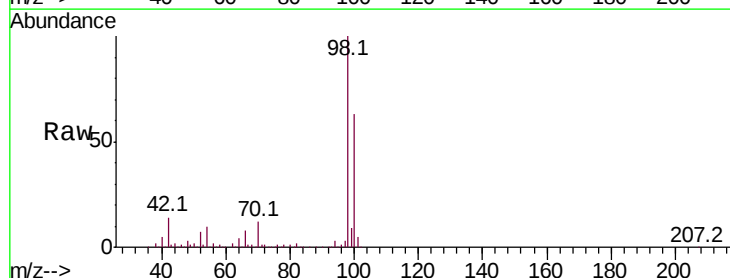
Acq: 22 Sep 2020 13:39

Tgt Ion: 98 Resp: 618786

Ion Ratio Lower Upper

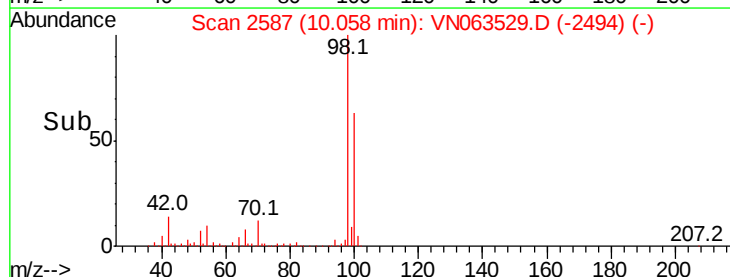
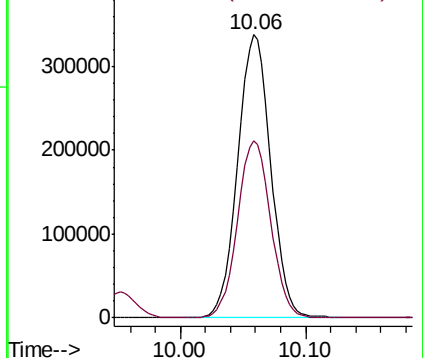
98 100

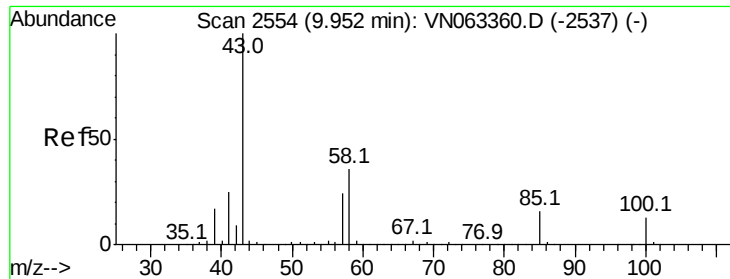
100 62.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 85.475 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

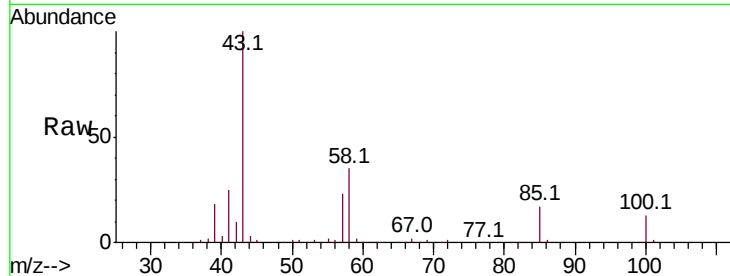
VN0922WBS01

Tot Ion: 43 Resp: 422784

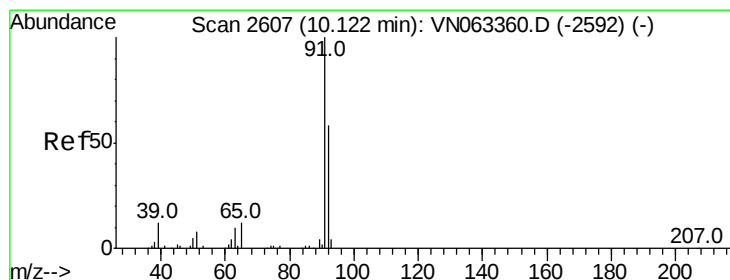
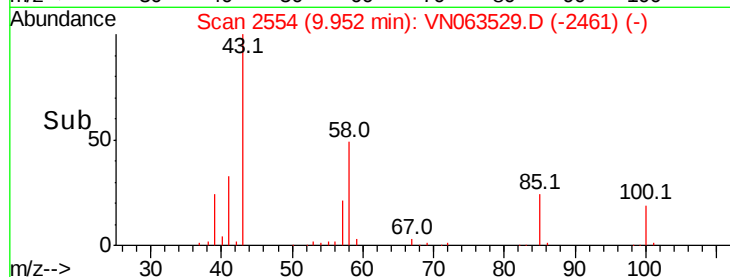
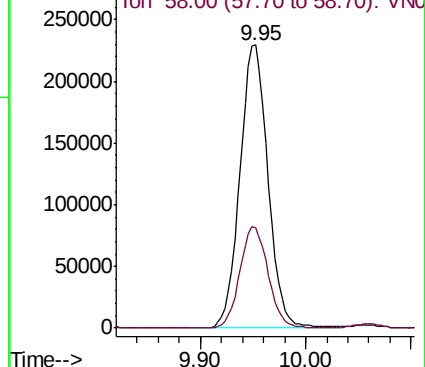
Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0



#52

Toluene

Concen: 18.978 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN063529.D

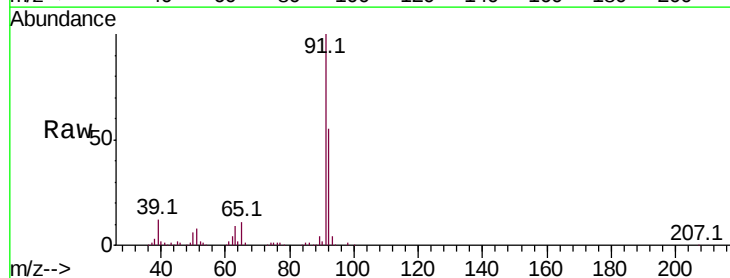
Acq: 22 Sep 2020 13:39

Tgt Ion: 92 Resp: 163981

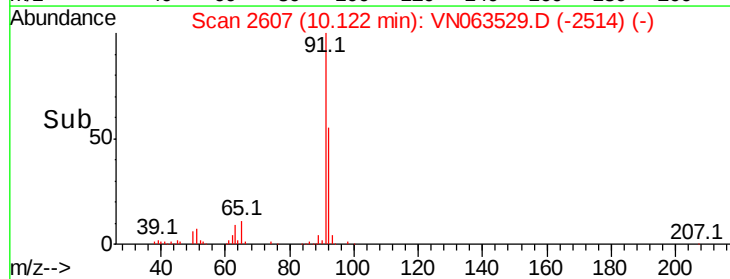
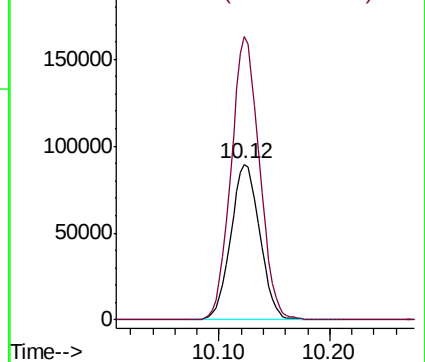
Ion Ratio Lower Upper

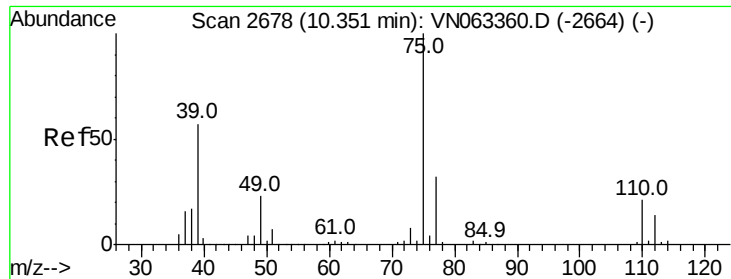
92 100

91 177.6 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

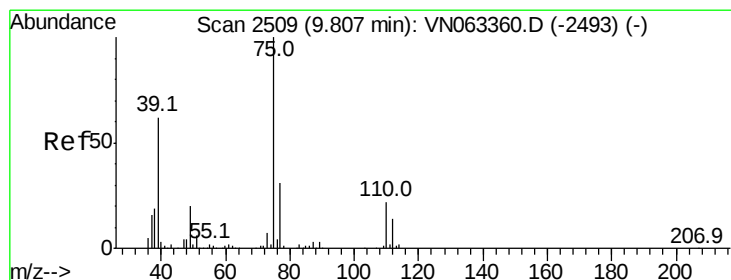
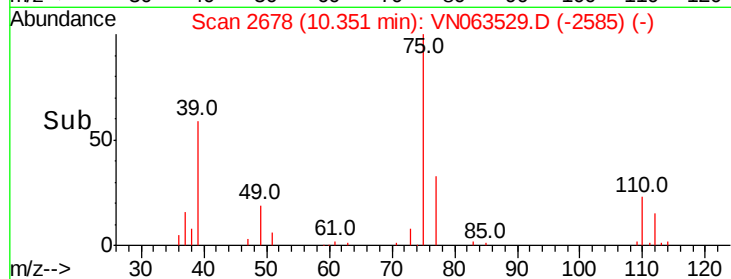
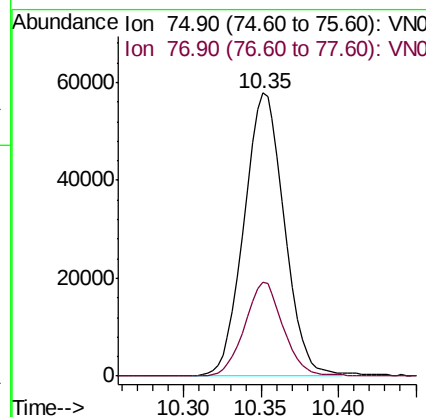
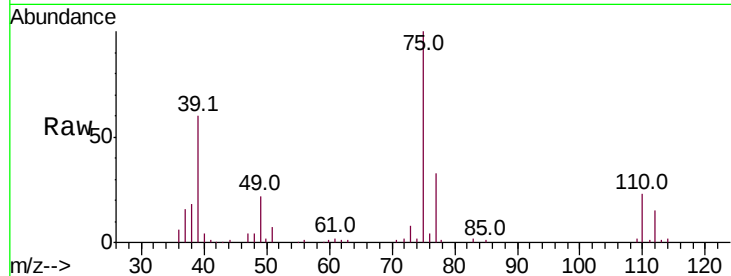




#53
 t-1,3-Dichloropropene
 Concen: 17.590 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

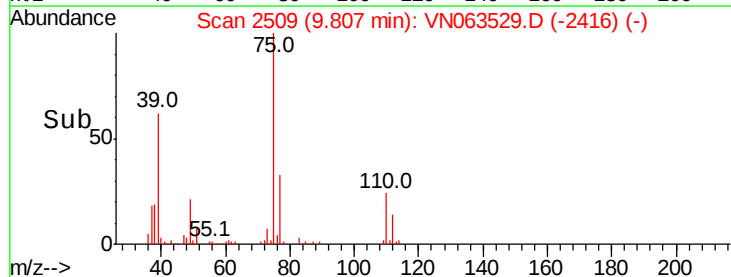
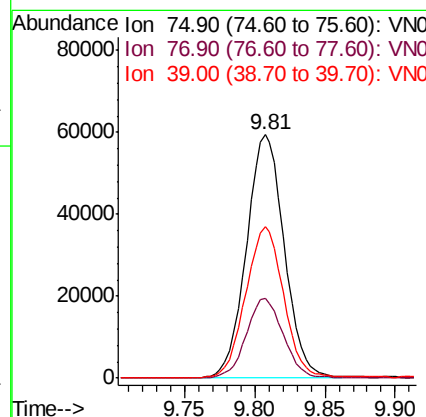
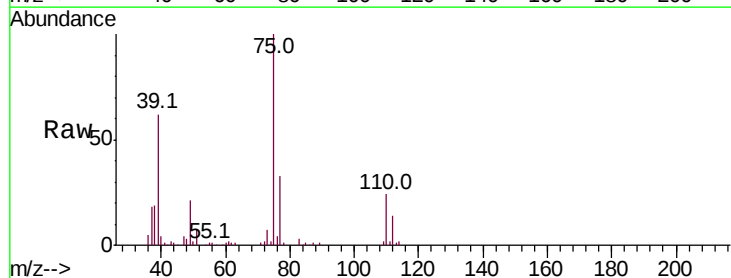
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

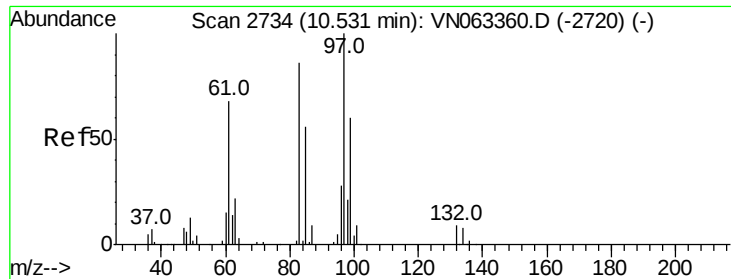
Tot Ion: 75 Resp: 104953
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.747 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Tgt Ion: 75 Resp: 111692
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 37.0
 39 61.9 49.8 74.8

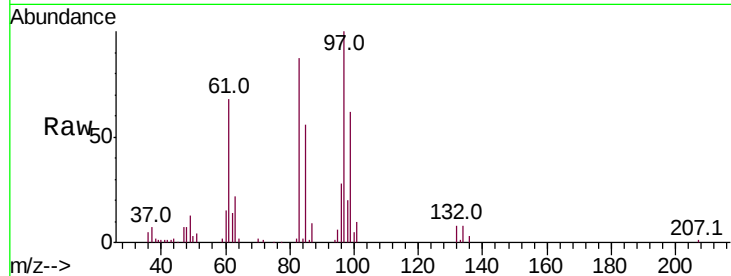




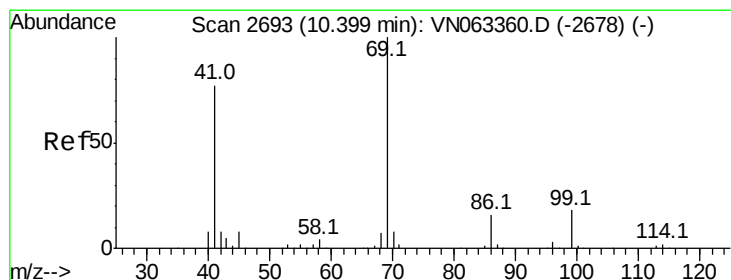
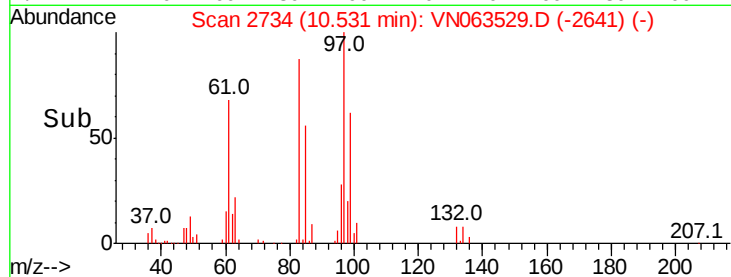
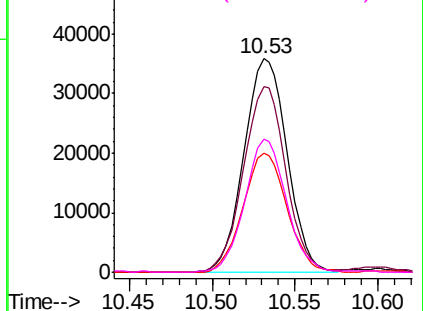
#55
 1,1,2-Trichloroethane
 Concen: 18.958 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Instrument :
 MSVOA_N
 ClientSampled :
 VN0922WBS01

