

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063610.D
 Acq On : 24 Sep 2020 00:53
 Operator : JC/MD
 Sample : VN0923WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Quant Time: Sep 24 05:03:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	426687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201303	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.55	113	140173	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.06	98	528375	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.38	95	198214	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47347	17.516	ug/l	99
3) Chloromethane	2.04	50	58836	16.454	ug/l	94
4) Vinyl Chloride	2.16	62	57611	18.184	ug/l	100
5) Bromomethane	2.54	94	38000	20.201	ug/l	98
6) Chloroethane	2.68	64	36713	18.878	ug/l	96
7) Trichlorofluoromethane	2.99	101	91087	19.270	ug/l	100
8) Diethyl Ether	3.38	74	32221	17.486	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49903	18.773	ug/l	98
10) Methyl Iodide	3.92	142	57057	16.486	ug/l	97
11) Tert butyl alcohol	4.73	59	47762	84.885	ug/l #	82
12) 1,1-Dichloroethene	3.70	96	47807	17.756	ug/l	97
13) Acrolein	3.57	56	14717	70.580	ug/l	97
14) Allyl chloride	4.28	41	85147	15.987	ug/l	96
15) Acrylonitrile	4.94	53	126872	88.645	ug/l #	91
16) Acetone	3.78	43	117247	89.824	ug/l	98
17) Carbon Disulfide	4.01	76	121602	15.527	ug/l	100
18) Methyl Acetate	4.28	43	62735	18.932	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	177664	17.704	ug/l	97
20) Methylene Chloride	4.51	84	59234	17.911	ug/l	94
21) trans-1,2-Dichloroethene	5.00	96	53278	17.860	ug/l	89
22) Diisopropyl ether	5.90	45	191274	17.610	ug/l	97
23) Vinyl Acetate	5.85	43	773675	86.729	ug/l	98
24) 1,1-Dichloroethane	5.80	63	107764	18.172	ug/l	99
25) 2-Butanone	6.79	43	177391	88.363	ug/l	94
26) 2,2-Dichloropropane	6.78	77	71435	13.682	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61441	18.197	ug/l	100
28) Bromochloromethane	7.15	49	50539	18.458	ug/l	99
29) Tetrahydrofuran	7.17	42	119024	86.809	ug/l	99
30) Chloroform	7.33	83	112937	18.982	ug/l	98
31) Cyclohexane	7.61	56	90245	16.088	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	97323	18.391	ug/l	99
36) 1,1-Dichloropropene	7.76	75	77337	17.013	ug/l	97
37) Ethyl Acetate	6.88	43	73382	16.448	ug/l	98
38) Carbon Tetrachloride	7.74	117	82252	17.726	ug/l	97

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Quant Time: Sep 24 05:03:27 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)
39) Methylcyclohexane	9.05	83	75153	15.233	ug/l	99
40) Benzene	8.00	78	229388	17.677	ug/l	97
41) Methacrylonitrile	7.13	41	33277	16.584	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	94835	18.173	ug/l	99
43) Isopropyl Acetate	8.13	43	132532	16.613	ug/l	99
44) Trichloroethene	8.80	130	58307	18.526	ug/l	96
45) 1,2-Dichloropropane	9.09	63	63575	17.988	ug/l	98
46) Dibromomethane	9.17	93	42879	18.459	ug/l	100
47) Bromodichloromethane	9.37	83	86301	17.883	ug/l	99
48) Methyl methacrylate	9.17	41	63453	16.189	ug/l	94
49) 1,4-Dioxane	9.16	88	18401	327.152	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	401376	89.872	ug/l	99
52) Toluene	10.13	92	144488	18.520	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	86876	16.126	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	92936	16.354	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	58411	18.849	ug/l	97
56) Ethyl methacrylate	10.40	69	80528	16.646	ug/l	96
57) 1,3-Dichloropropane	10.68	76	99915	17.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	200544	79.022	ug/l	98
59) 2-Hexanone	10.72	43	284530	87.938	ug/l	98
60) Dibromochloromethane	10.87	129	61830	17.661	ug/l	100
61) 1,2-Dibromoethane	10.98	107	58795	18.262	ug/l	100
64) Tetrachloroethene	10.60	164	53171	19.786	ug/l	99
65) Chlorobenzene	11.41	112	148698	17.750	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	54156	17.635	ug/l	96
67) Ethyl Benzene	11.49	91	278518	17.654	ug/l	99
68) m/p-Xylenes	11.59	106	199664	35.102	ug/l	100
69) o-Xylene	11.92	106	96544	17.817	ug/l	99
70) Styrene	11.94	104	164552	18.109	ug/l	99
71) Bromoform	12.10	173	38996	17.046	ug/l #	96
73) Isopropylbenzene	12.23	105	262322	18.007	ug/l	100
74) N-amyl acetate	12.05	43	110211	15.982	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80909	17.937	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	106468	23.661	ug/l #	100
77) Bromobenzene	12.50	156	61627	18.806	ug/l	97
78) n-propylbenzene	12.57	91	294929	17.382	ug/l	100
79) 2-Chlorotoluene	12.65	91	181894	17.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	213654	17.588	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	23540	14.343	ug/l	92
82) 4-Chlorotoluene	12.75	91	191090	17.781	ug/l	100
83) tert-Butylbenzene	12.97	119	177582	17.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	217092	17.692	ug/l	99
85) sec-Butylbenzene	13.15	105	232712	17.340	ug/l	99
86) p-Isopropyltoluene	13.26	119	200052	16.900	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	110488	18.191	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	110413	17.880	ug/l	97
89) n-Butylbenzene	13.59	91	173491	15.901	ug/l	98
90) Hexachloroethane	13.85	117	36182	16.052	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109768	18.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17849	16.617	ug/l	98

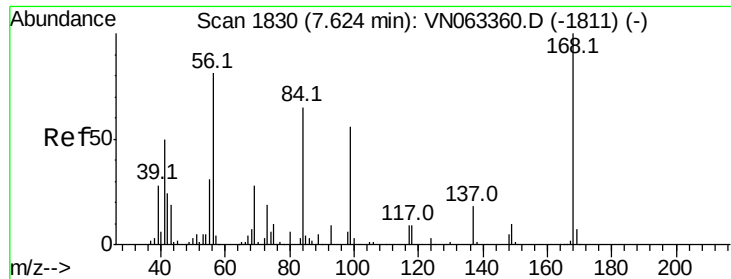
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063610.D
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Instrument :
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Quant Time: Sep 24 05:03:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : 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	56050	15.944	ug/l	98
94) Hexachlorobutadiene	14.98	225	27160	18.662	ug/l	97
95) Naphthalene	15.11	128	183900	15.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	55423	16.317	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

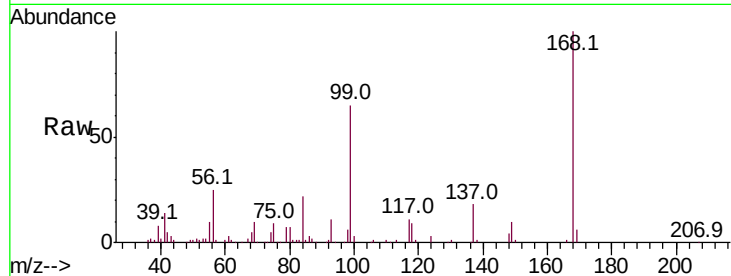
VN0923WBS02

Tot Ion:168 Resp: 238595

Ion Ratio Lower Upper

168 100

99 64.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

60000

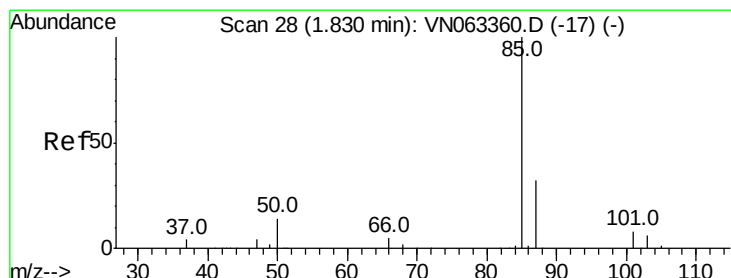
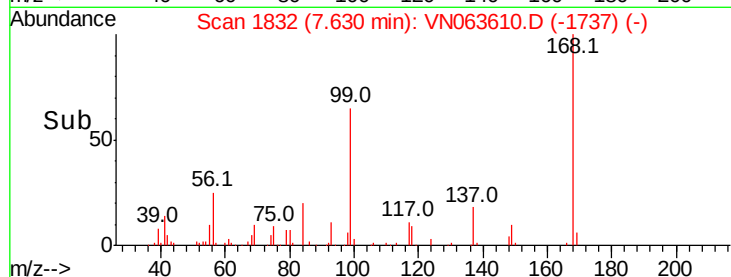
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.516 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063610.D

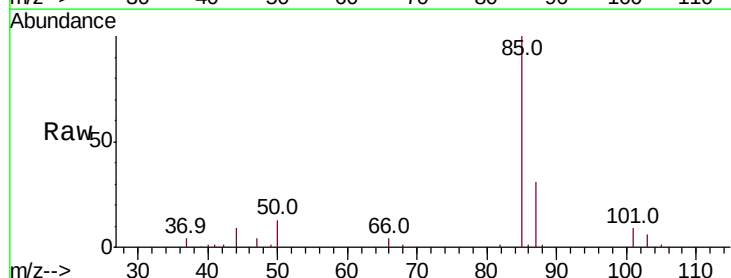
Acq: 24 Sep 2020 00:53

Tgt Ion: 85 Resp: 47347

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

40000

30000

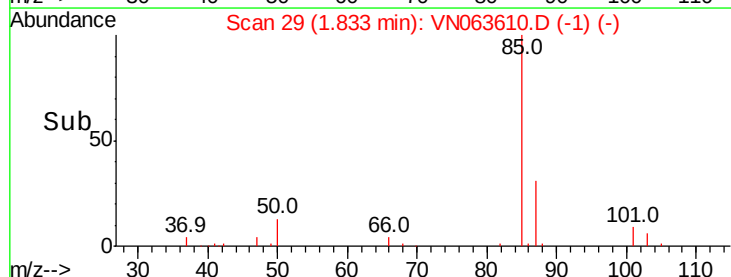
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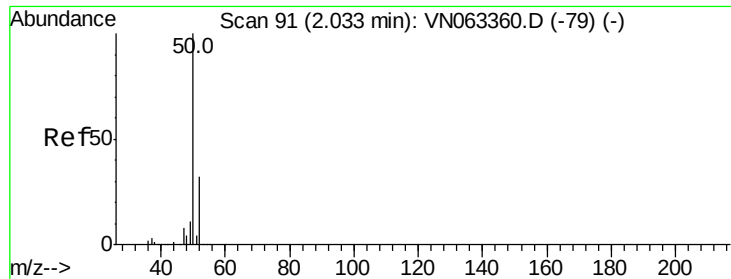
10000