Tot Ion: 97 Resp: 65066
 Ion Ratio Lower Upper
 97 100
 83 87.2 68.9 103.3
 85 55.8 44.8 67.2
 99 62.2 47.8 71.8

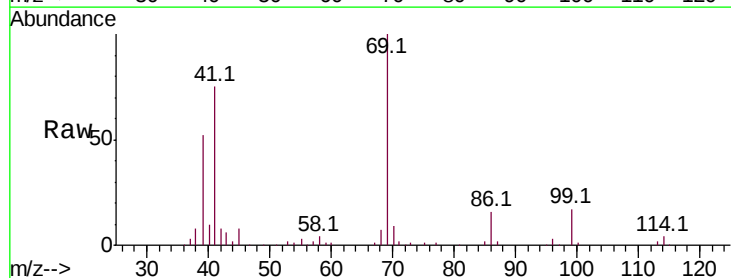


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

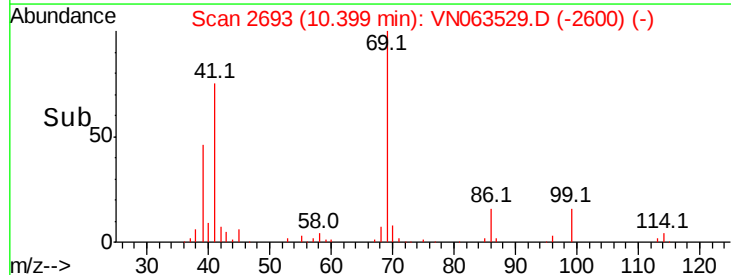
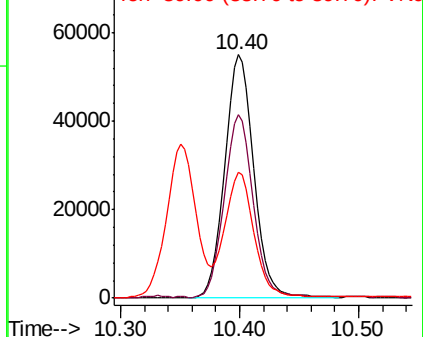


#56
 Ethyl methacrylate
 Concen: 17.384 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Tgt Ion: 69 Resp: 93142
 Ion Ratio Lower Upper
 69 100
 41 74.4 61.0 91.6
 39 50.8 39.2 58.8



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





#57

1,3-Dichloropropane

Concen: 17.957 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

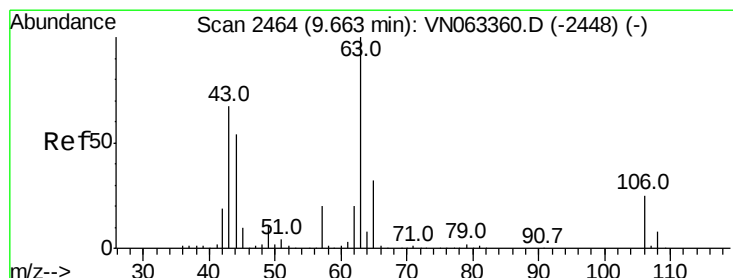
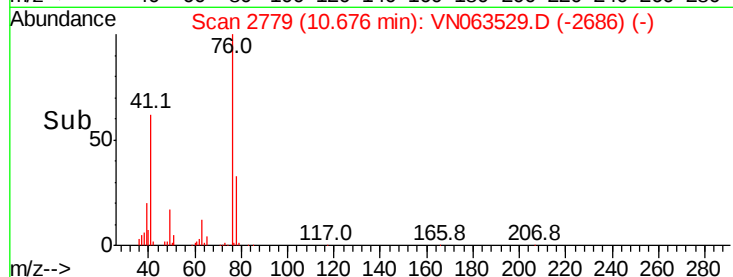
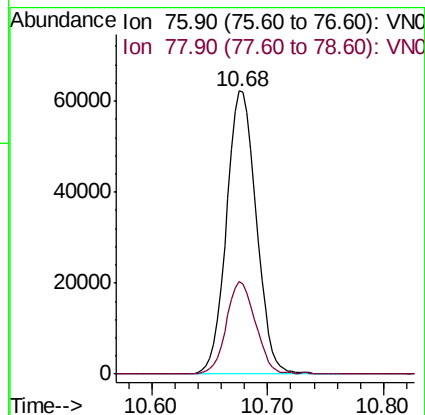
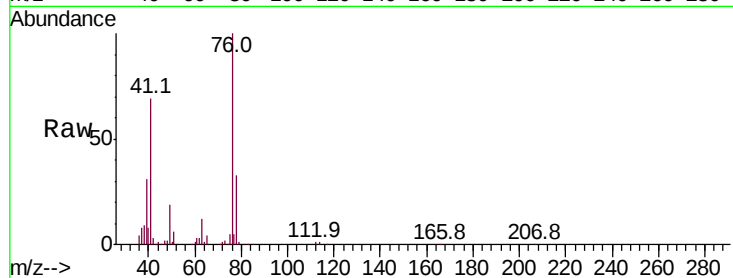
VN0922WBS01

Tot Ion: 76 Resp: 111139

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 80.979 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063529.D

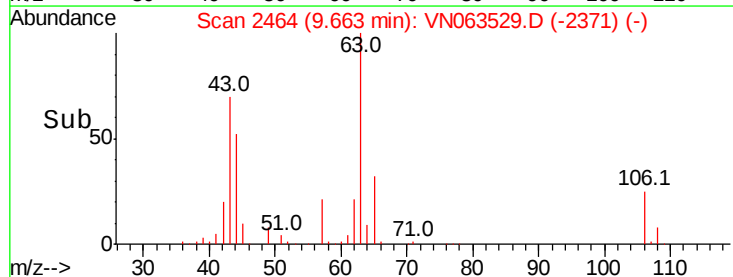
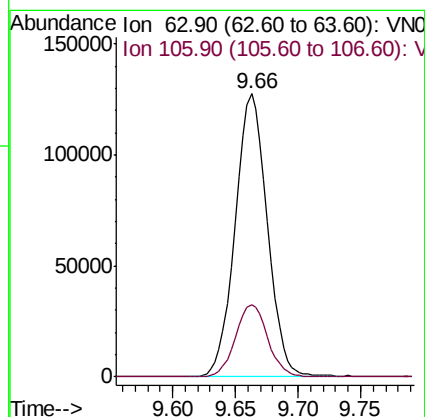
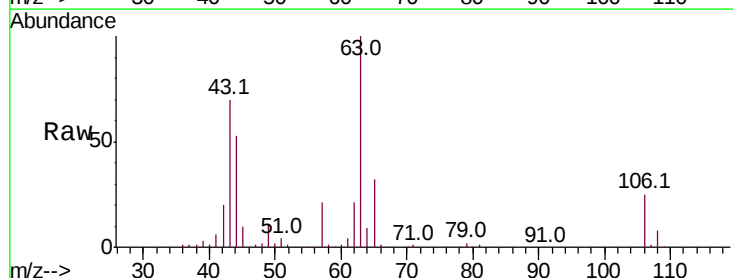
Acq: 22 Sep 2020 13:39

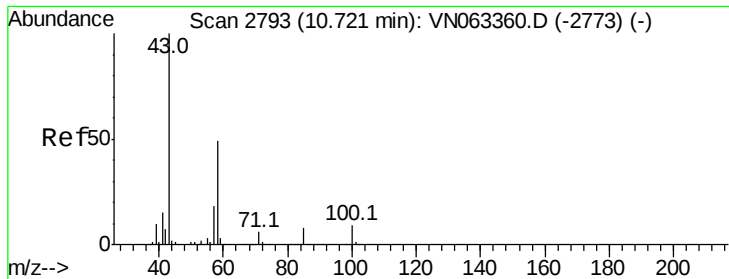
Tgt Ion: 63 Resp: 227604

Ion Ratio Lower Upper

63 100

106 25.6 19.5 29.3

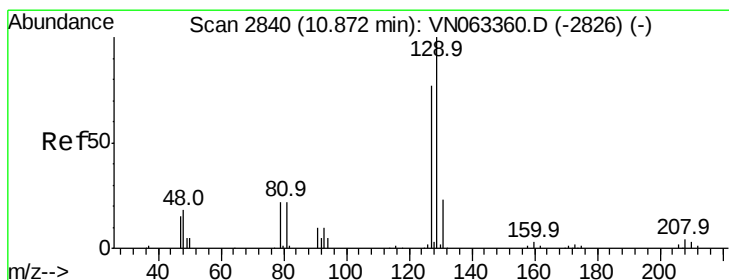
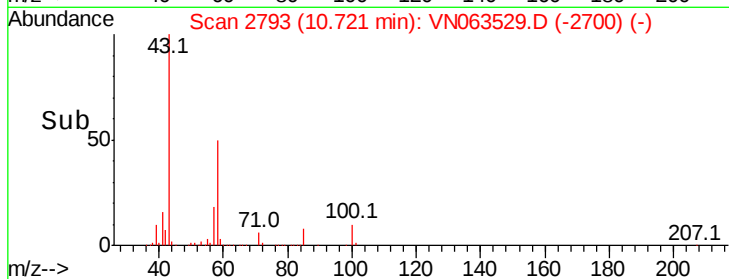
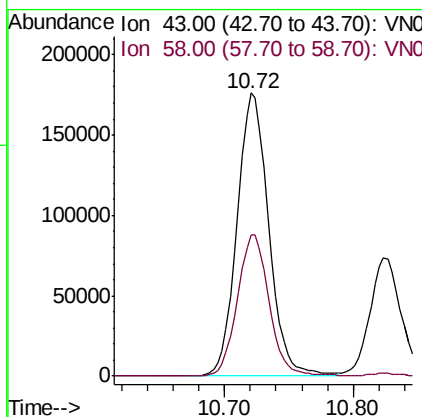
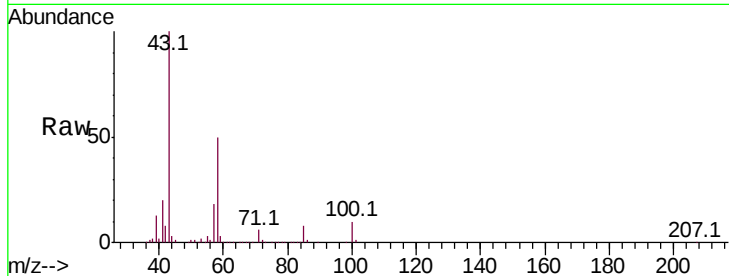




#59
2-Hexanone
Concen: 83.683 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

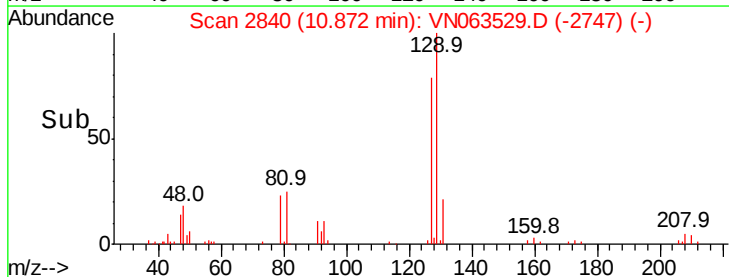
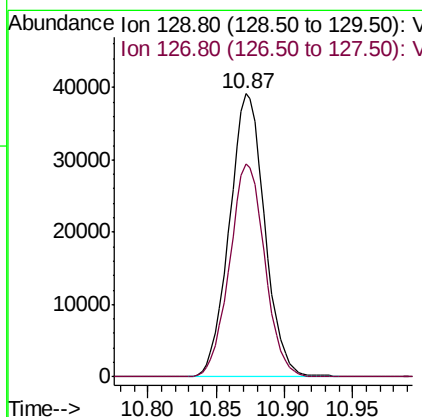
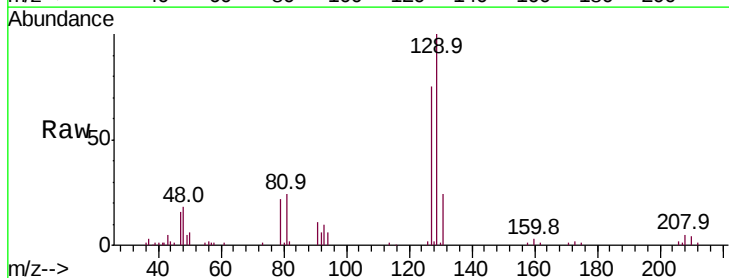
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

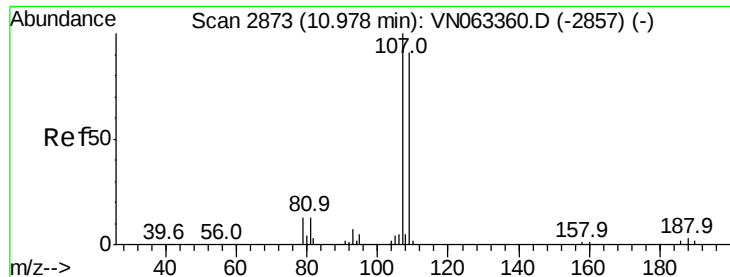
Tot Ion: 43 Resp: 299874
Ion Ratio Lower Upper
43 100
58 50.3 24.7 74.1



#60
Dibromochloromethane
Concen: 18.148 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion: 129 Resp: 70367
Ion Ratio Lower Upper
129 100
127 74.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.769 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

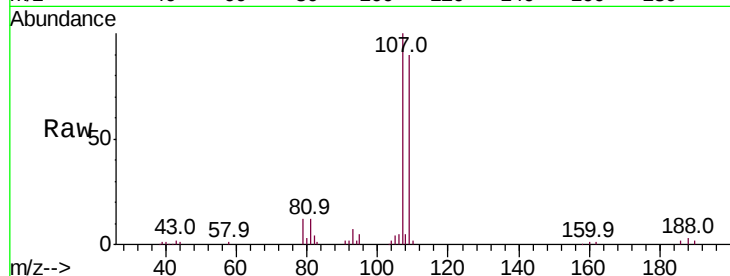
VN0922WBS01

Tot Ion:107 Resp: 66926

Ion Ratio Lower Upper

107 100

109 90.6 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

40000

30000

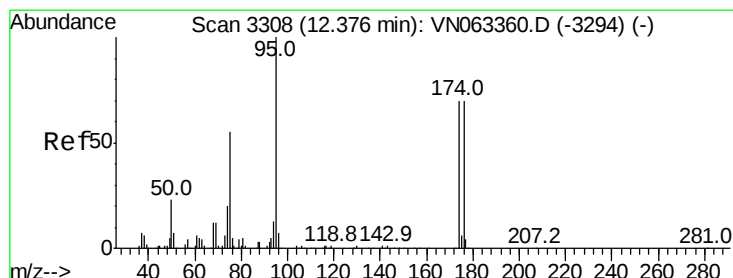
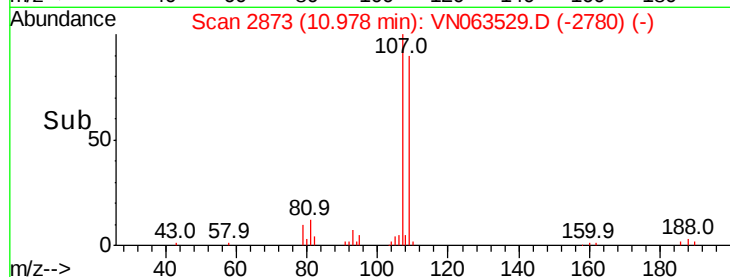
20000

10000

0

Time-->

10.90 11.00



#62

4-Bromofluorobenzene

Concen: 51.204 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

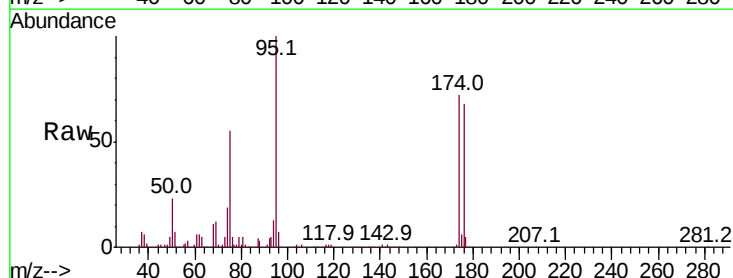
Tgt Ion: 95 Resp: 230900

Ion Ratio Lower Upper

95 100

174 72.0 0.0 140.8

176 68.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

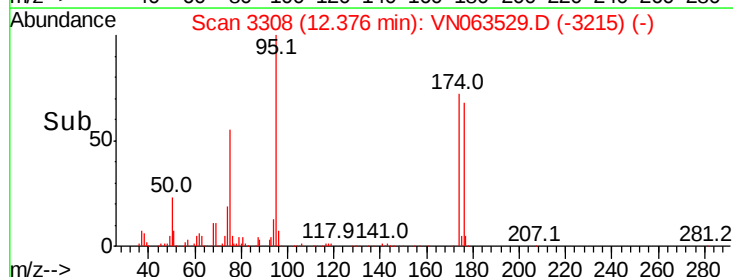
100000

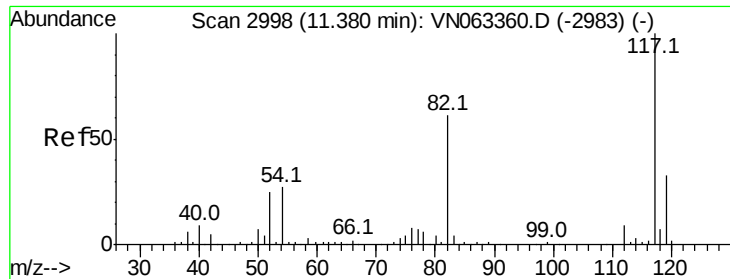
50000

0

Time-->

12.30 12.35 12.40 12.45

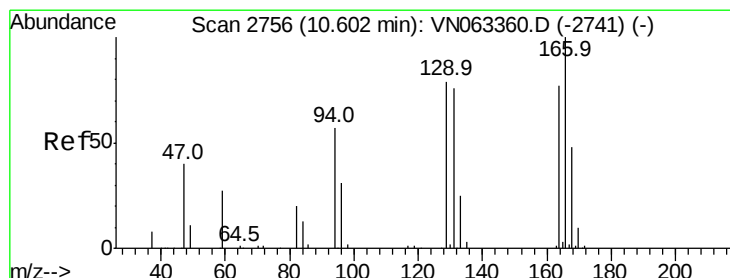
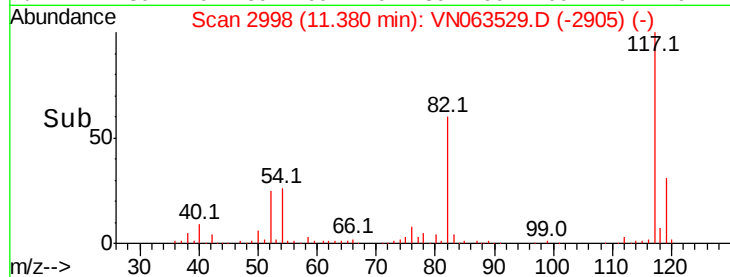
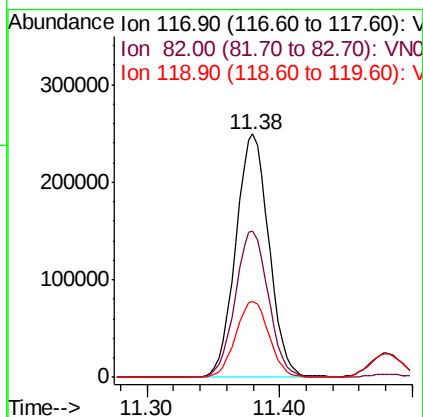
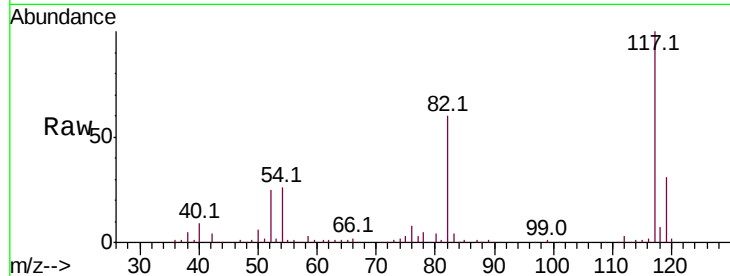




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

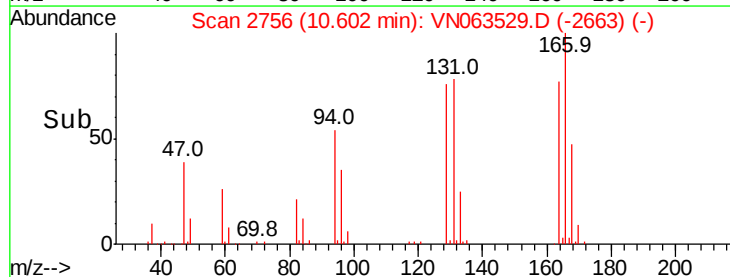
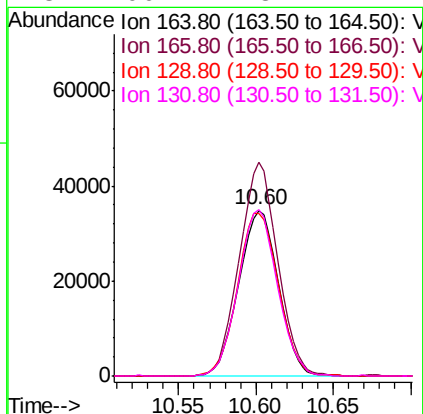
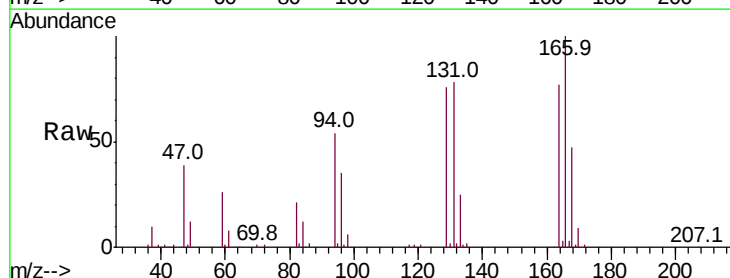
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

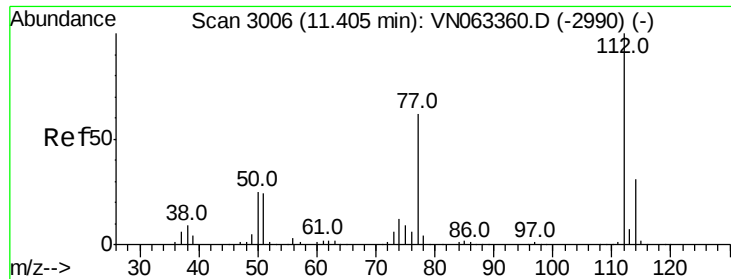
Tot Ion:117 Resp: 432310
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.3 26.2 39.4



#64
Tetrachloroethene
Concen: 21.130 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion:164 Resp: 62201
Ion Ratio Lower Upper
164 100
166 129.3 103.4 155.0
129 98.8 81.8 122.6
131 100.4 78.2 117.4

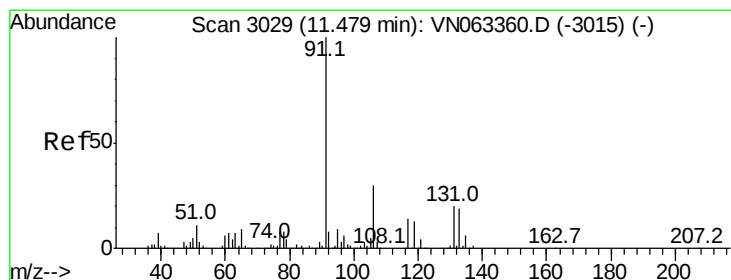
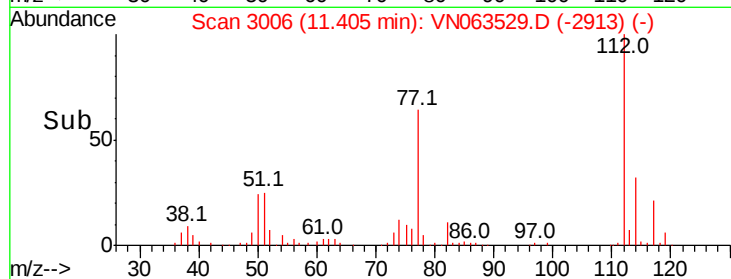
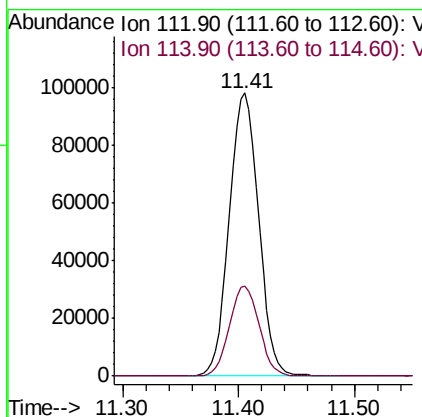
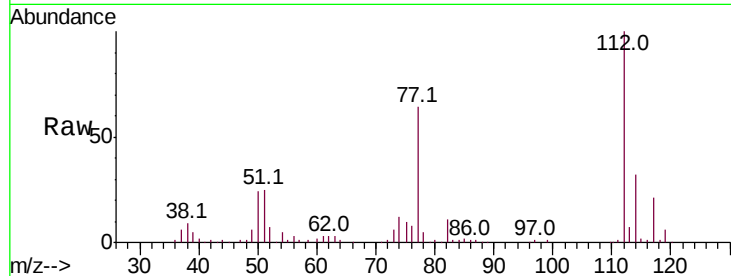




#65
Chlorobenzene
Concen: 18.749 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

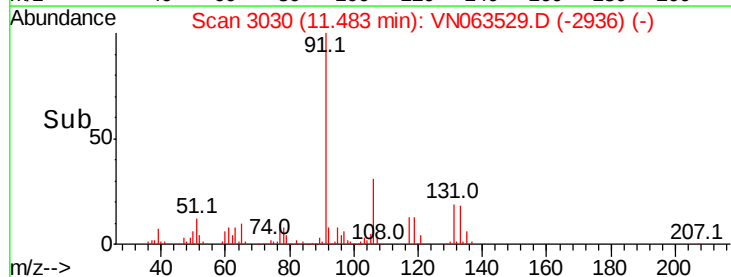
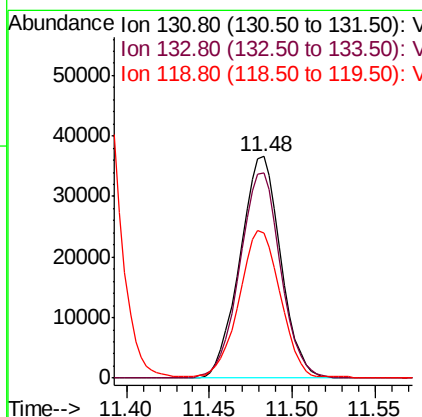
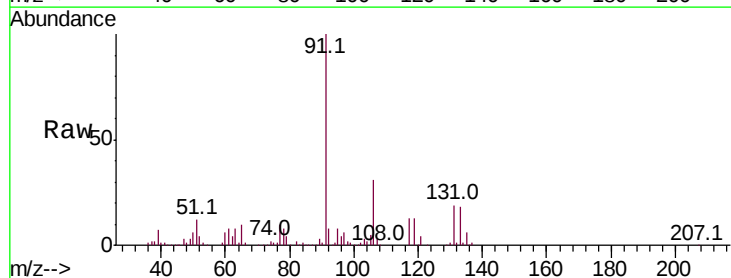
Instrument :
MSVOA_N
ClientSampled :
VN0922WBS01

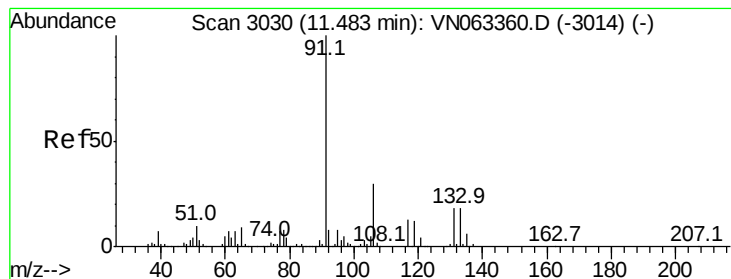
Tot Ion:112 Resp: 172055
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.641 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion:131 Resp: 62707
Ion Ratio Lower Upper
131 100
133 93.3 47.3 141.9
119 66.5 33.6 100.8





#67

Ethyl Benzene

Concen: 18.432 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

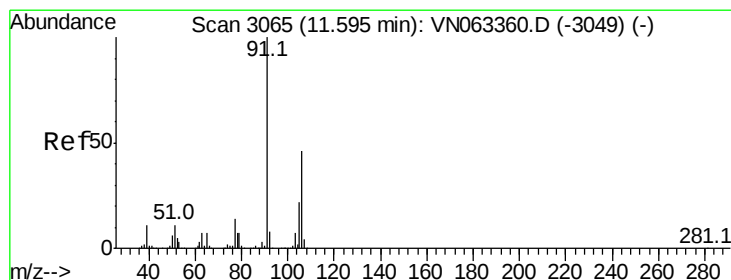
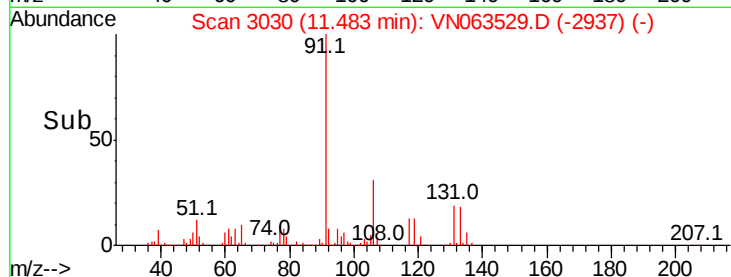
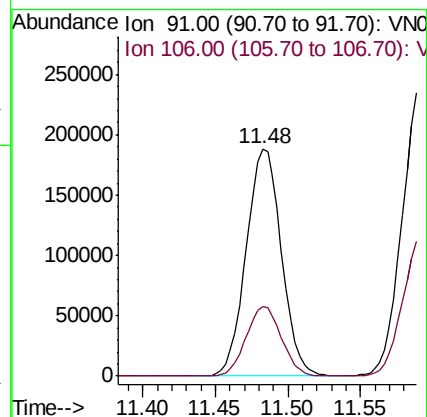
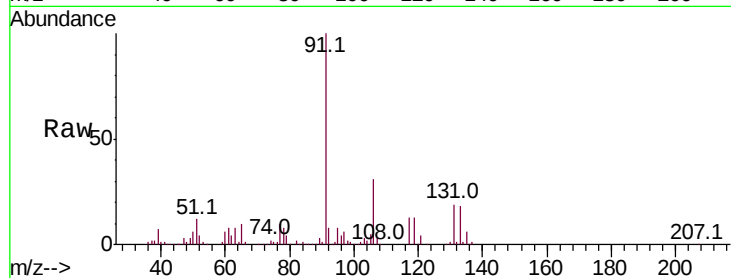
VN0922WBS01