0

1.80 1.85 1.90

Time-->

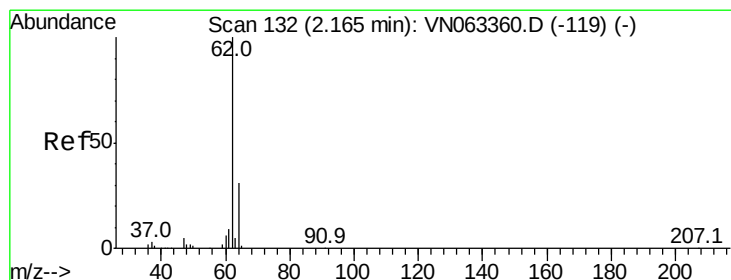
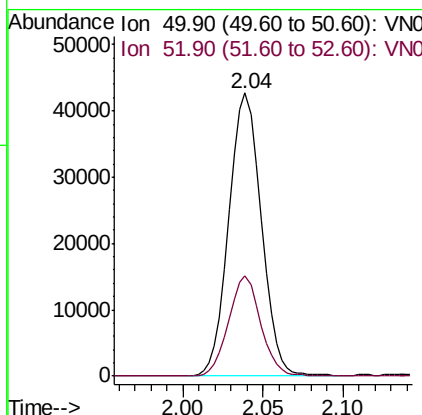
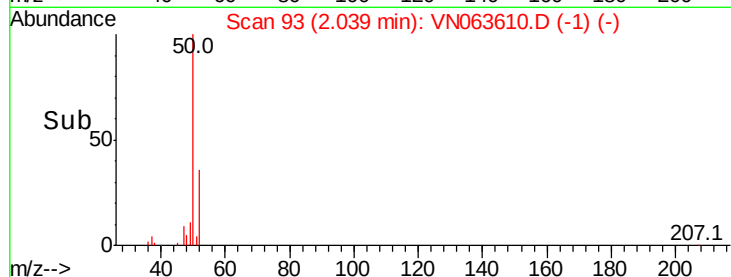
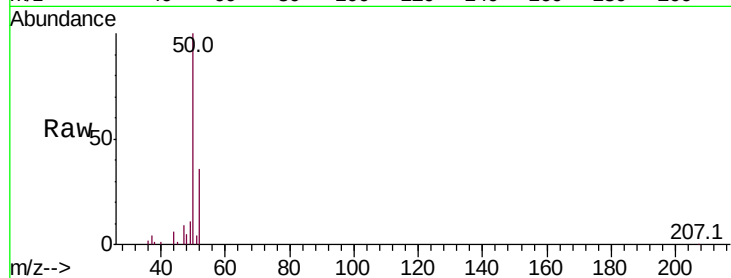




#3
Chloromethane
Concen: 16.454 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

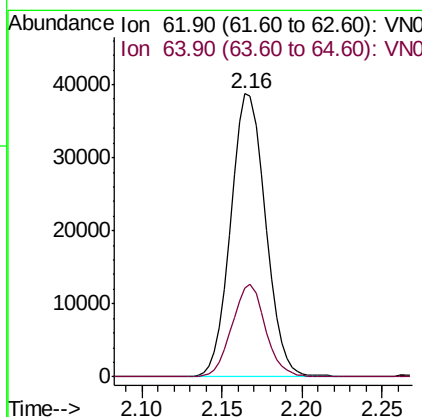
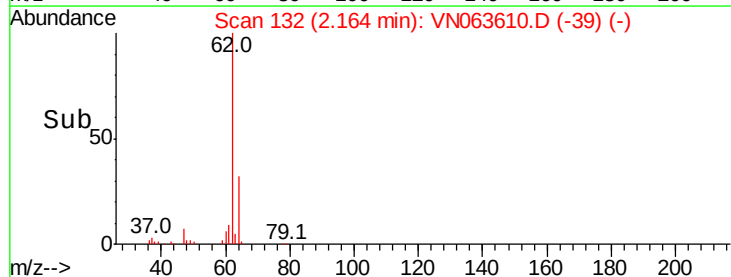
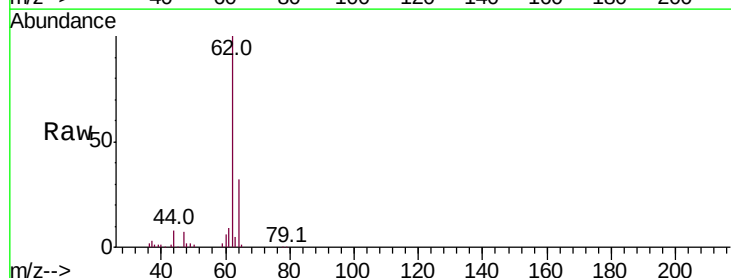
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

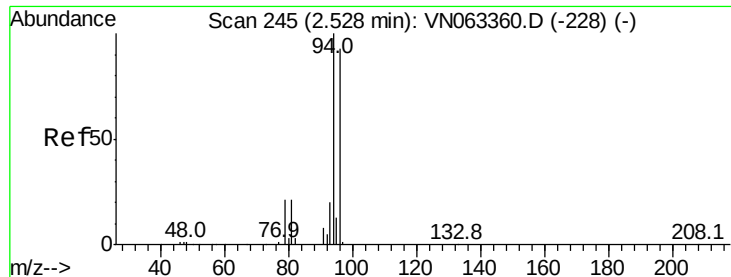
Tot Ion: 50 Resp: 58836
Ion Ratio Lower Upper
50 100
52 35.7 25.9 38.9



#4
Vinyl Chloride
Concen: 18.184 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 62 Resp: 57611
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5

Bromomethane

Concen: 20.201 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

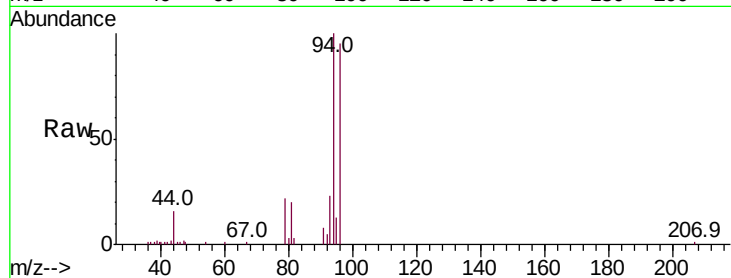
VN0923WBS02

Tot Ion: 94 Resp: 38000

Ion Ratio Lower Upper

94 100

96 94.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

15000

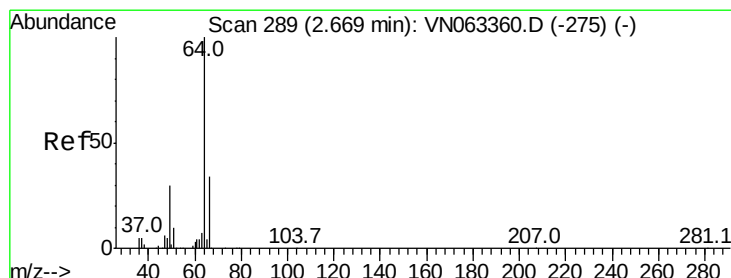
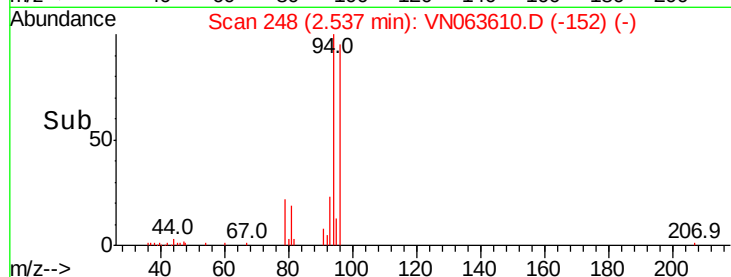
10000

5000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 18.878 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063610.D

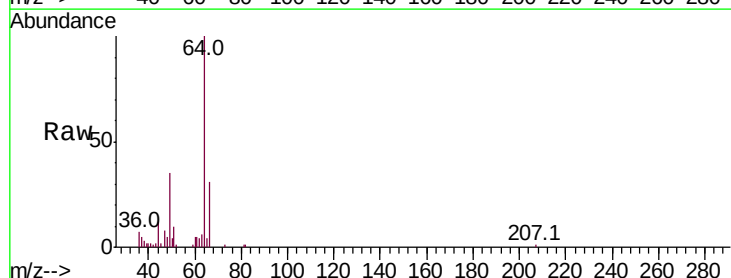
Acq: 24 Sep 2020 00:53

Tgt Ion: 64 Resp: 36713

Ion Ratio Lower Upper

64 100

66 31.1 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

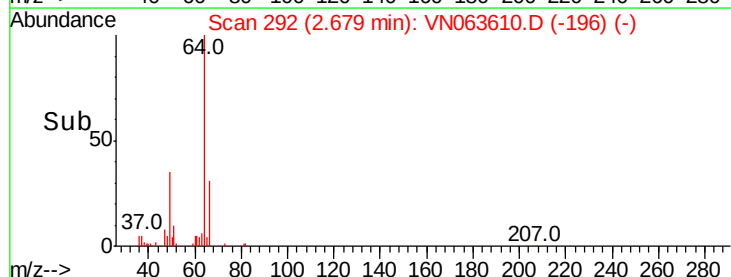
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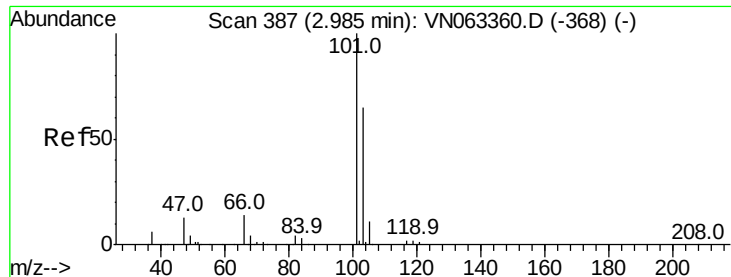
5000

0

2.60 2.65 2.70 2.75

Time-->



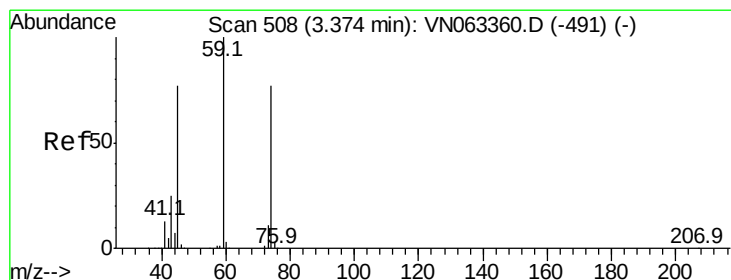
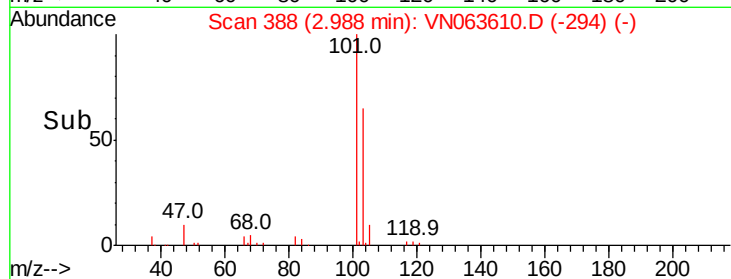
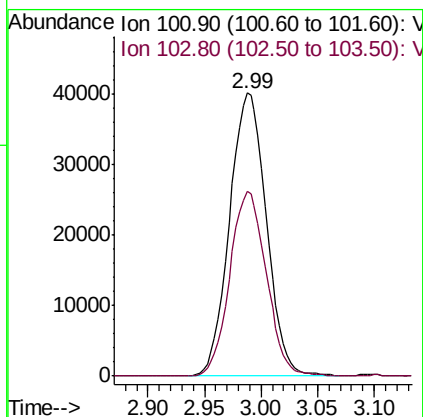
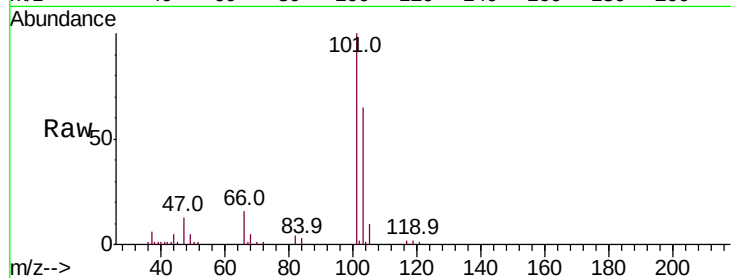


#7

Trichlorofluoromethane
 Concen: 19.270 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