Tot Ion: 91 Resp: 318534

Ion Ratio Lower Upper

91 100

106 30.9 23.8 35.6



#68

m/p-Xylenes

Concen: 37.621 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN063529.D

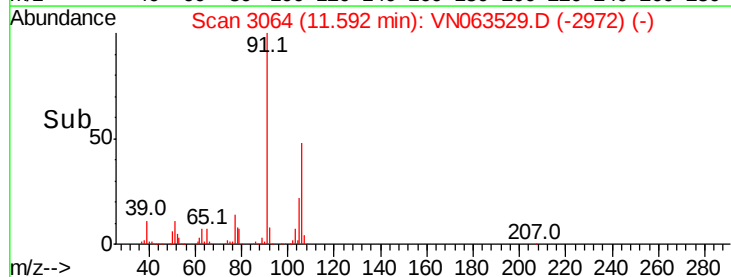
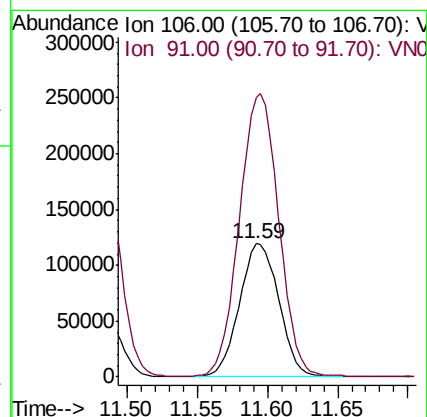
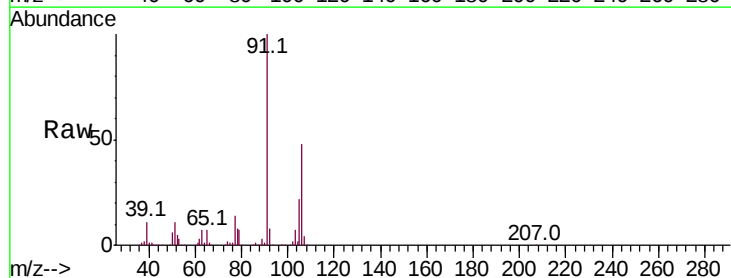
Acq: 22 Sep 2020 13:39

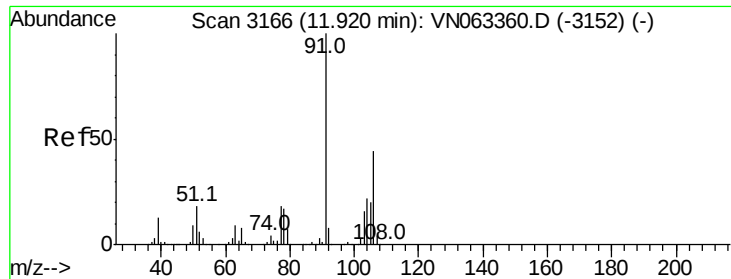
Tgt Ion: 106 Resp: 234411

Ion Ratio Lower Upper

106 100

91 211.2 171.2 256.8

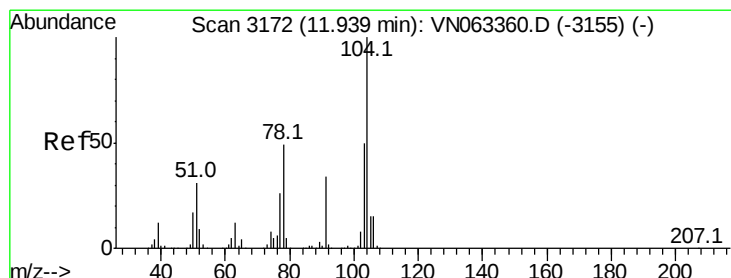
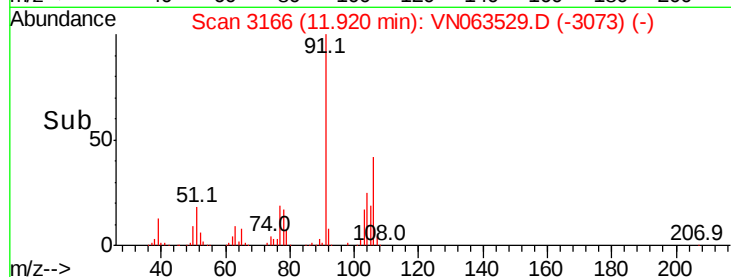
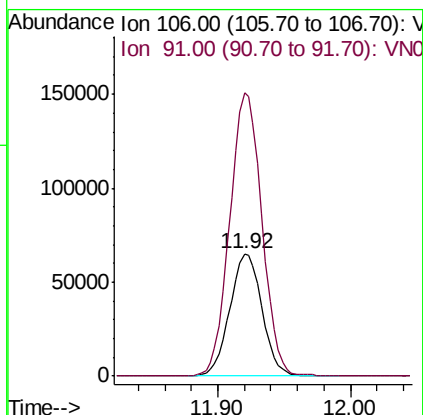
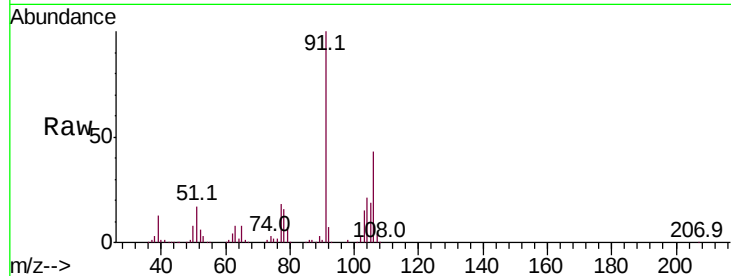




#69
o-Xylene
Concen: 18.510 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

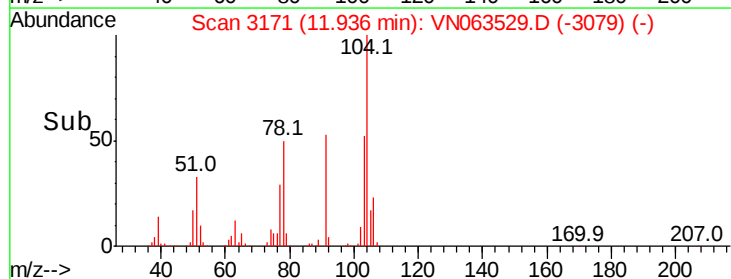
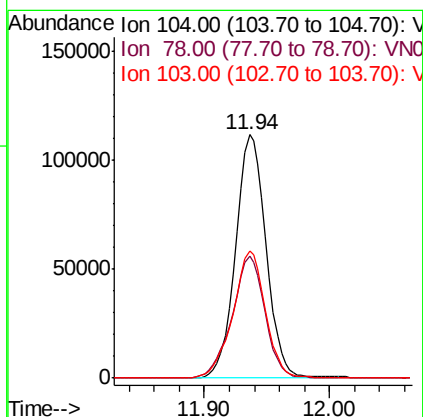
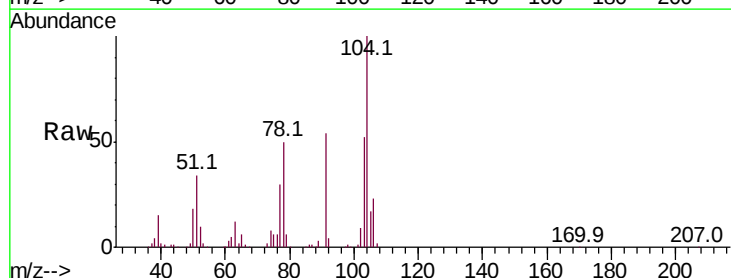
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBS01

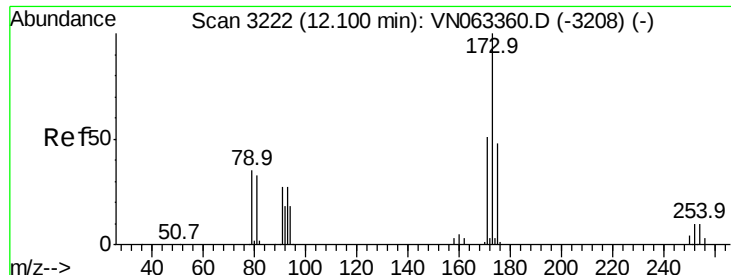
Tot Ion:106 Resp: 109865
Ion Ratio Lower Upper
106 100
91 231.0 113.6 340.8



#70
Styrene
Concen: 18.968 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion:104 Resp: 188799
Ion Ratio Lower Upper
104 100
78 54.0 44.4 66.6
103 55.8 43.7 65.5





#71

Bromoform

Concen: 17.262 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

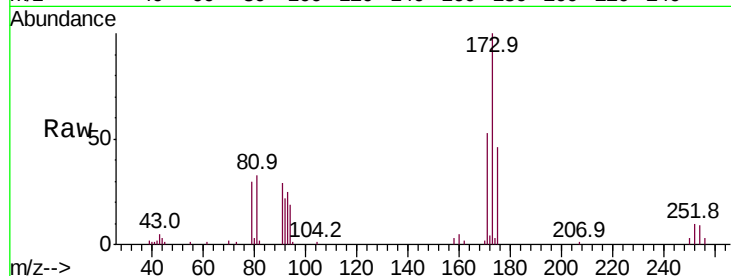
Tot Ion:173 Resp: 43258

Ion Ratio Lower Upper

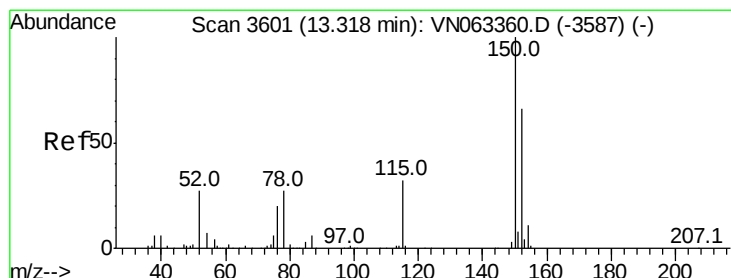
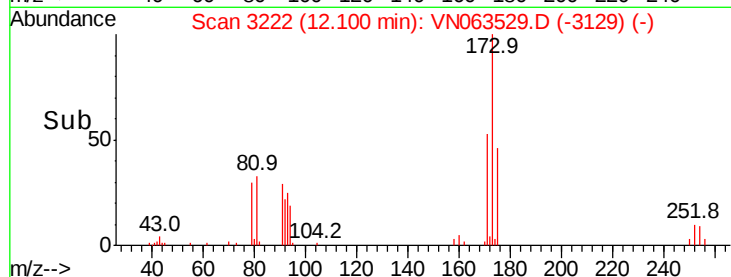
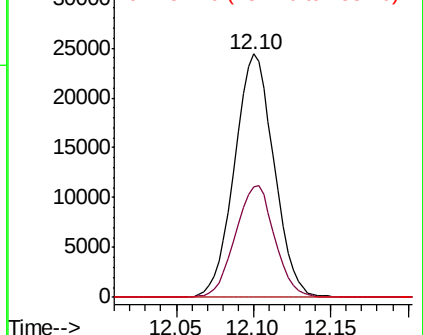
173 100

175 45.4 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

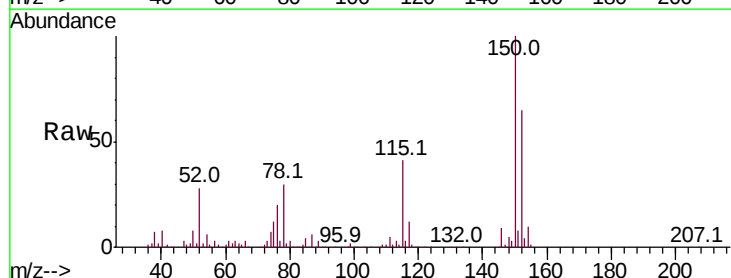
Tgt Ion:152 Resp: 201335

Ion Ratio Lower Upper

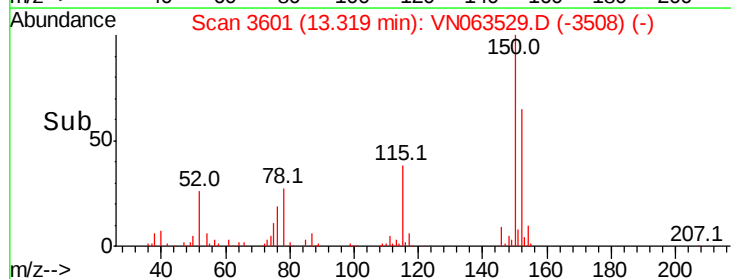
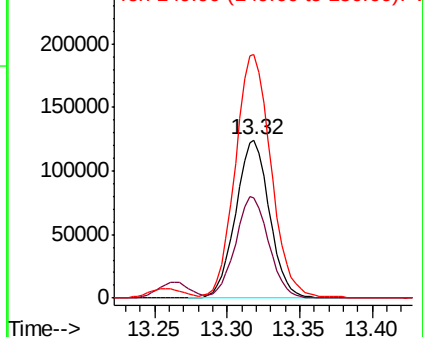
152 100

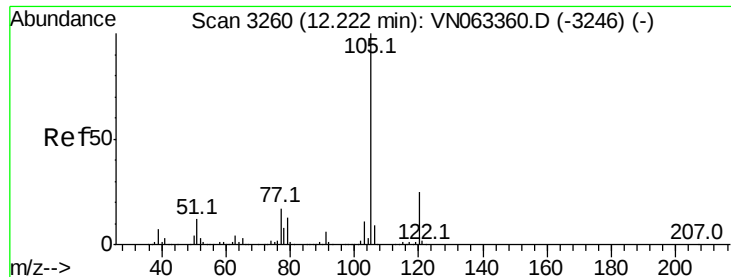
115 63.1 32.2 96.6

150 161.7 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.679 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

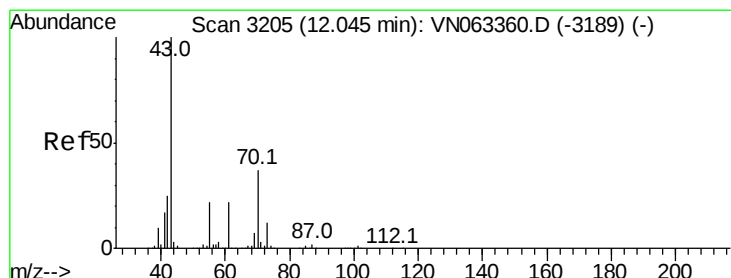
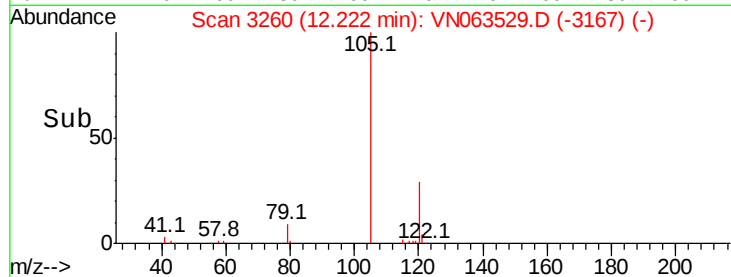
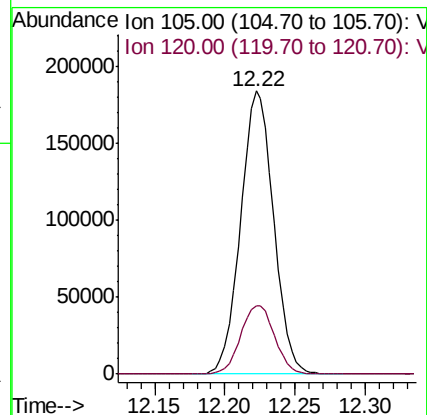
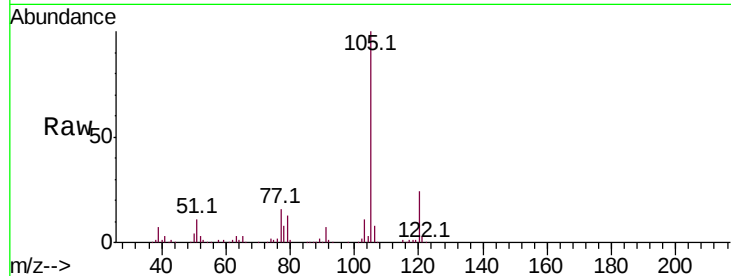
VN0922WBS01

Tot Ion:105 Resp: 301358

Ion Ratio Lower Upper

105 100

120 25.0 12.7 38.0



#74

N-ethyl acetate

Concen: 16.535 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Tgt Ion: 43 Resp: 126286

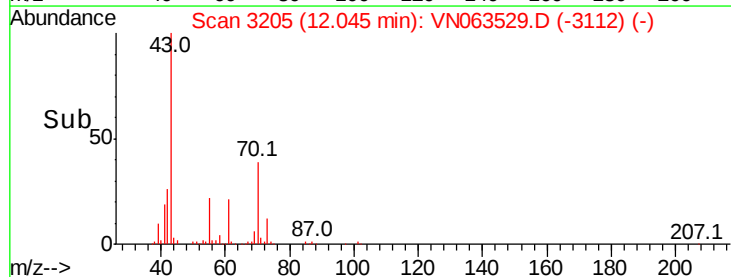
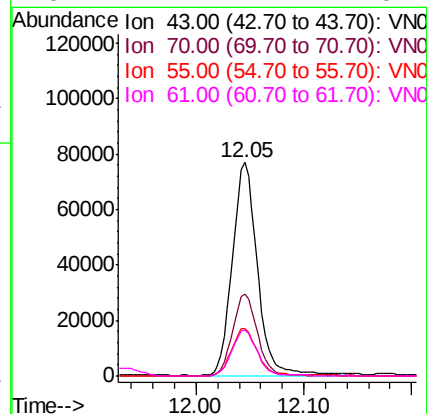
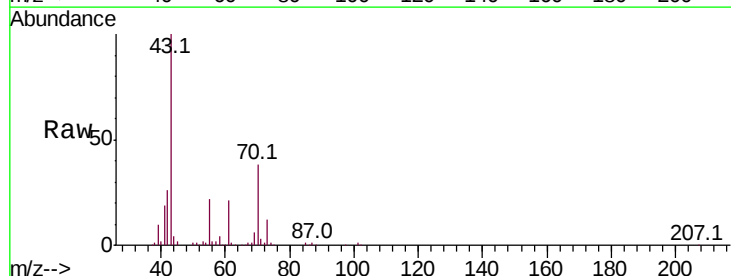
Ion Ratio Lower Upper

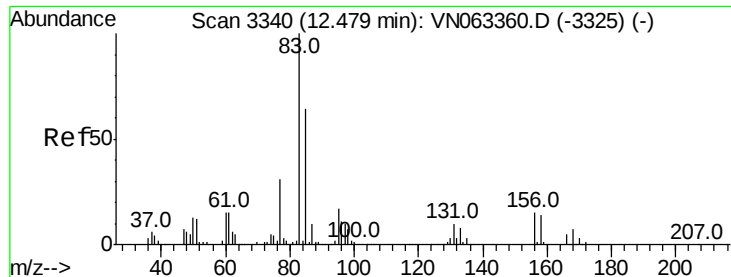
43 100

70 37.5 29.6 44.4

55 22.8 17.7 26.5

61 21.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.558 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

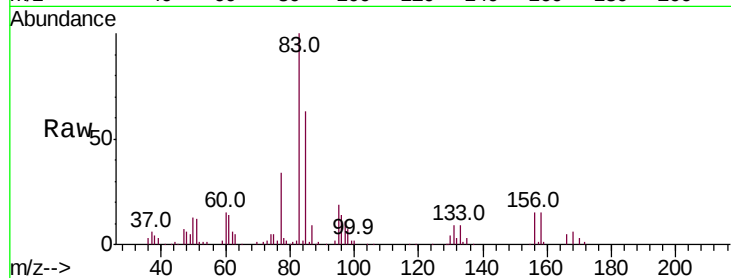
Tot Ion: 83 Resp: 87711

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

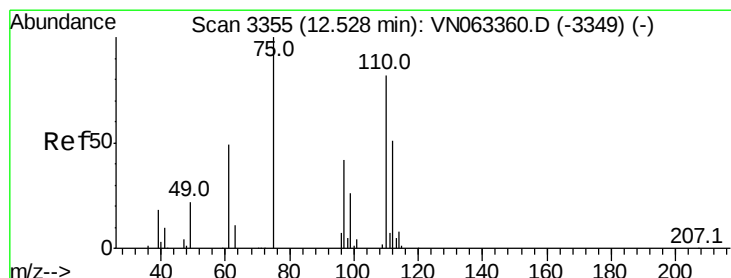
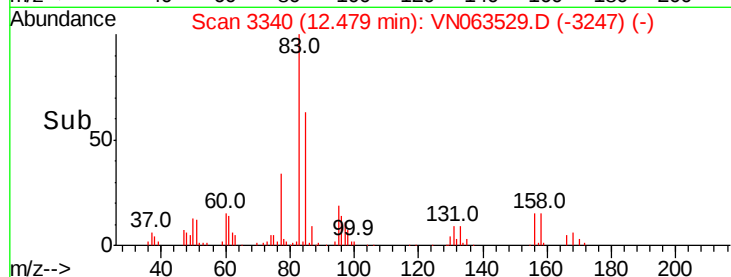
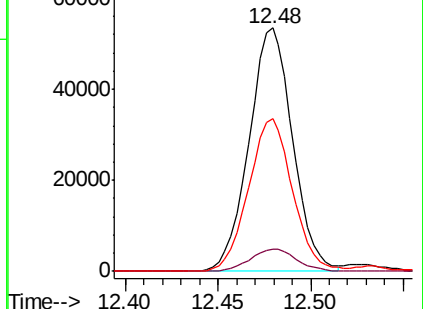
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 24.397 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063529.D

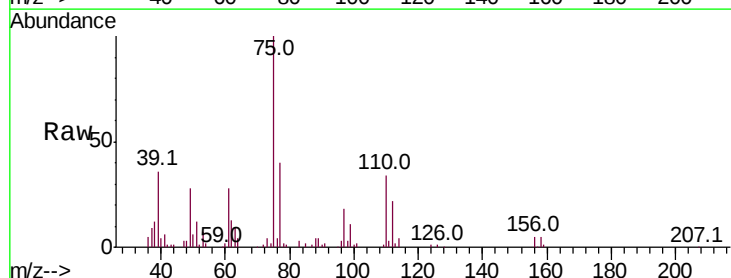
Acq: 22 Sep 2020 13:39

Tgt Ion: 75 Resp: 121579

Ion Ratio Lower Upper

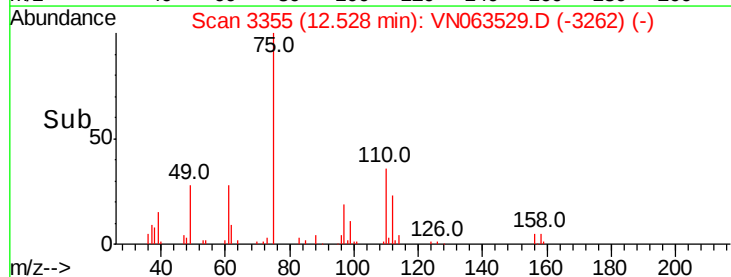
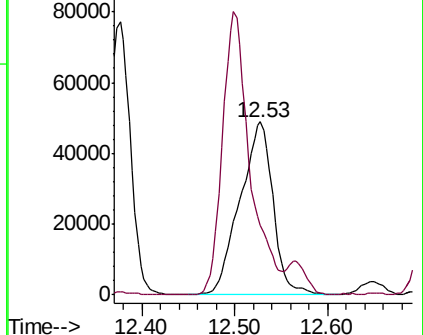
75 100

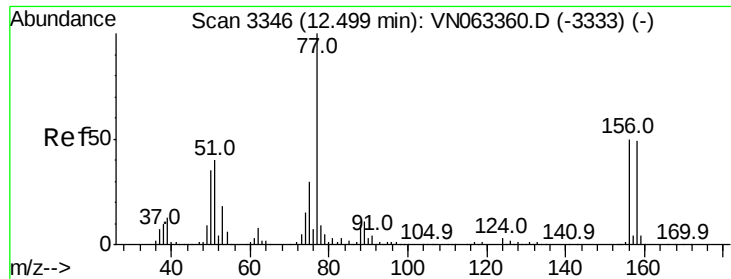
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 18.983 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

VN0922WBS01

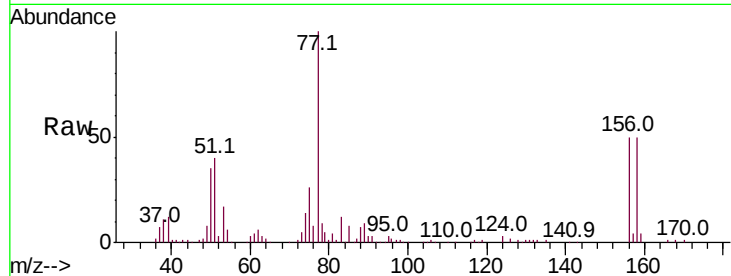
Tot Ion:156 Resp: 68892

Ion Ratio Lower Upper

156 100

77 240.2 120.2 360.6

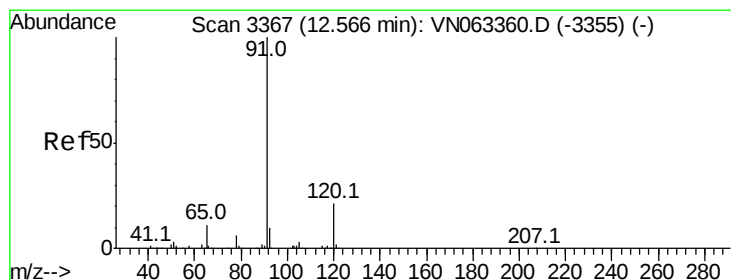
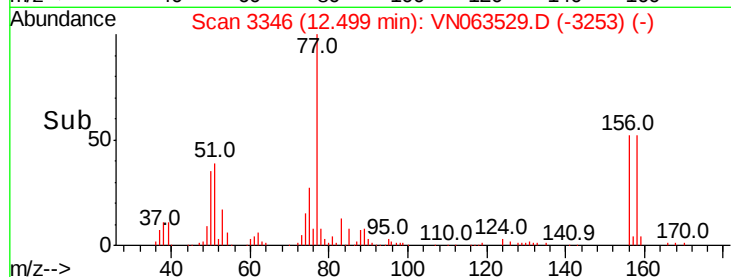
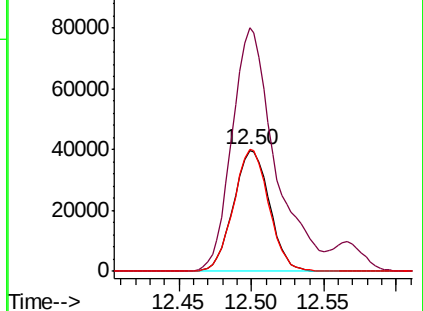
158 98.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.724 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063529.D

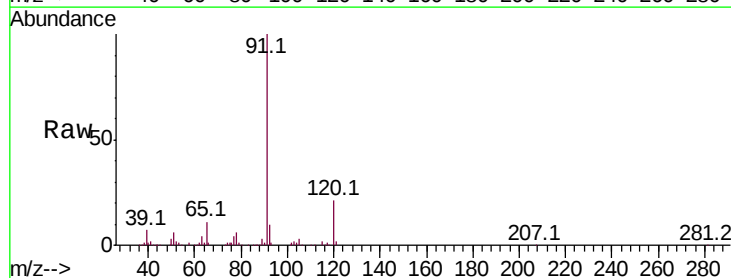
Acq: 22 Sep 2020 13:39

Tgt Ion: 91 Resp: 351849

Ion Ratio Lower Upper

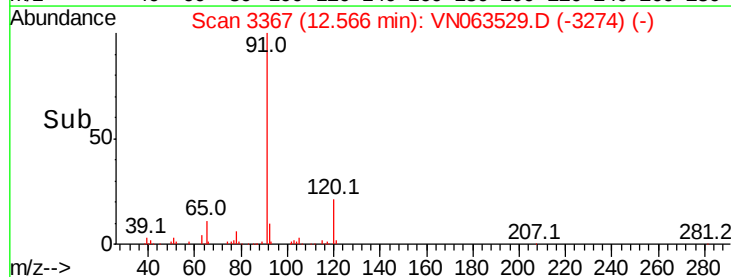
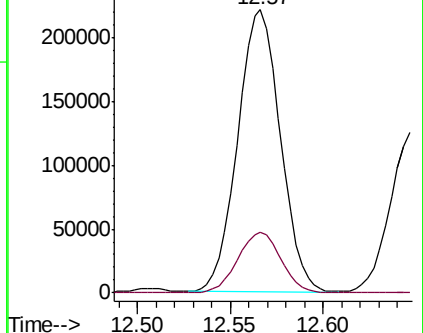
91 100

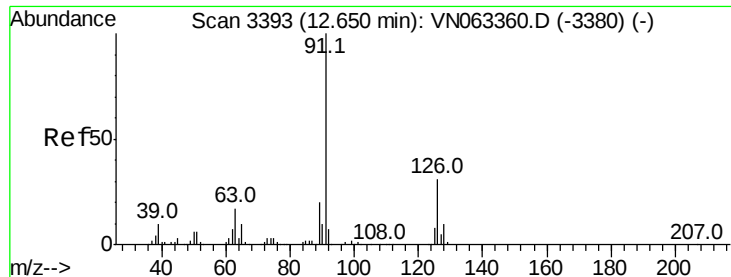
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.774 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