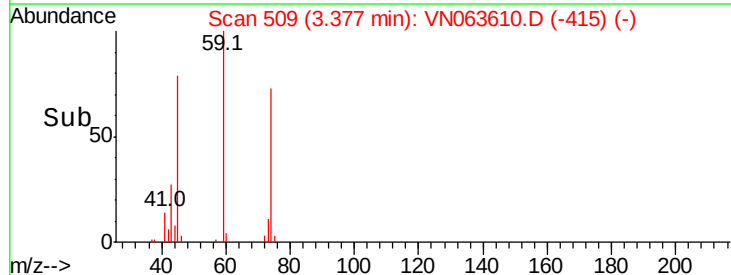
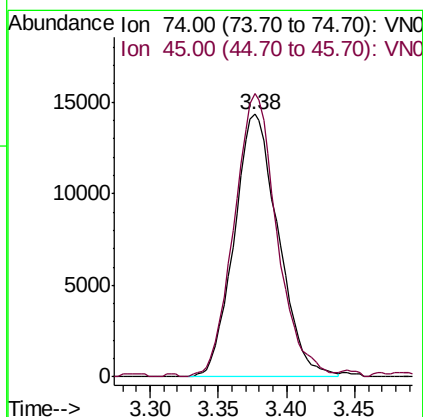
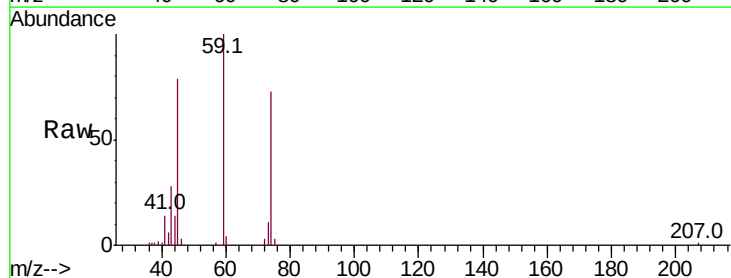
Tot Ion:101 Resp: 91087
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

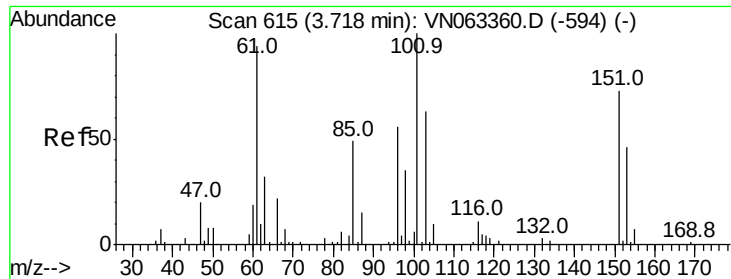


#8

Diethyl Ether
 Concen: 17.486 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion: 74 Resp: 32221
 Ion Ratio Lower Upper
 74 100
 45 104.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.773 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

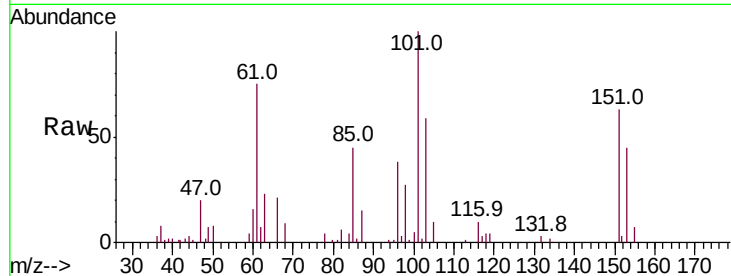
Tot Ion:101 Resp: 49903

Ion Ratio Lower Upper

101 100

85 46.8 37.7 56.5

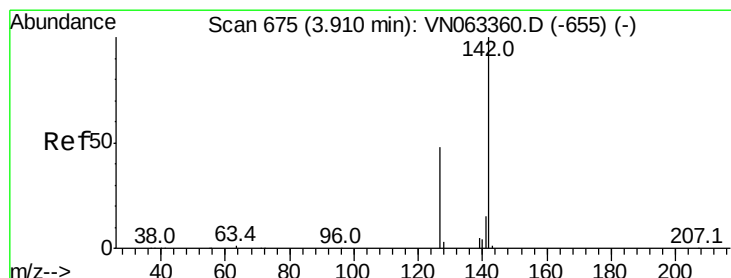
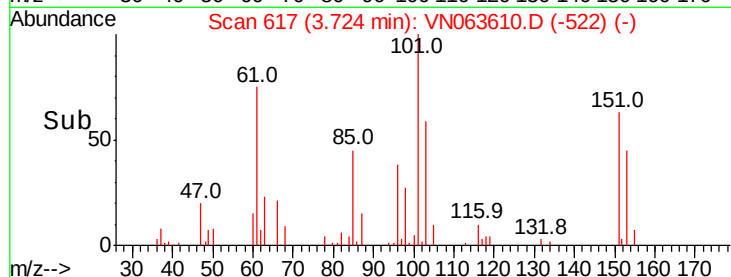
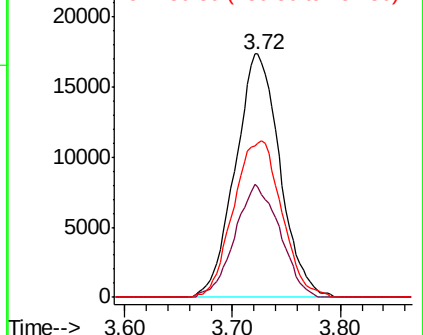
151 69.5 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.486 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

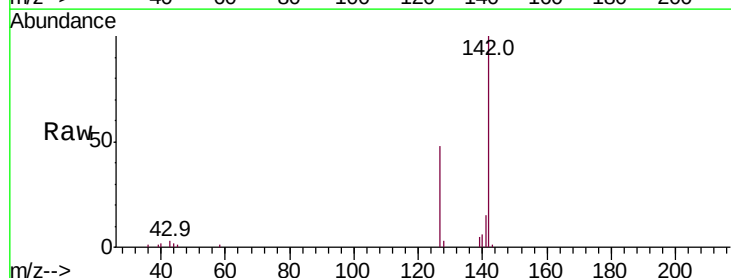
Tgt Ion:142 Resp: 57057

Ion Ratio Lower Upper

142 100

127 51.1 39.0 58.6

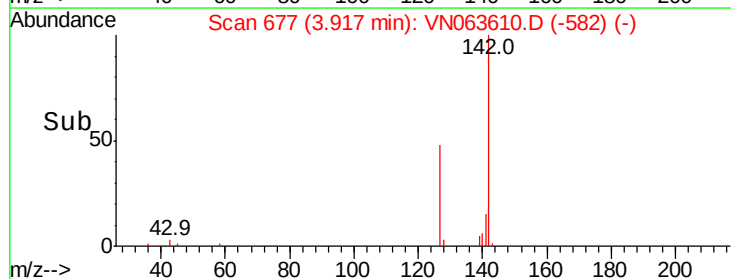
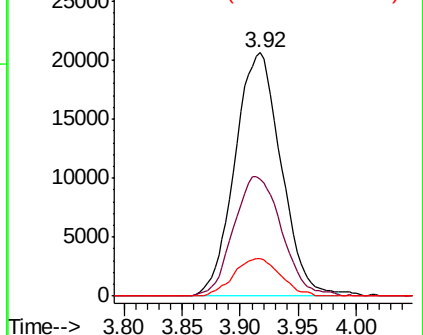
141 15.6 11.6 17.4

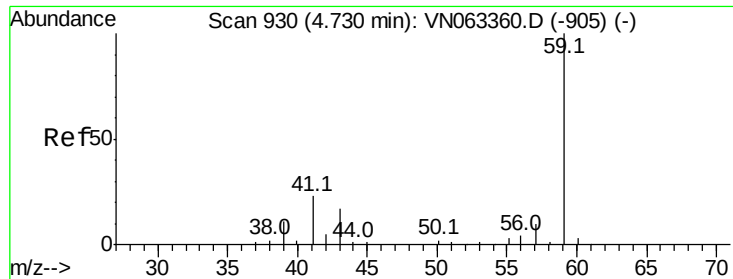


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

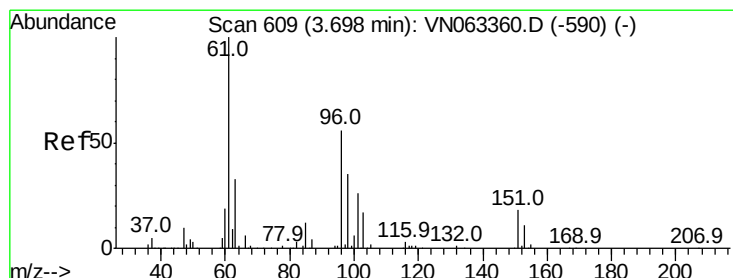
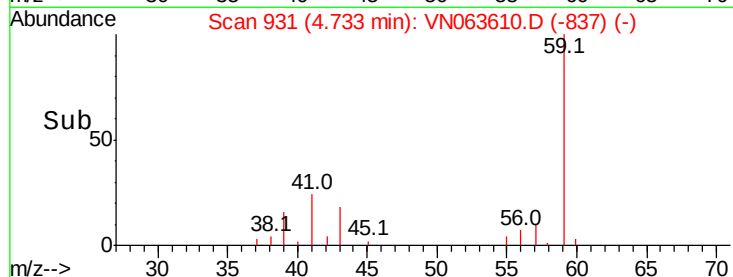
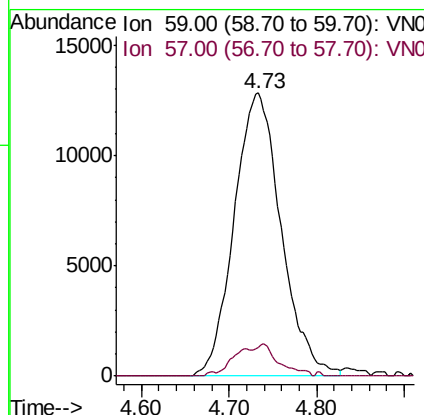
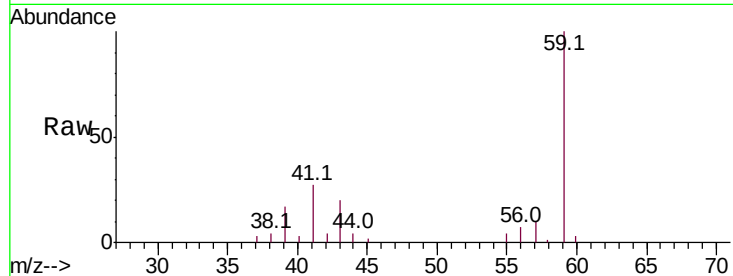




#11
Tert butyl alcohol
Concen: 84.885 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

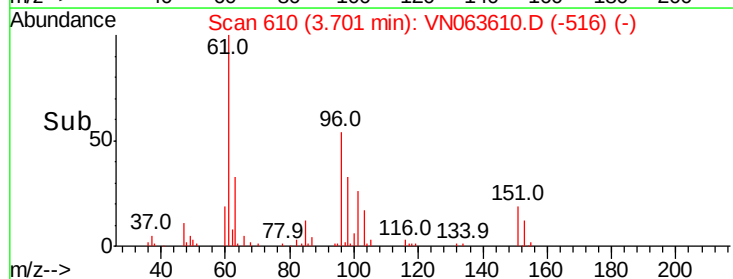
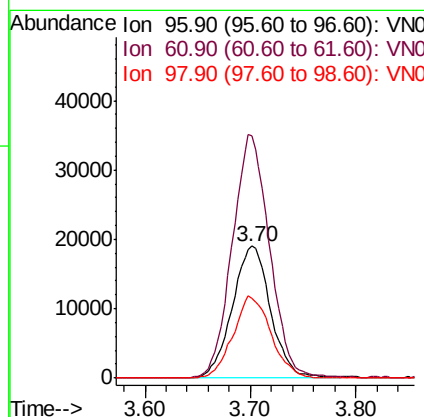
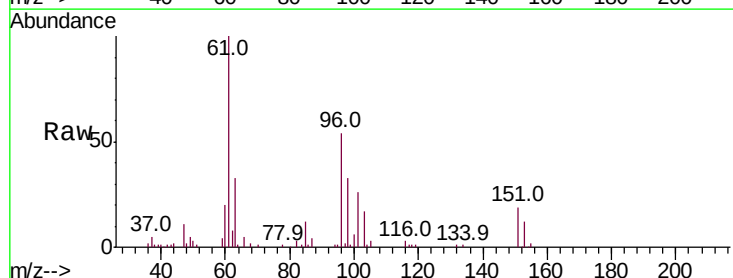
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