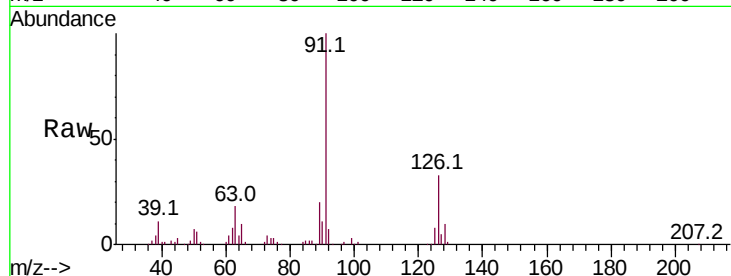
VN0922WBS01

Tot Ion: 91 Resp: 211481

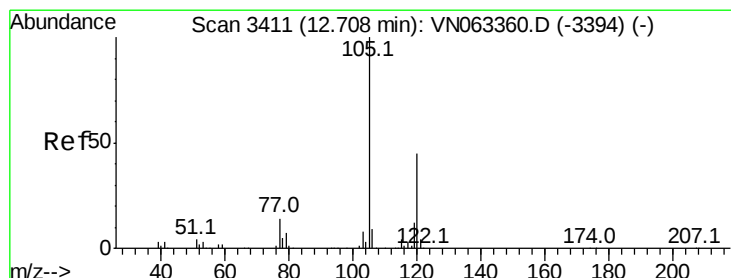
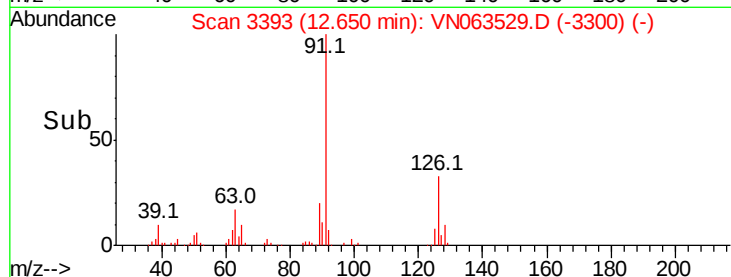
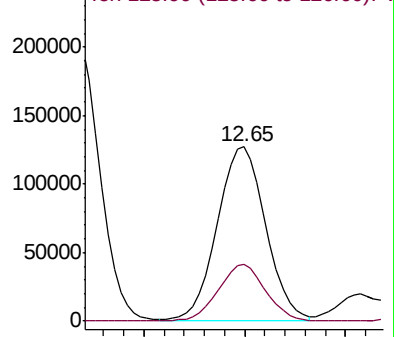
Ion Ratio Lower Upper

91 100

126 32.4 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.237 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063529.D

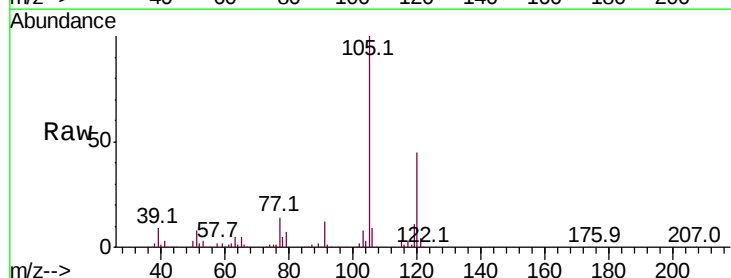
Acq: 22 Sep 2020 13:39

Tgt Ion:105 Resp: 258801

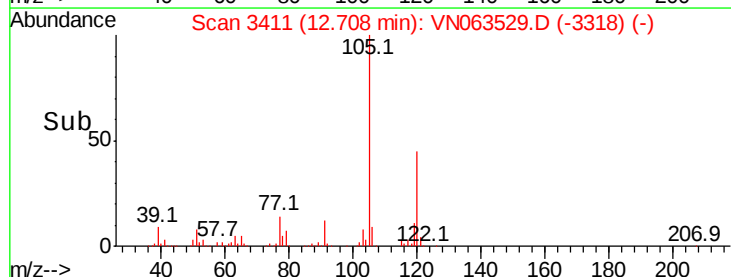
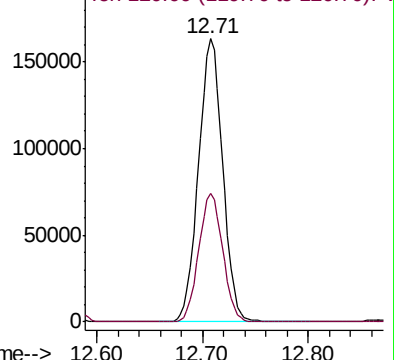
Ion Ratio Lower Upper

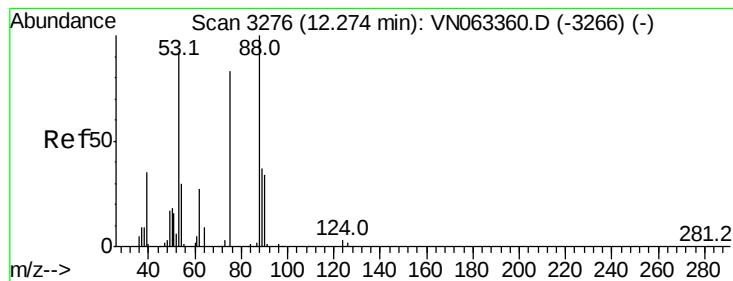
105 100

120 44.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.125 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

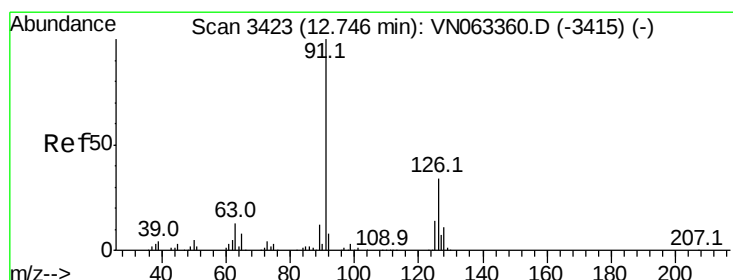
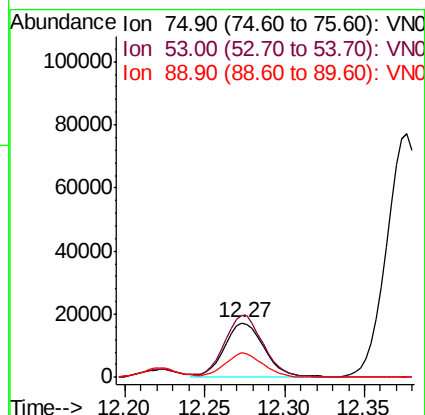
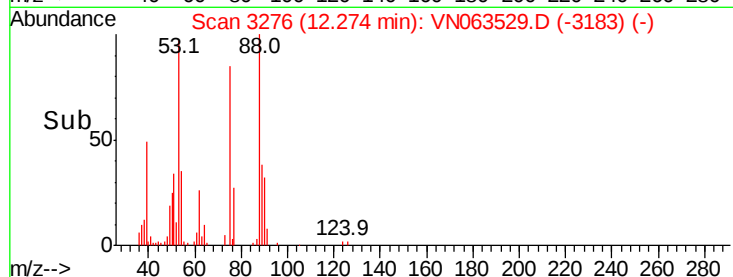
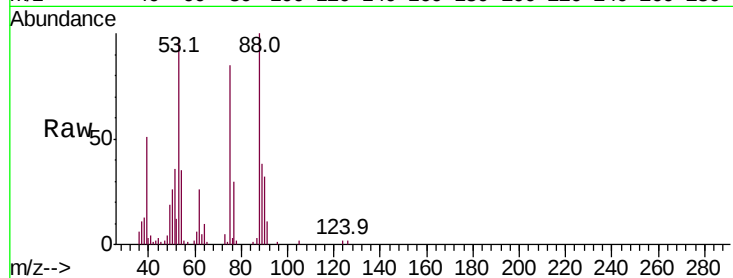
Tot Ion: 75 Resp: 29310

Ion	Ratio	Lower	Upper
75	100		
53	109.4	85.7	128.5
89	42.4	38.0	57.0

75 100

53 109.4 85.7 128.5

89 42.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.746 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063529.D

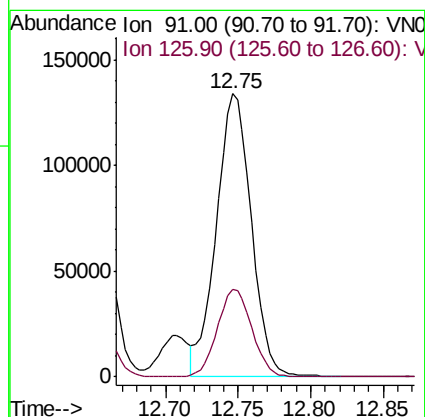
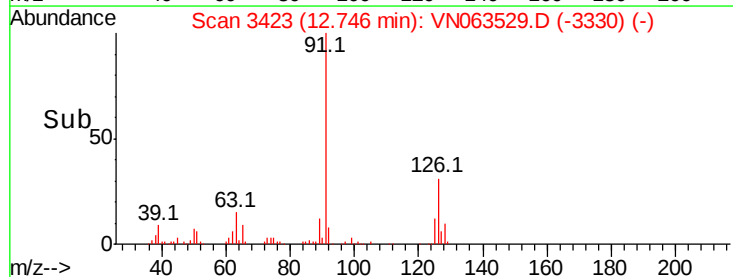
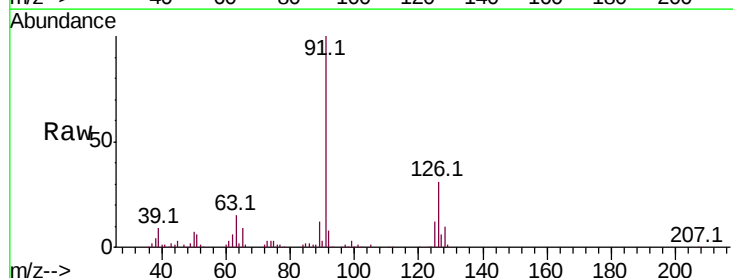
Acq: 22 Sep 2020 13:39

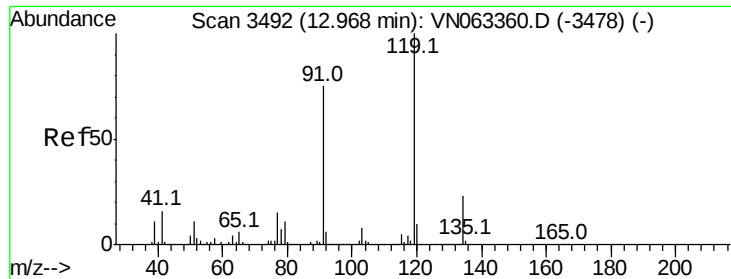
Tgt Ion: 91 Resp: 223110

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5

91 100

126 30.8 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.227 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampled :

VN0922WBS01

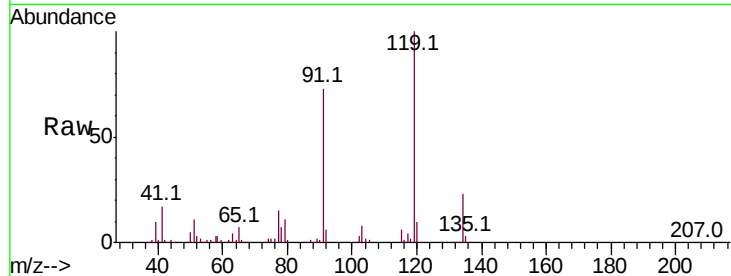
Tot Ion:119 Resp: 202389

Ion Ratio Lower Upper

119 100

91 72.2 36.3 108.9

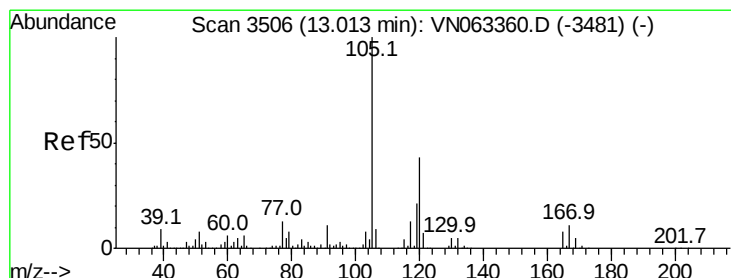
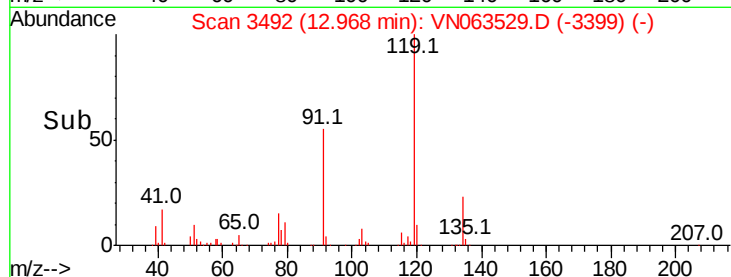
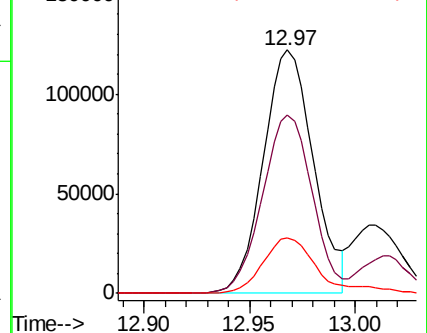
134 25.1 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.971 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN063529.D

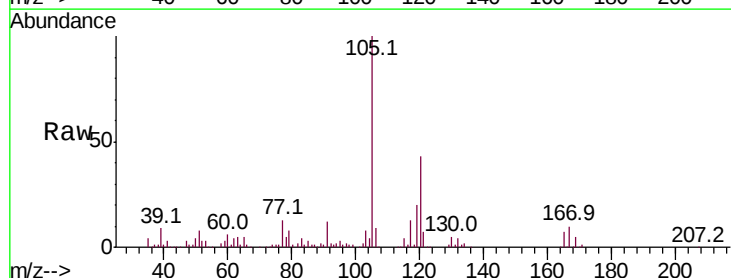
Acq: 22 Sep 2020 13:39

Tgt Ion:105 Resp: 257808

Ion Ratio Lower Upper

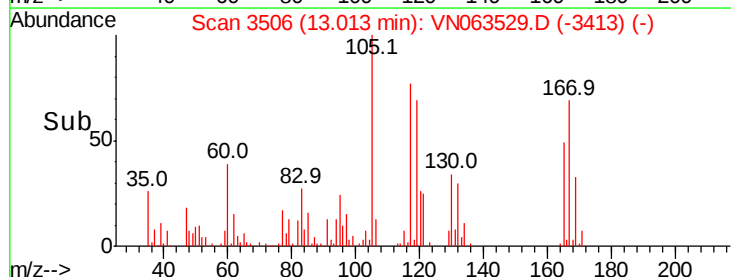
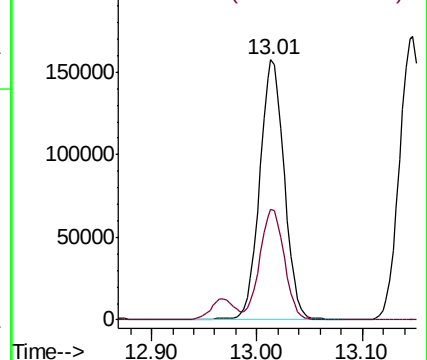
105 100