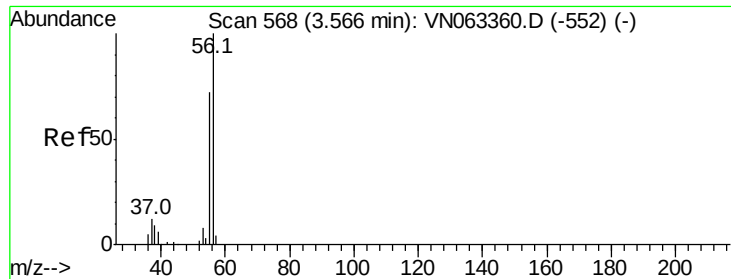
Tot Ion: 59 Resp: 47762
Ion Ratio Lower Upper
59 100
57 3.7 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 17.756 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 96 Resp: 47807
Ion Ratio Lower Upper
96 100
61 183.5 143.4 215.2
98 60.8 50.6 76.0





#13

Acrolein

Concen: 70.580 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

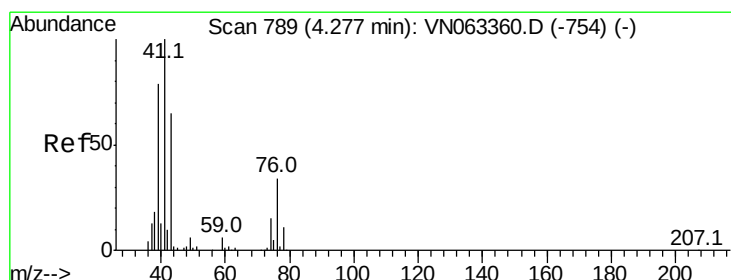
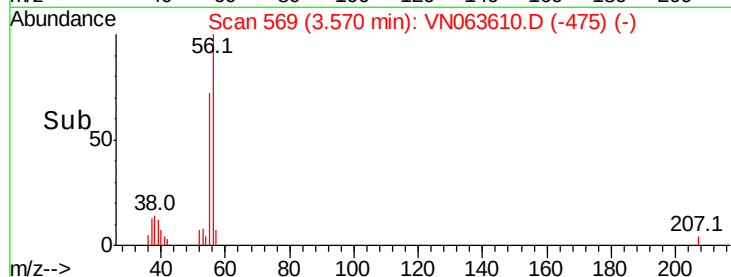
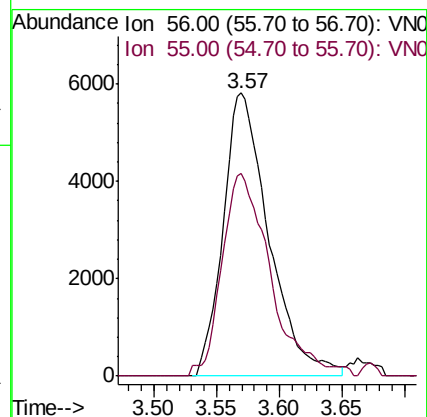
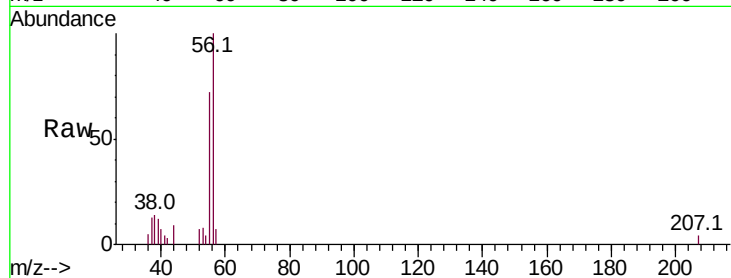
VN0923WBS02

Tot Ion: 56 Resp: 14717

Ion Ratio Lower Upper

56 100

55 75.4 58.2 87.2



#14

Allyl chloride

Concen: 15.987 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

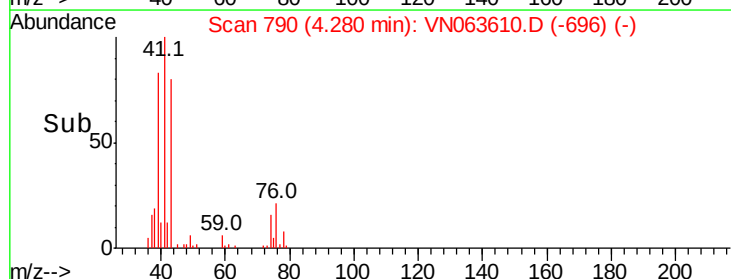
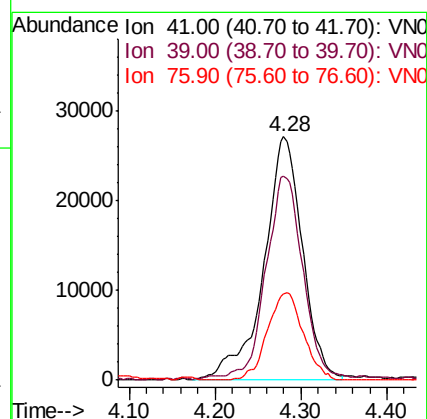
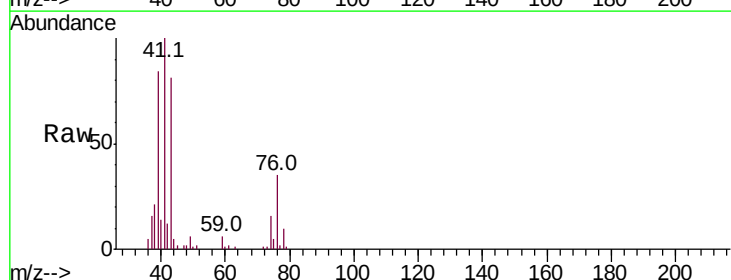
Tgt Ion: 41 Resp: 85147

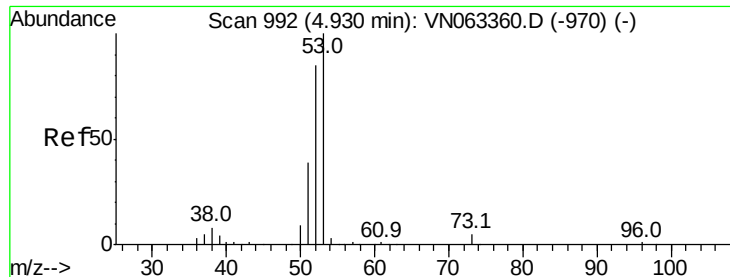
Ion Ratio Lower Upper

41 100

39 78.1 59.3 88.9

76 33.2 25.3 37.9





#15

Acrylonitrile

Concen: 88.645 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

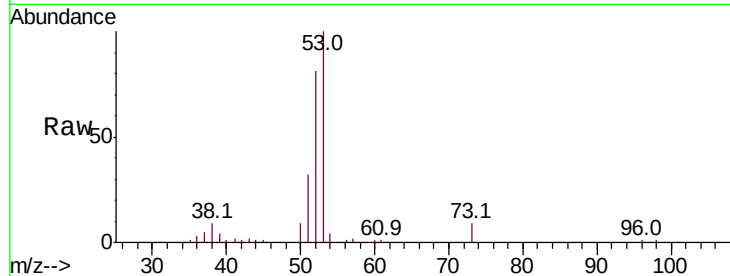
Tot Ion: 53 Resp: 126872

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

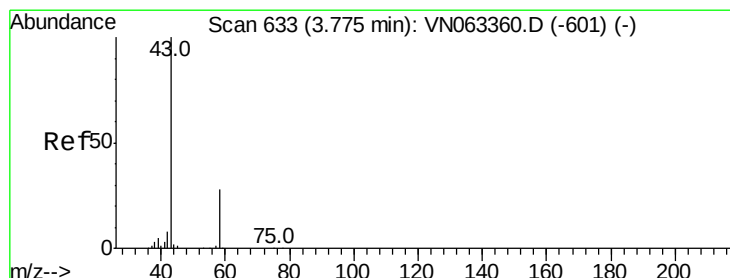
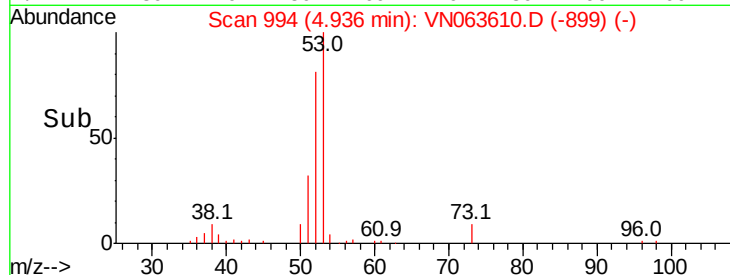
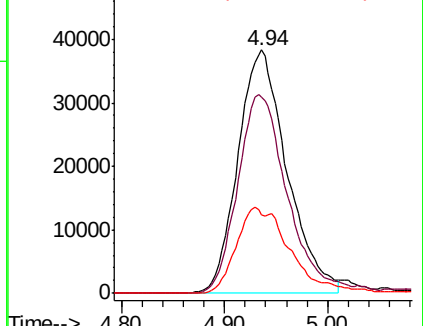
51 20.2 30.2 45.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.824 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063610.D

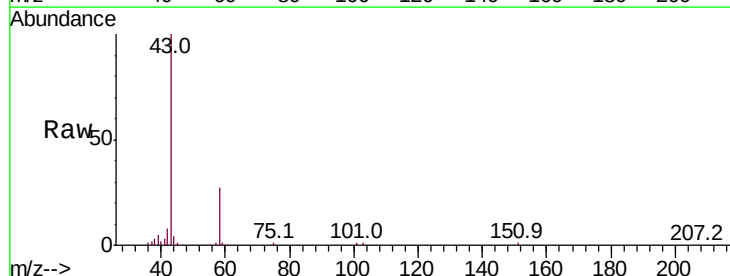
Acq: 24 Sep 2020 00:53

Tgt Ion: 43 Resp: 117247

Ion Ratio Lower Upper

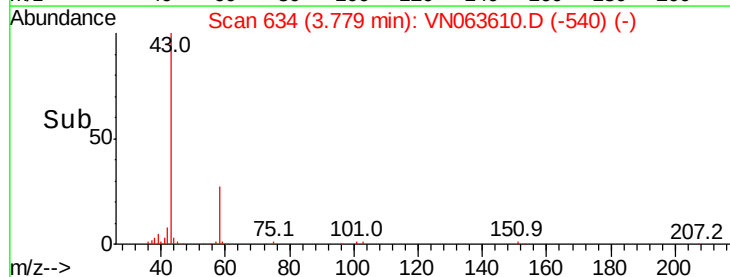
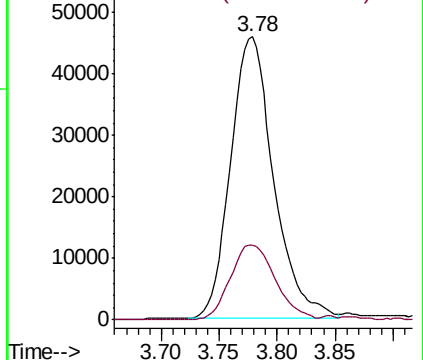
43 100

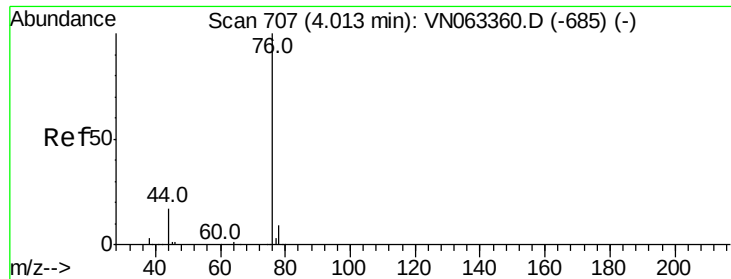
58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