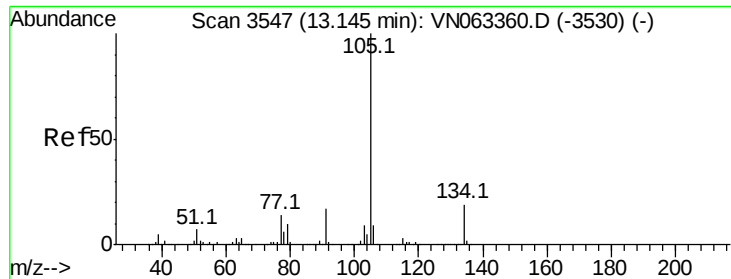
120 42.6 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

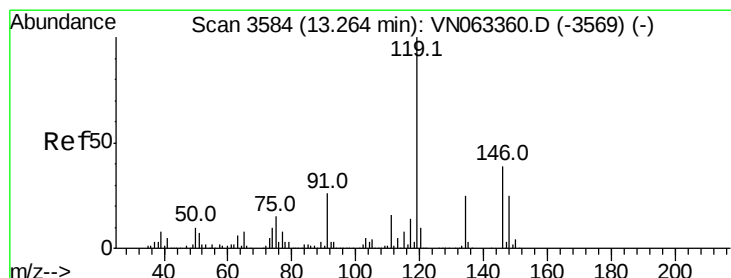
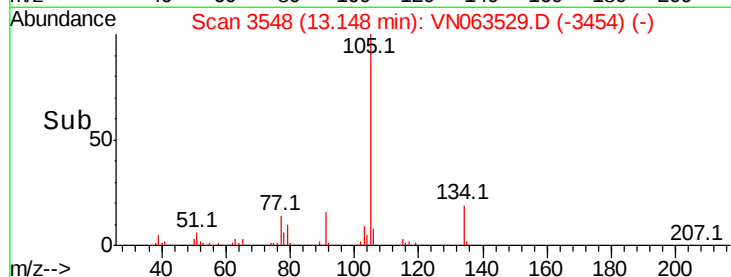
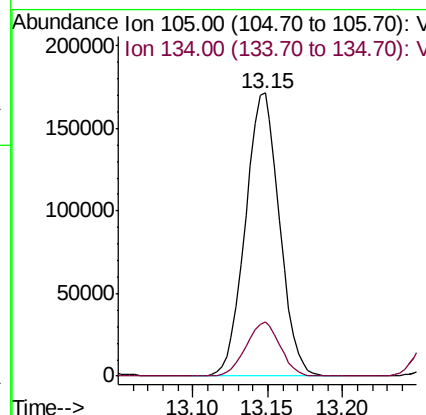
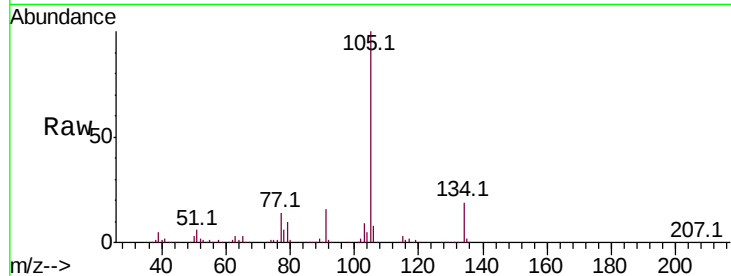




#85
 sec-Butylbenzene
 Concen: 18.182 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

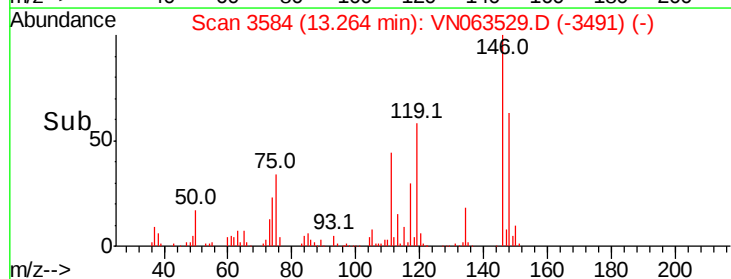
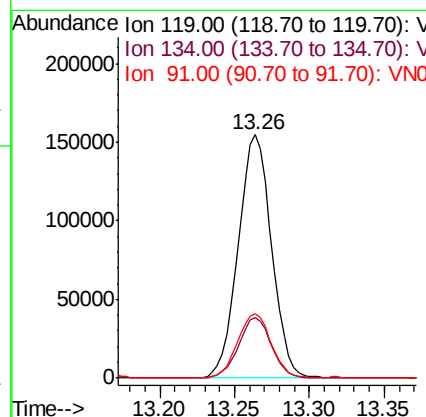
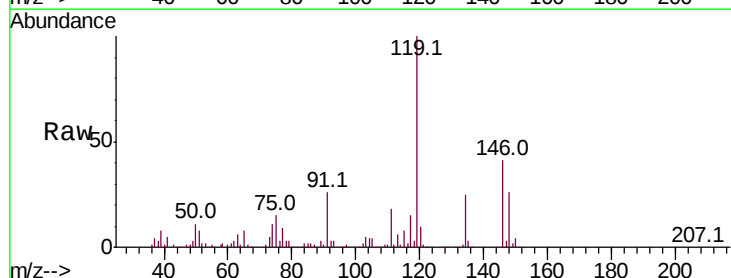
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

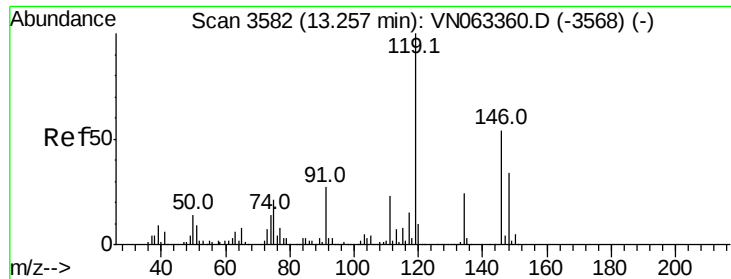
Tot Ion:105 Resp: 270246
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 18.232 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Tgt Ion:119 Resp: 239015
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.5 37.5
 91 27.0 13.4 40.1

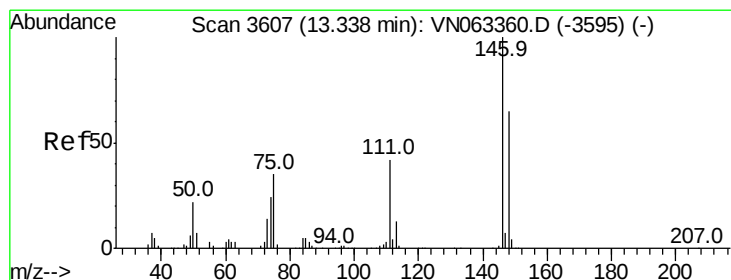
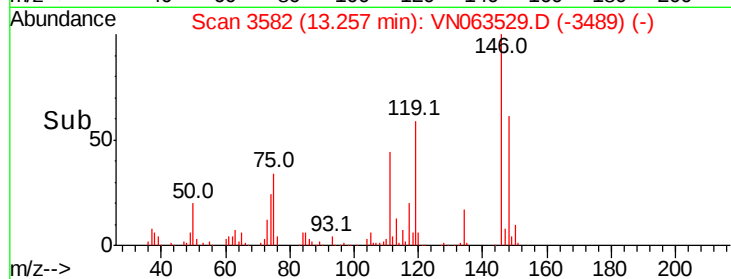
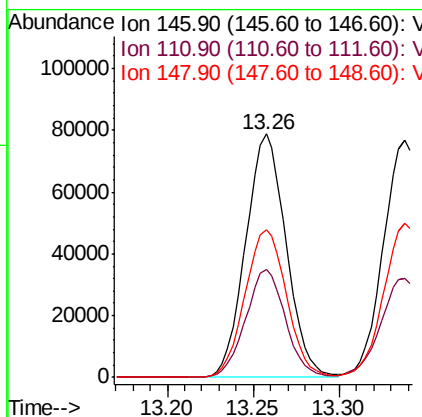
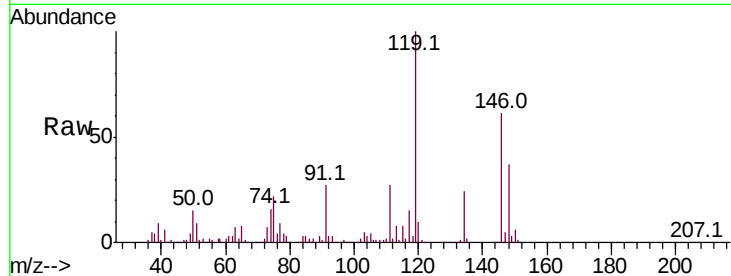




#87
 1,3-Dichlorobenzene
 Concen: 19.077 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

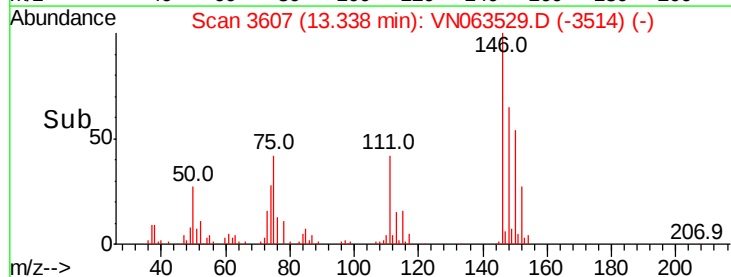
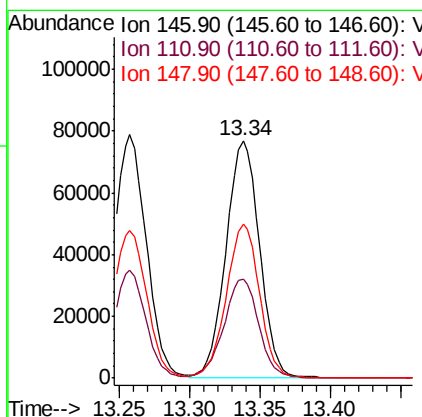
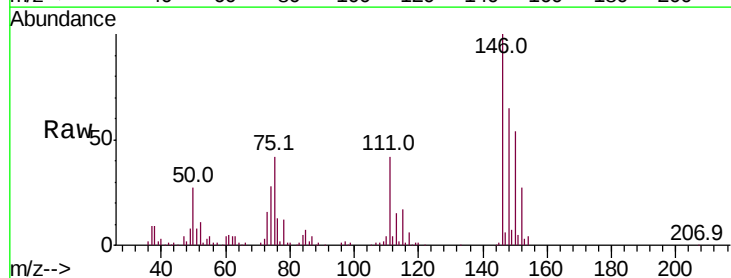
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

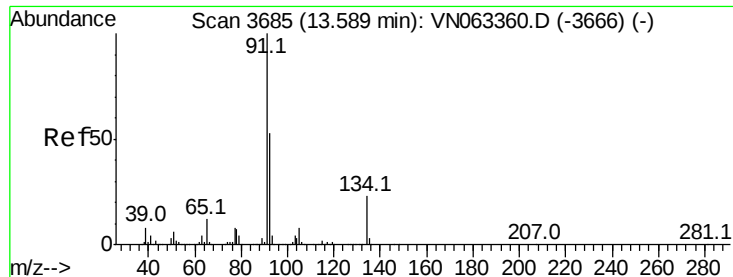
Tot Ion:146 Resp: 128325
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 62.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.672 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Tgt Ion:146 Resp: 127700
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.2 63.6
 148 63.9 31.9 95.9

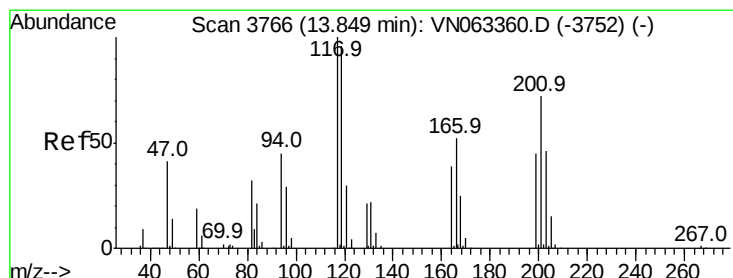
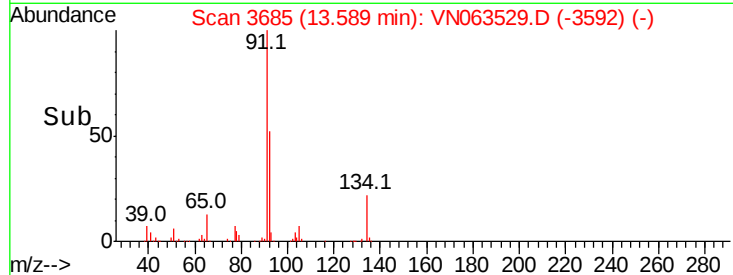
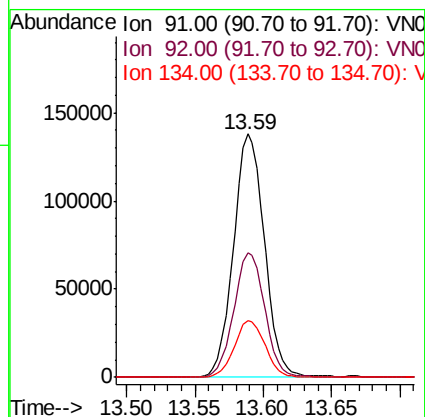
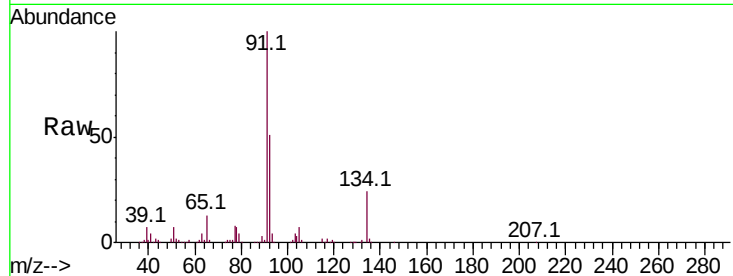




#89
n-Butylbenzene
Concen: 18.058 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

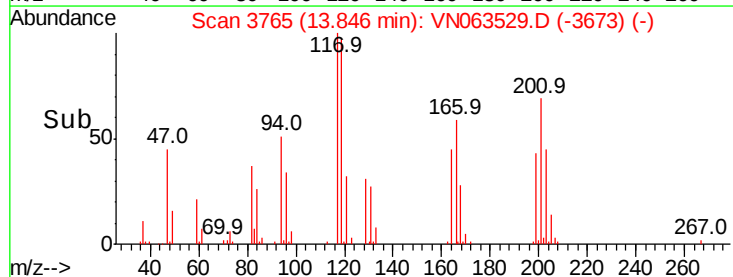
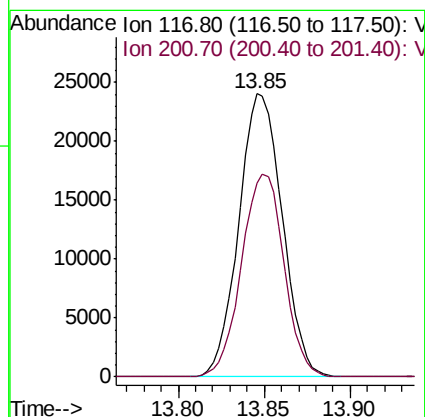
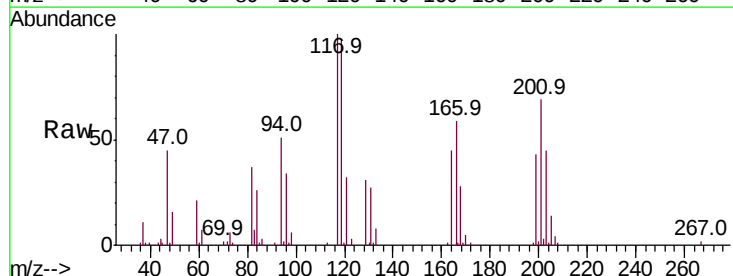
Instrument :
MSVOA_N
ClientSampled :
VN0922WBS01

Tot Ion:	91	Resp:	218203
Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	23.2	11.7	35.0



#90
Hexachloroethane
Concen: 16.895 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN063529.D
Acq: 22 Sep 2020 13:39

Tgt Ion:	117	Resp:	42173
Ion	Ratio	Lower	Upper
117	100		
201	69.9	35.5	106.7

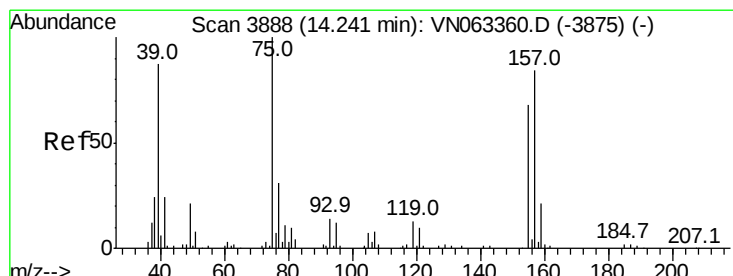
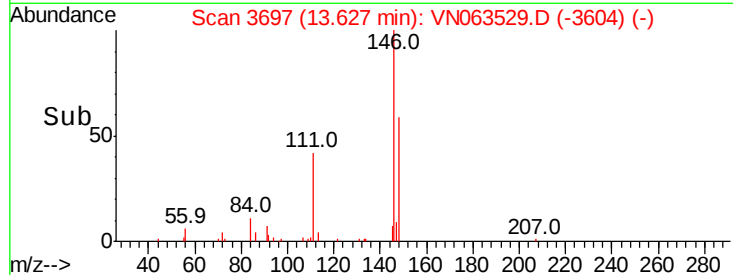
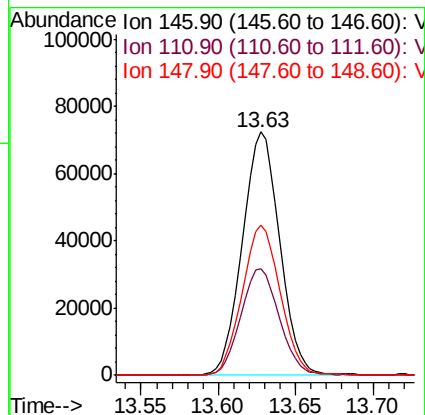
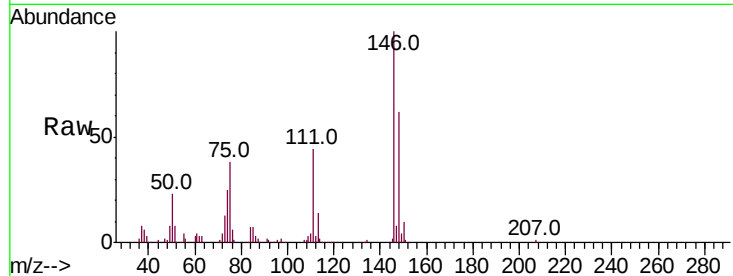




#91
 1,2-Dichlorobenzene
 Concen: 18.473 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

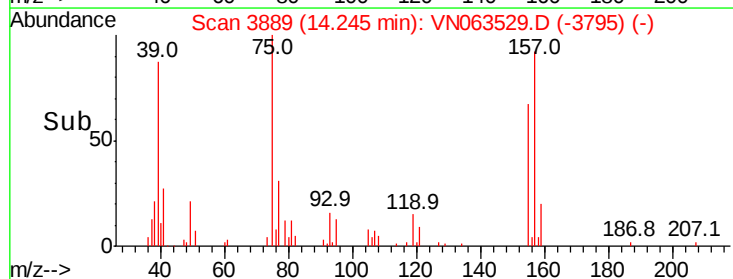
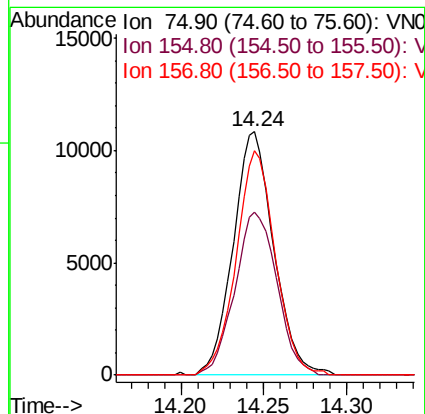
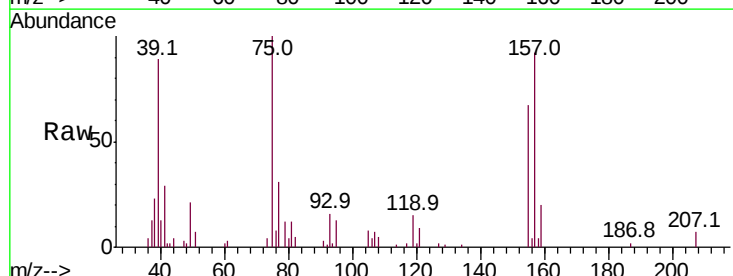
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBS01

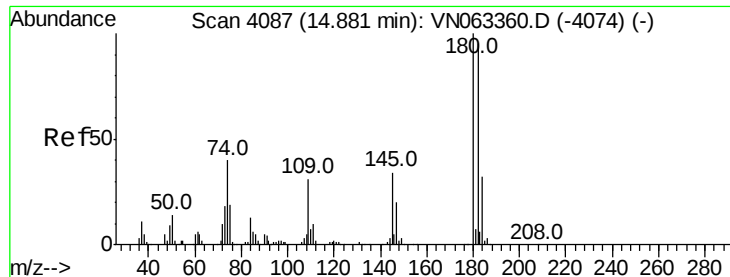
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.4	67.2
148	63.1	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.484 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	34.6	103.9
157	88.9	43.7	131.1

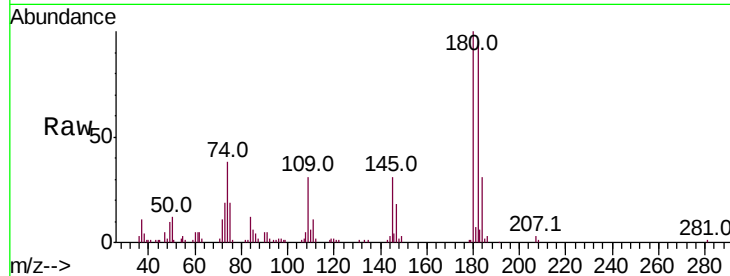




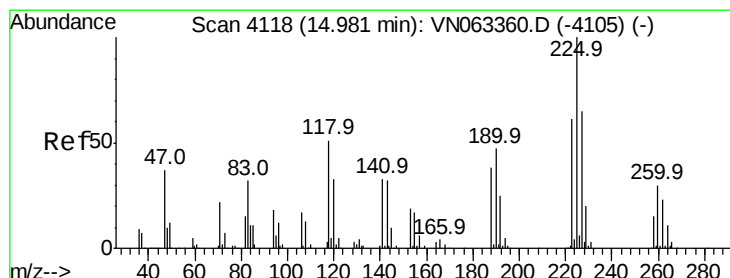
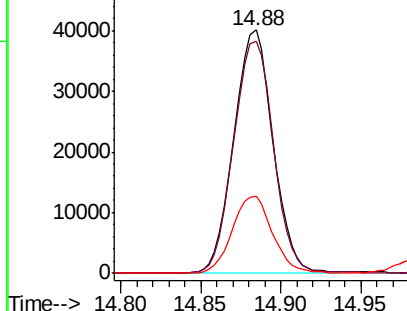
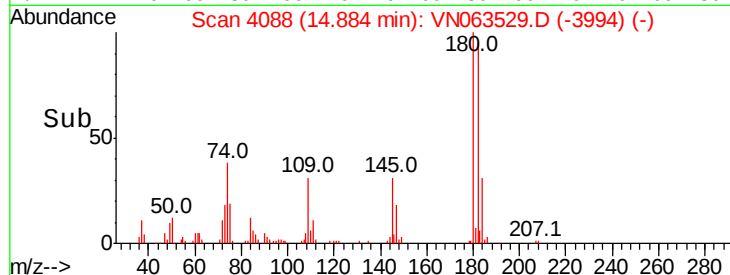
#93
 1,2,4-Trichlorobenzene
 Concen: 17.178 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Instrument :
 MSVOA_N
 ClientSampled :
 VN0922WBS01

Tot Ion:180 Resp: 66881
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.3 142.0
 145 32.4 16.6 49.7

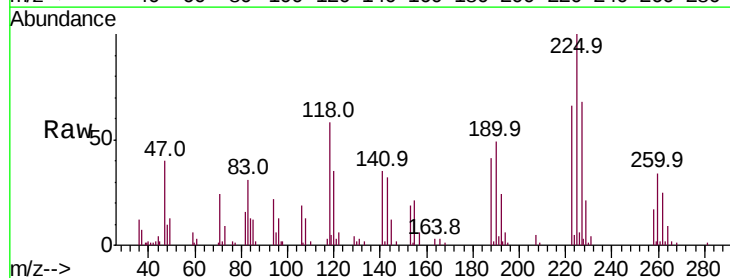


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

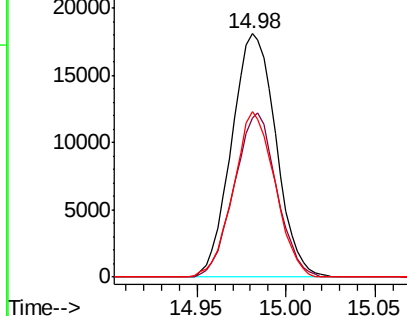
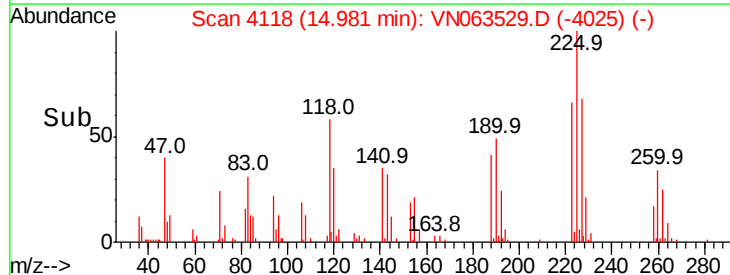


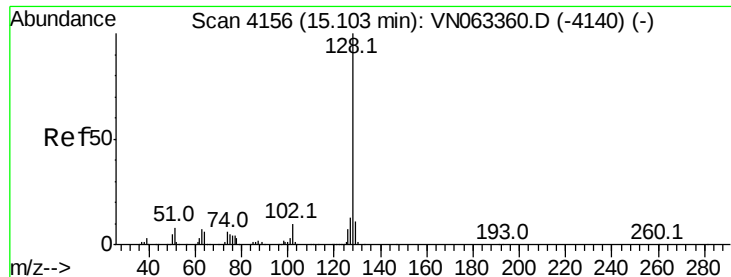
#94
 Hexachlorobutadiene
 Concen: 19.420 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063529.D
 Acq: 22 Sep 2020 13:39

Tgt Ion:225 Resp: 31301
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.6 91.6
 227 63.9 31.2 93.6



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





#95

Naphthalene

Concen: 16.430 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBS01

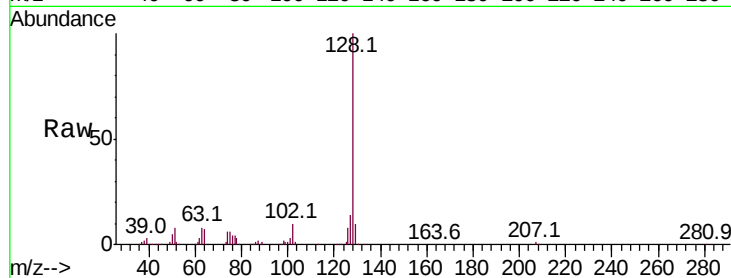
Tot Ion:128 Resp: 211329

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

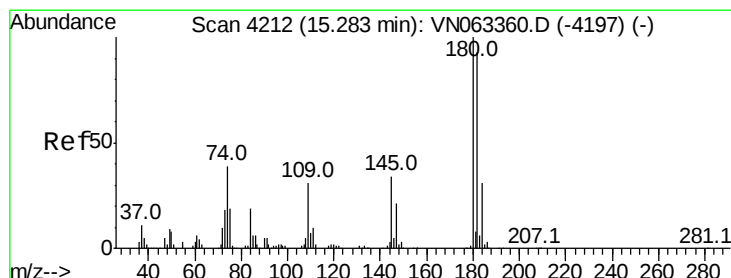
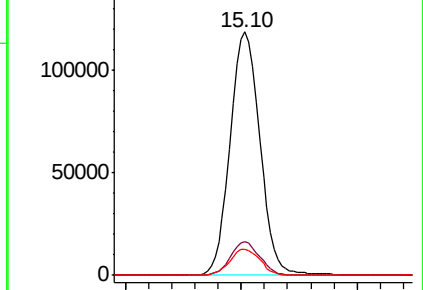
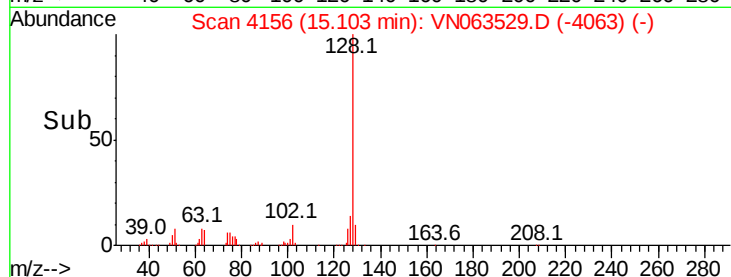
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.140 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063529.D

Acq: 22 Sep 2020 13:39

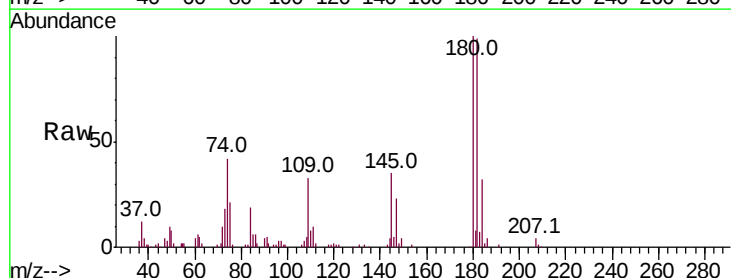
Tgt Ion:180 Resp: 64477

Ion Ratio Lower Upper

180 100

182 97.6 46.7 140.1

145 34.1 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