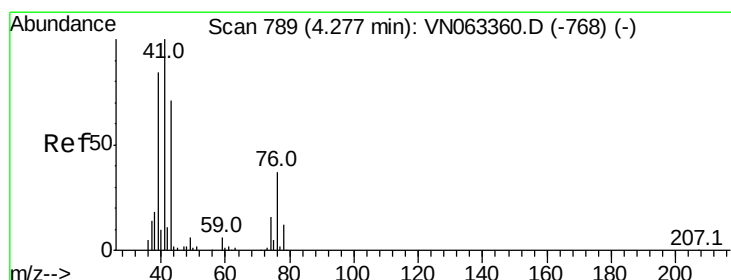
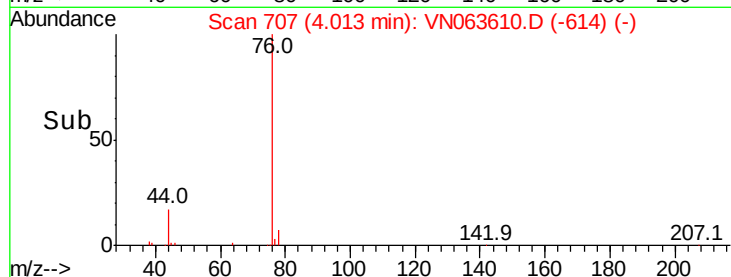
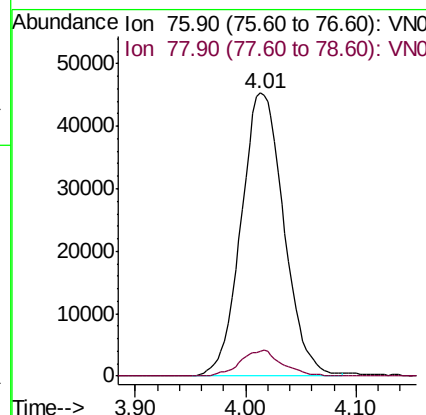
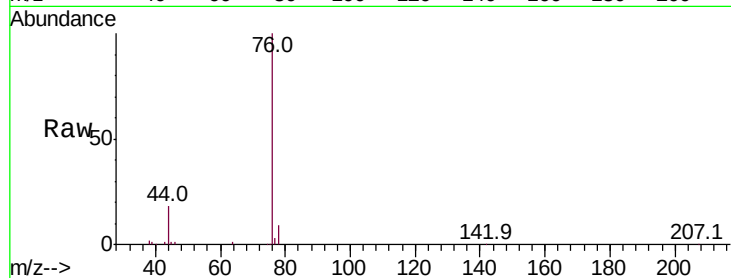




#17
Carbon Disulfide
Concen: 15.527 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

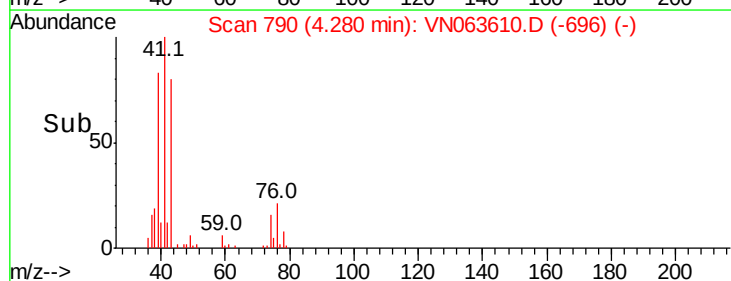
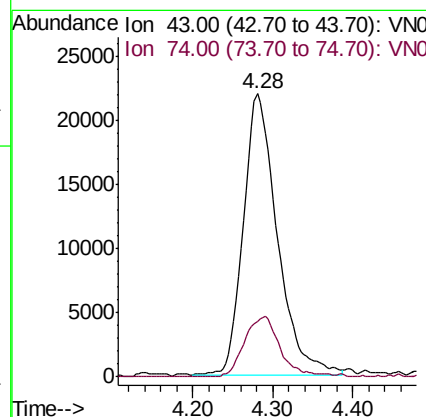
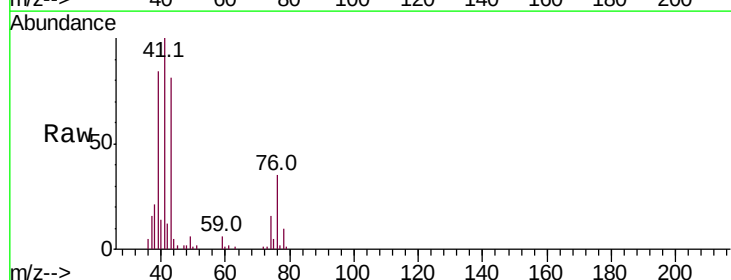
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

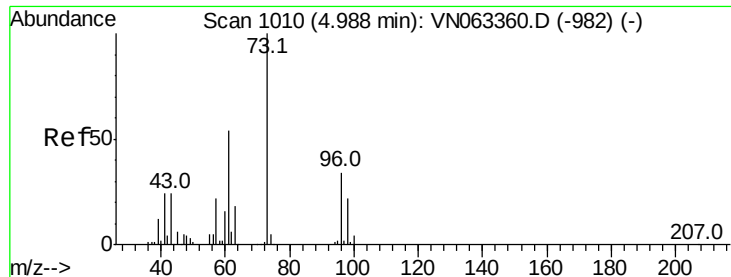
Tot Ion: 76 Resp: 121602
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 18.932 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 43 Resp: 62735
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2



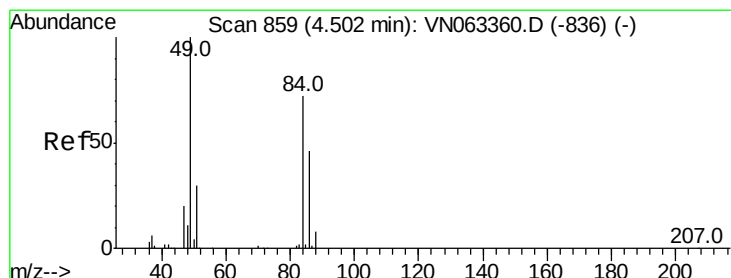
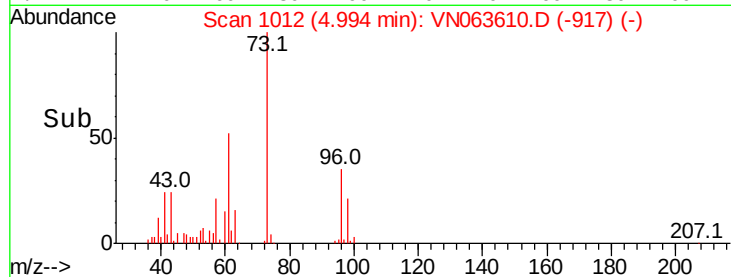
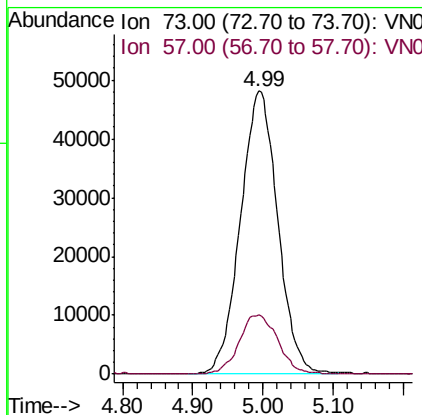
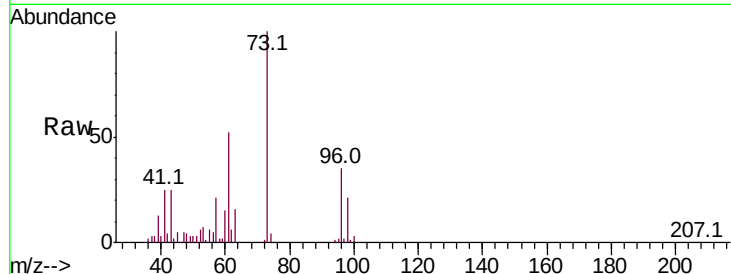


#19

Methvl tert-butvl Ether
 Concen: 17.704 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

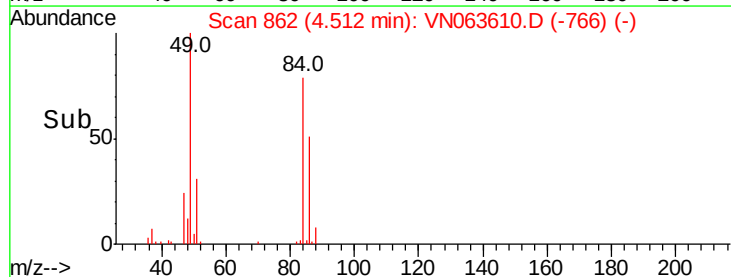
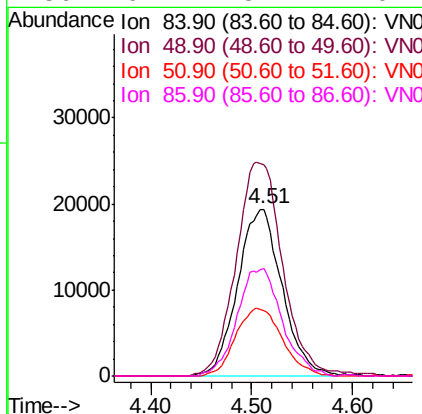
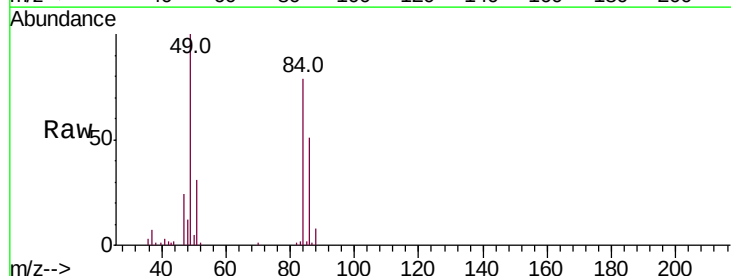
Tot Ion: 73 Resp: 177664
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.9 26.9

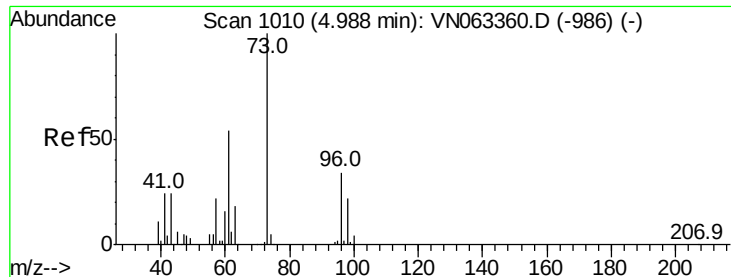


#20

Methylene Chloride
 Concen: 17.911 ug/l
 RT: 4.51 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion: 84 Resp: 59234
 Ion Ratio Lower Upper
 84 100
 49 126.4 110.7 166.1
 51 39.3 32.9 49.3
 86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.860 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

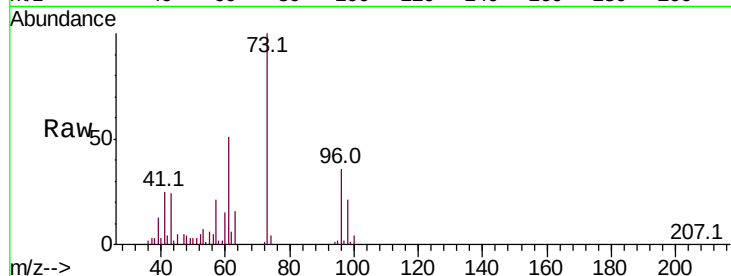
Tot Ion: 96 Resp: 53278

Ion Ratio Lower Upper

96 100

61 141.8 126.2 189.4

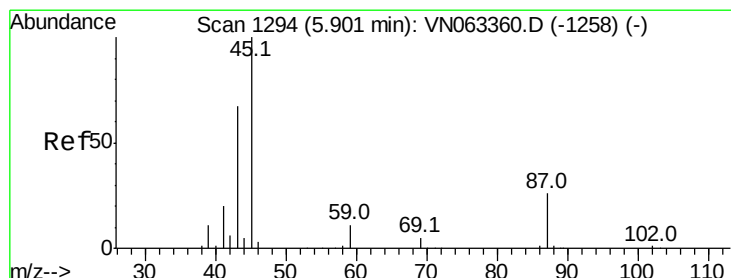
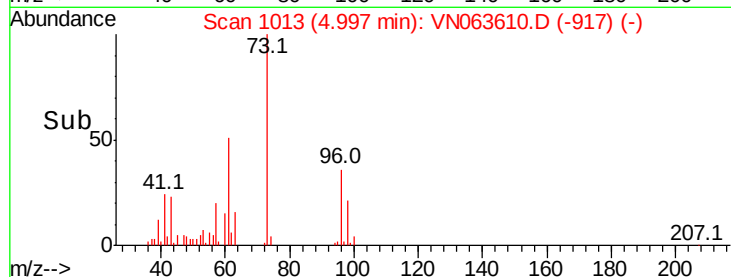
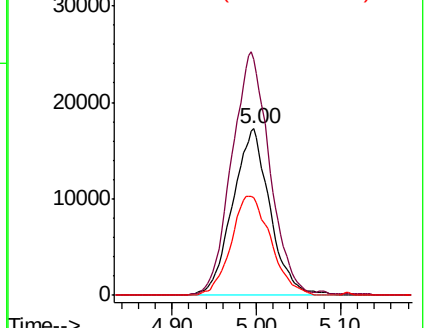
98 58.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.610 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion: 45 Resp: 191274

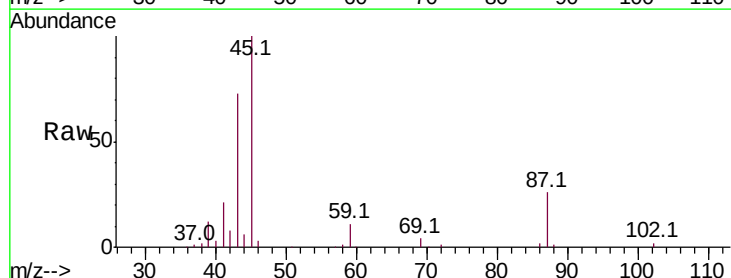
Ion Ratio Lower Upper

45 100

43 70.4 53.5 80.3

87 26.1 21.2 31.8

59 10.7 8.8 13.2

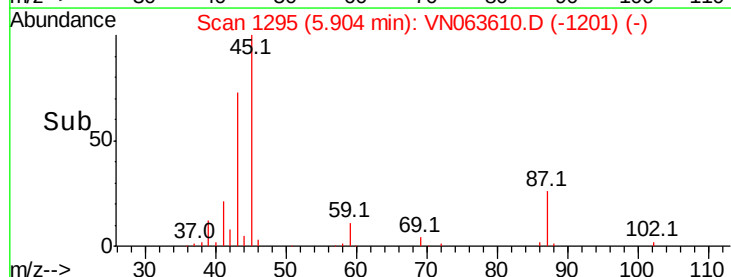
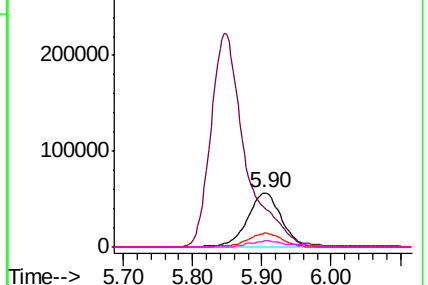


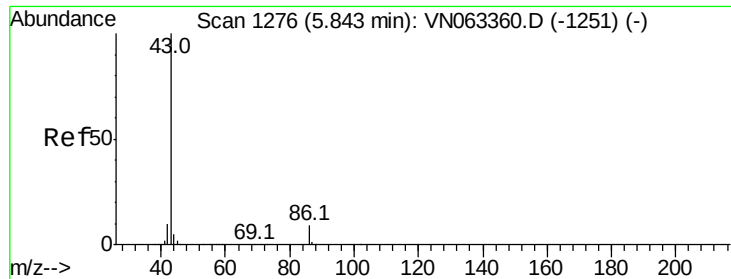
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 86.729 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

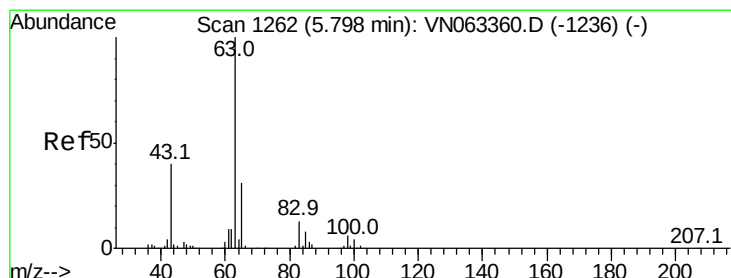
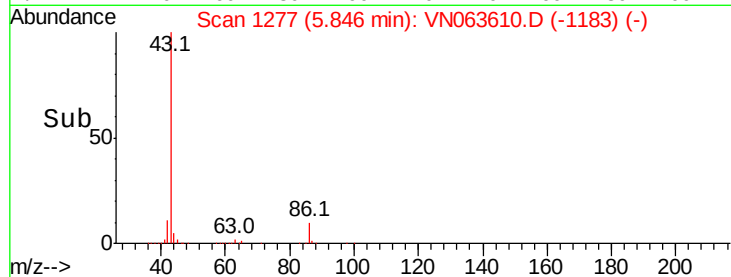
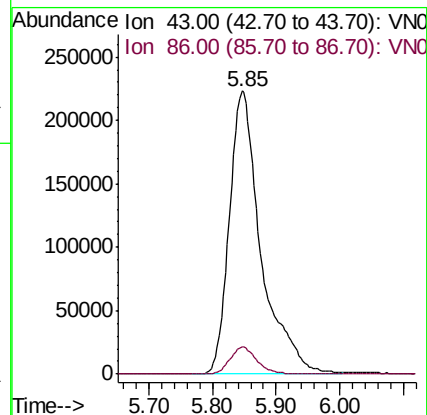
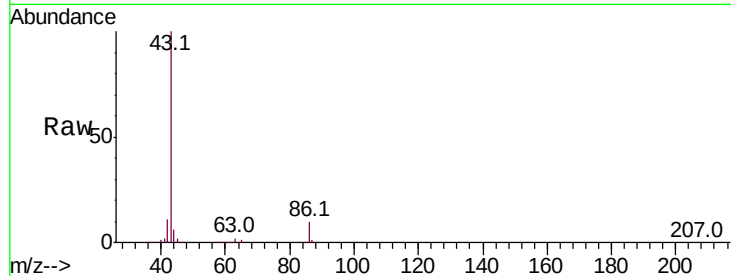
VN0923WBS02

Tot Ion: 43 Resp: 773675

Ion Ratio Lower Upper

43 100

86 9.7 7.1 10.7



#24

1,1-Dichloroethane

Concen: 18.172 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

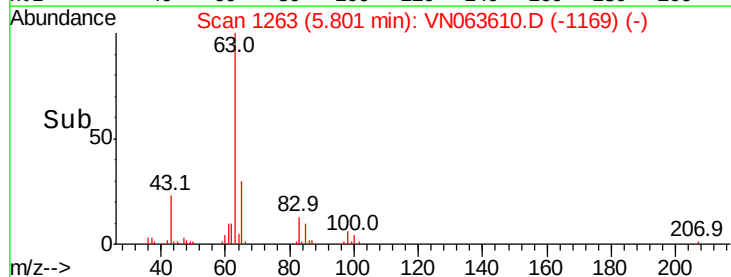
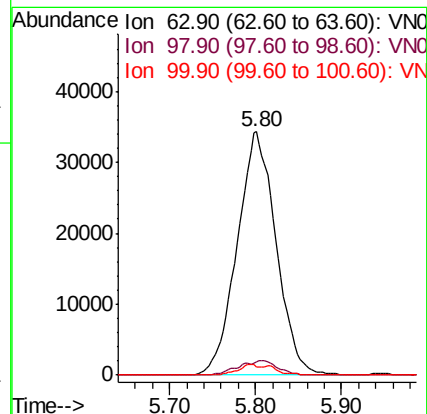
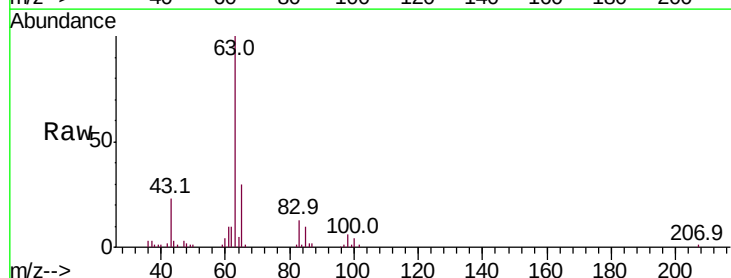
Tgt Ion: 63 Resp: 107764

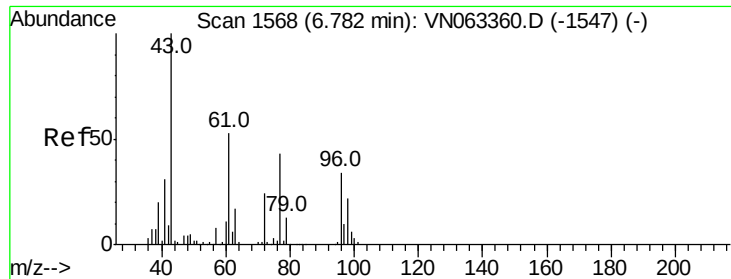
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.6 2.1 6.3





#25

2-Butanone

Concen: 88.363 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampled :

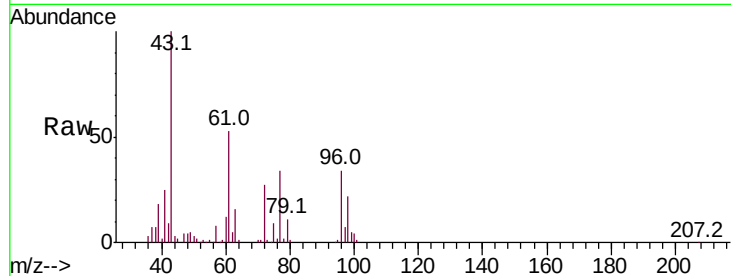
VN0923WBS02

Tot Ion: 43 Resp: 177391

Ion Ratio Lower Upper

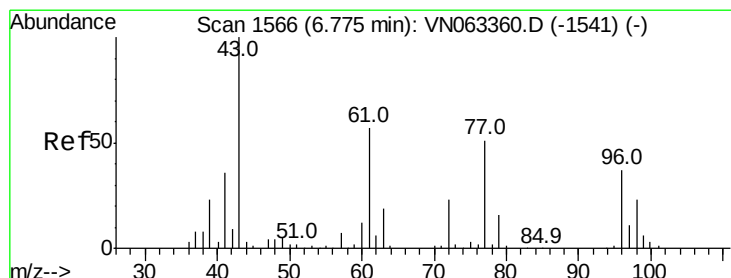
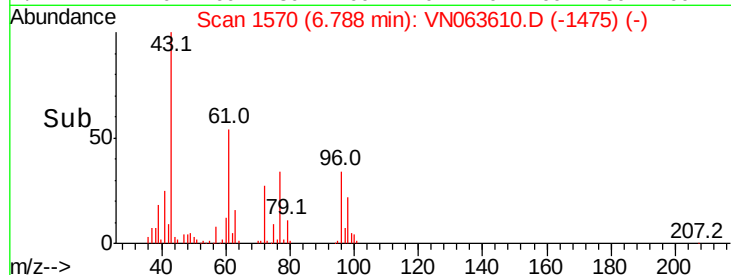
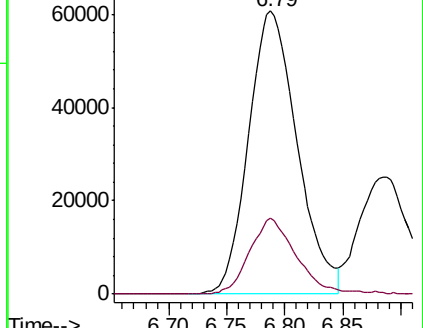
43 100

72 26.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 13.682 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN063610.D

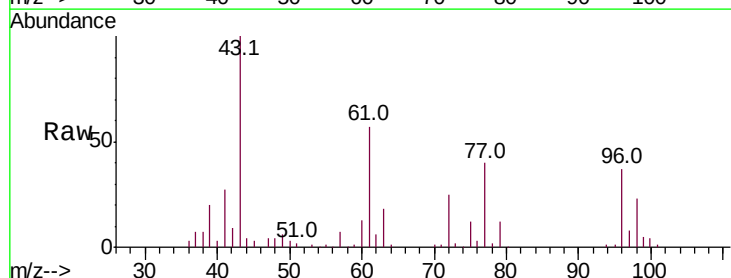
Acq: 24 Sep 2020 00:53

Tgt Ion: 77 Resp: 71435

Ion Ratio Lower Upper

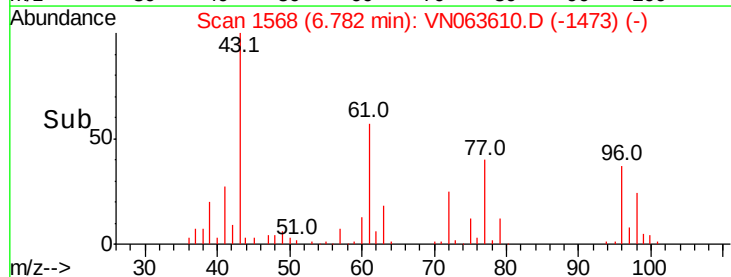
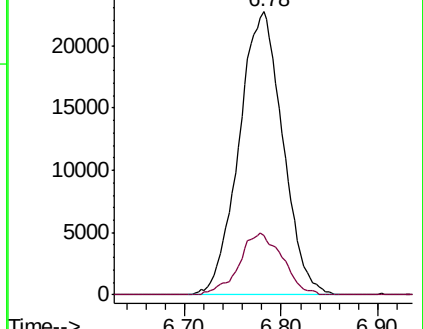
77 100

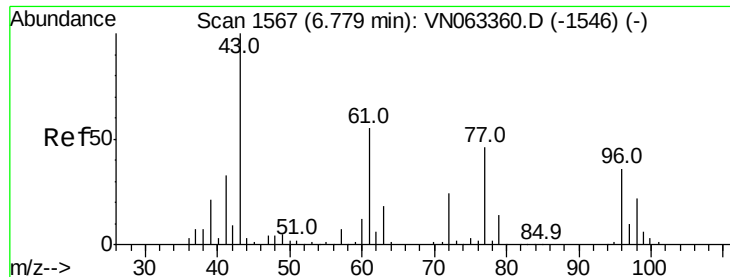
97 21.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.197 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

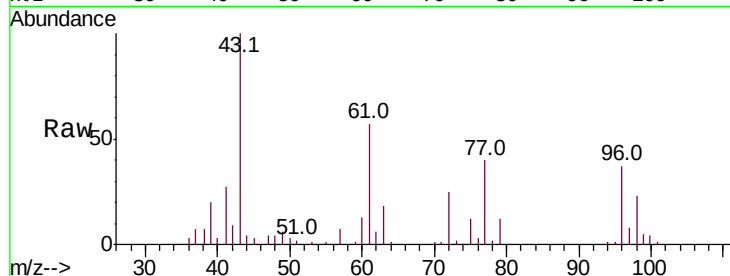
Tot Ion: 96 Resp: 61441

Ion Ratio Lower Upper

96 100

61 160.1 0.0 319.6

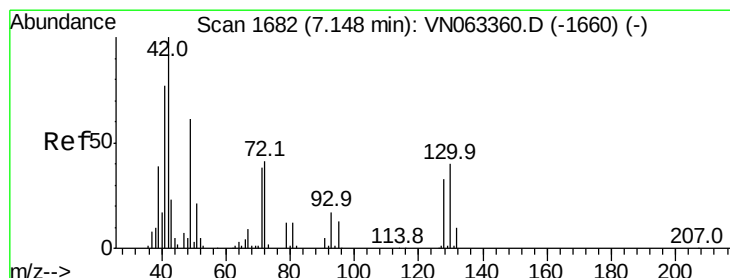
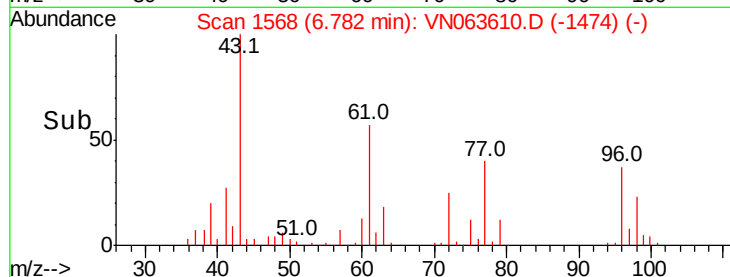
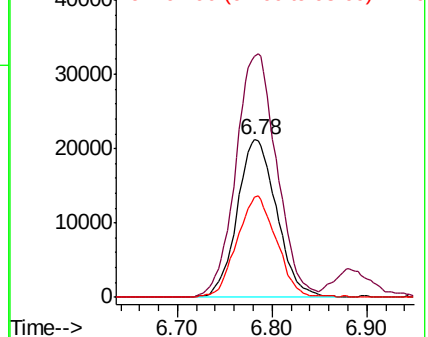
98 64.3 0.0 127.8



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: 18.458 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

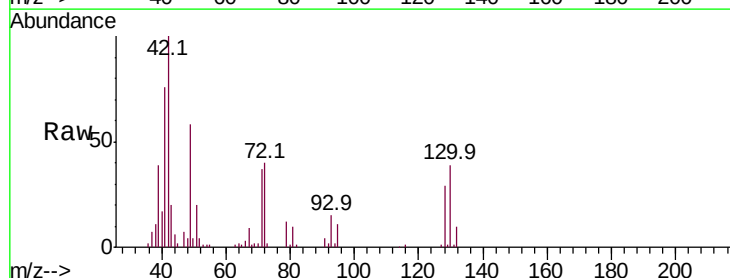
Tgt Ion: 49 Resp: 50539

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

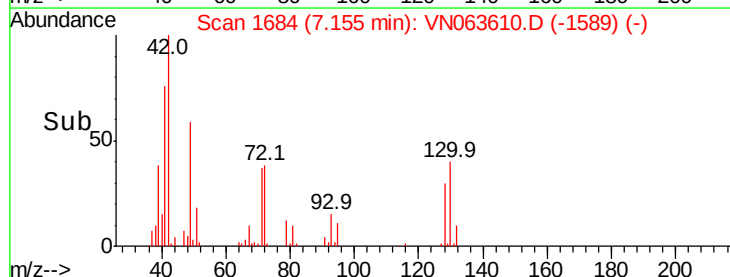
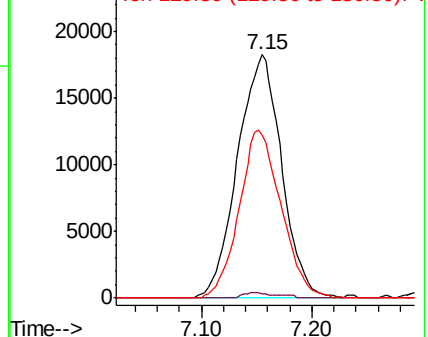
130 65.8 52.2 78.2

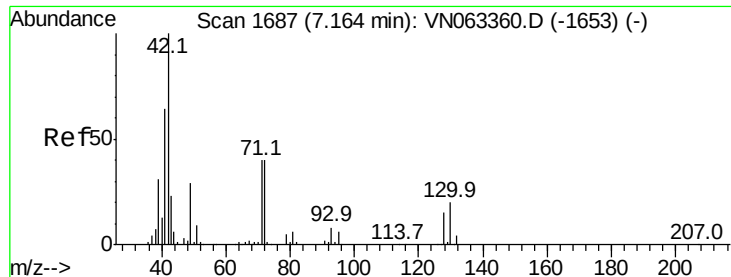


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 86.809 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS02

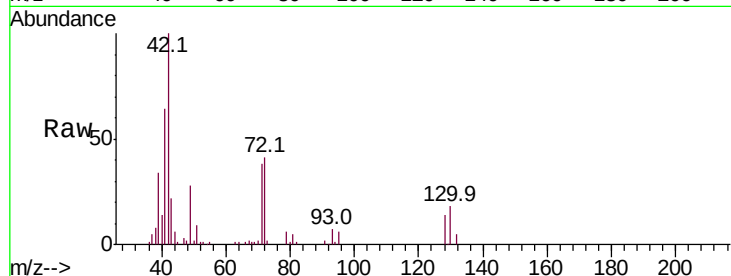
Tot Ion: 42 Resp: 119024

Ion Ratio Lower Upper

42 100

72 40.8 32.1 48.1

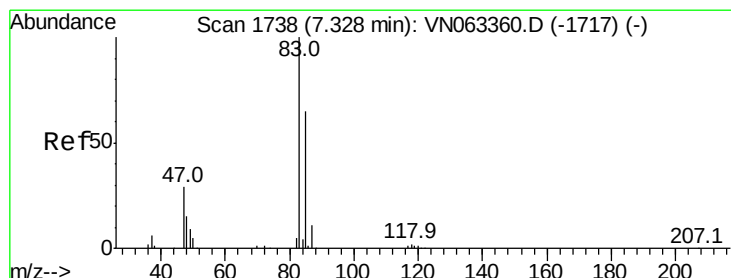
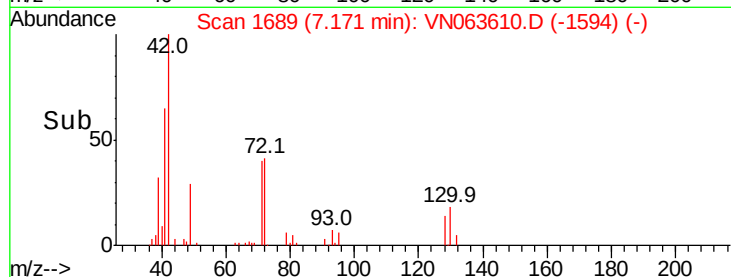
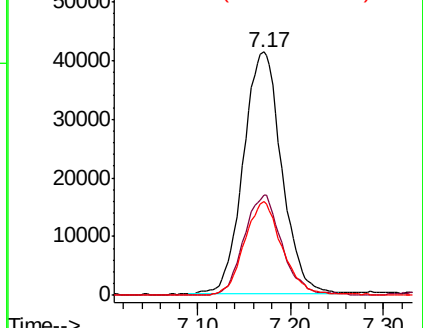
71 38.0 31.2 46.8



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: 18.982 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063610.D

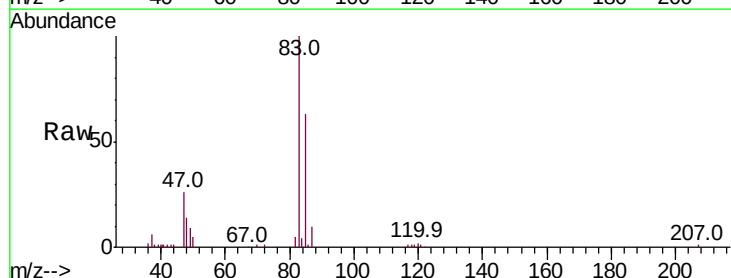
Acq: 24 Sep 2020 00:53

Tgt Ion: 83 Resp: 112937

Ion Ratio Lower Upper

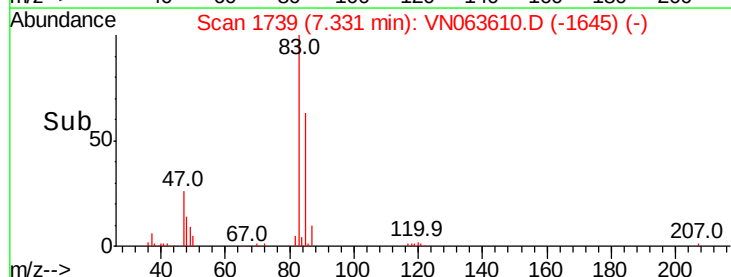
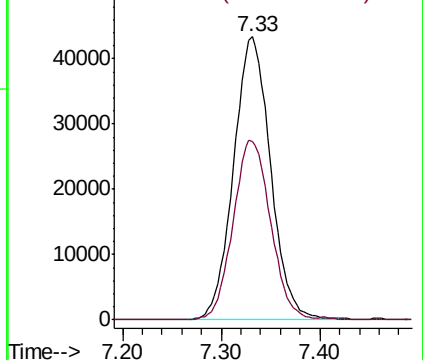
83 100

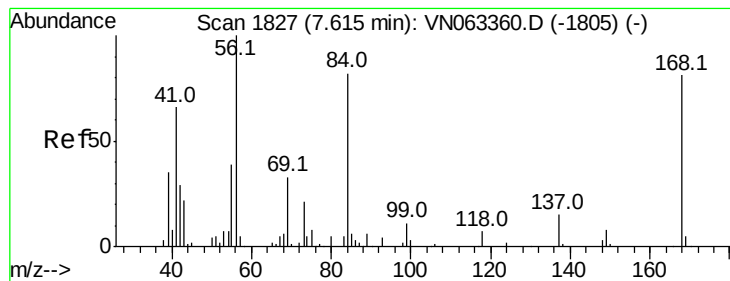
85 63.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.088 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

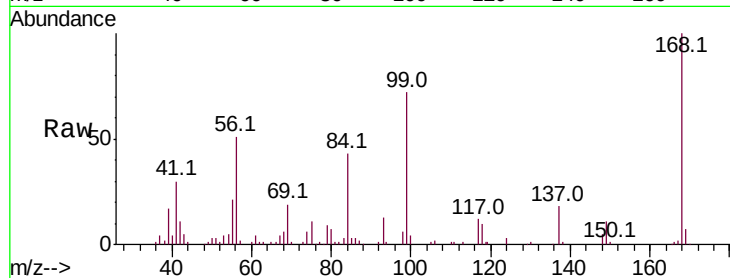
Tot Ion: 56 Resp: 90245

Ion Ratio Lower Upper

56 100

69 38.3 26.1 39.1

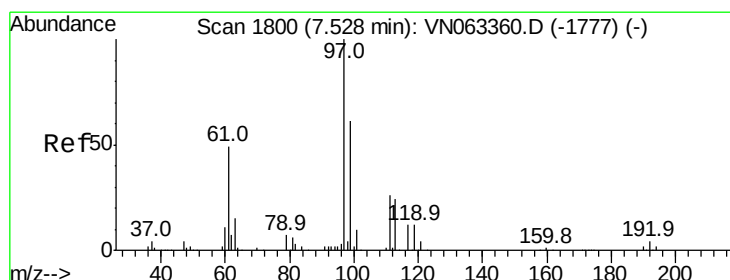
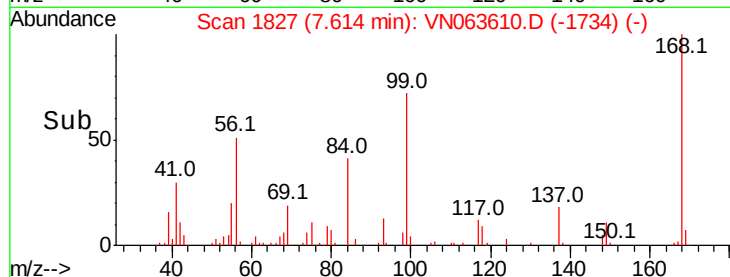
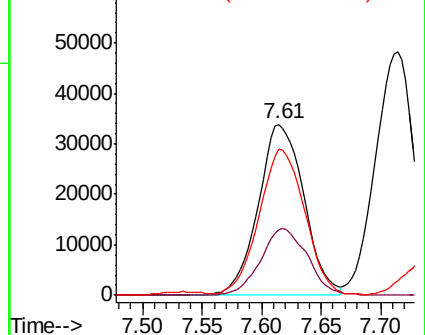
84 83.8 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.391 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

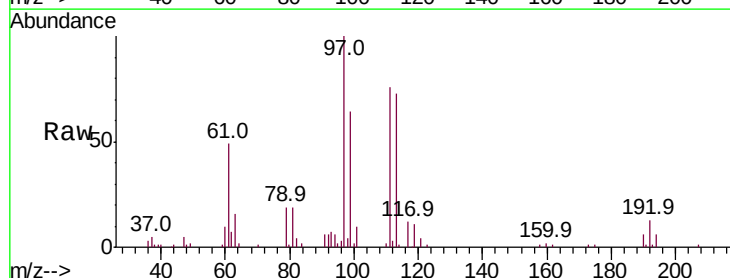
Tgt Ion: 97 Resp: 97323

Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

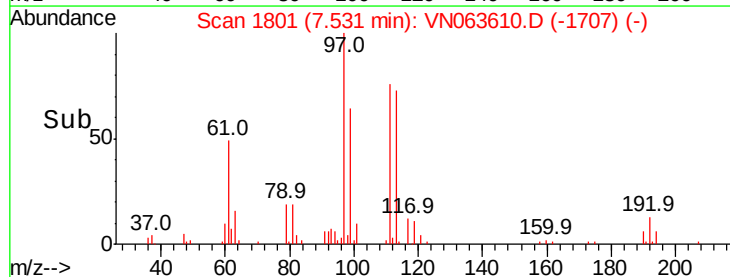
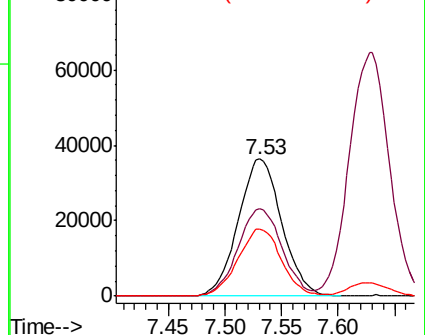
61 49.1 39.2 58.8

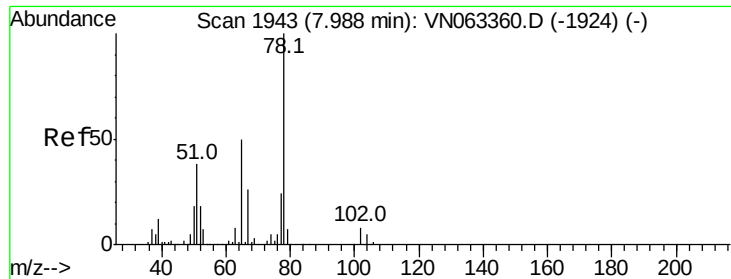


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

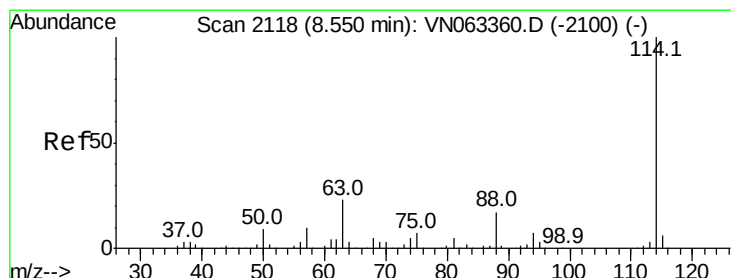
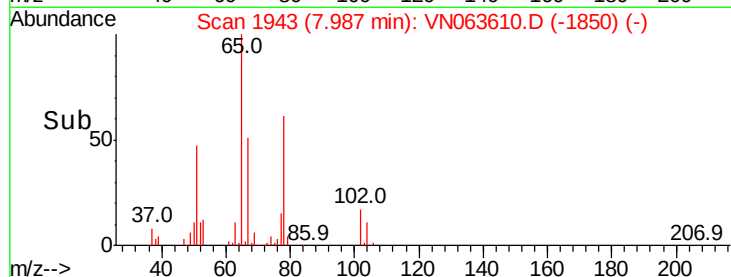
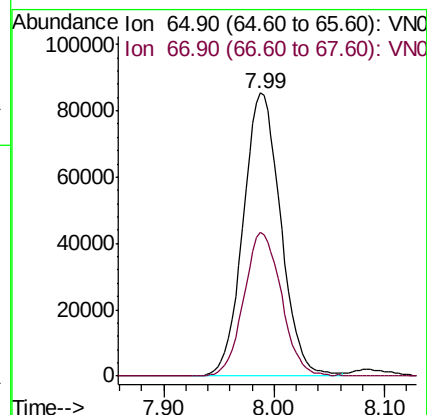
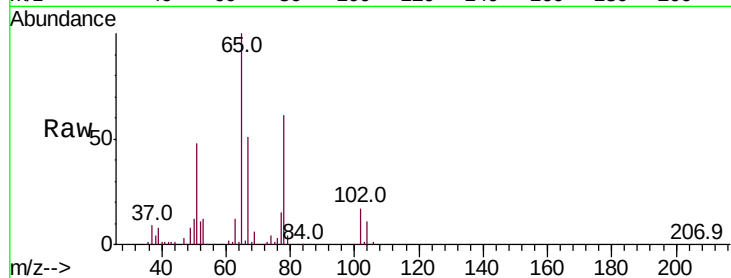




#33
 1,2-Dichloroethane-d4
 Concen: 49.564 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

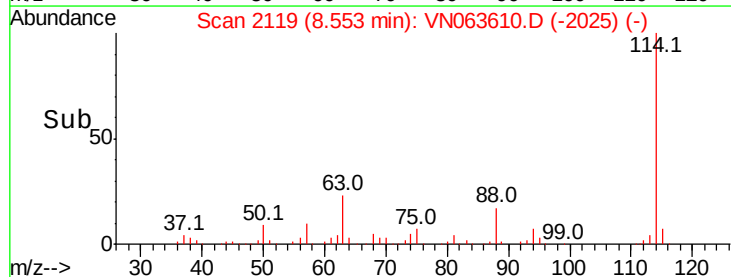
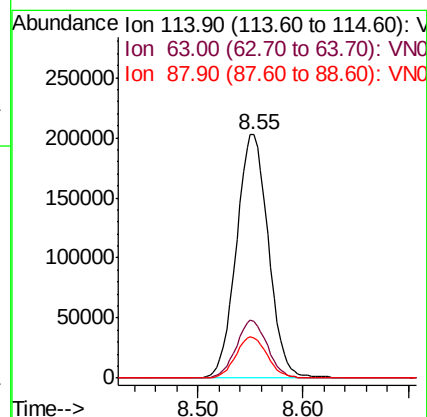
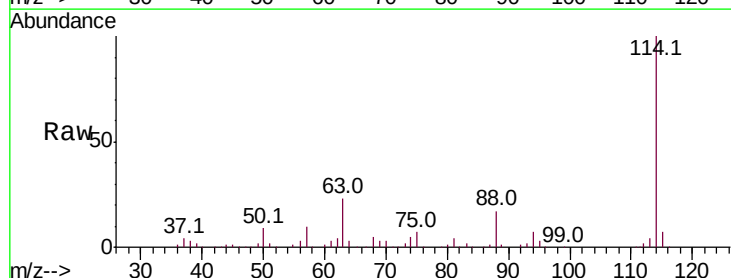
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

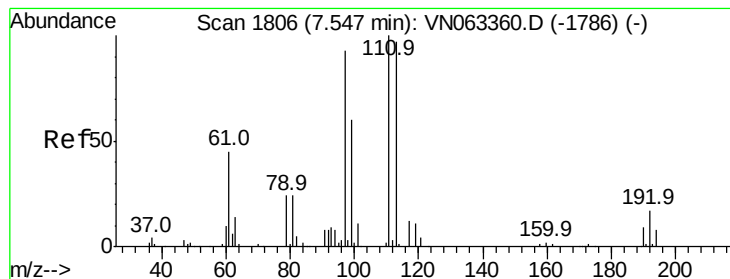
Tot Ion: 65 Resp: 201303
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion: 114 Resp: 426687
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.454 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

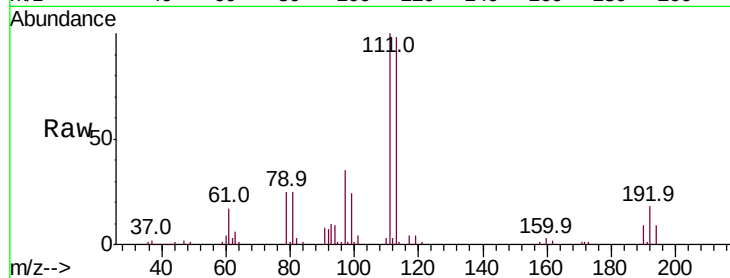
Tot Ion:113 Resp: 140173

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

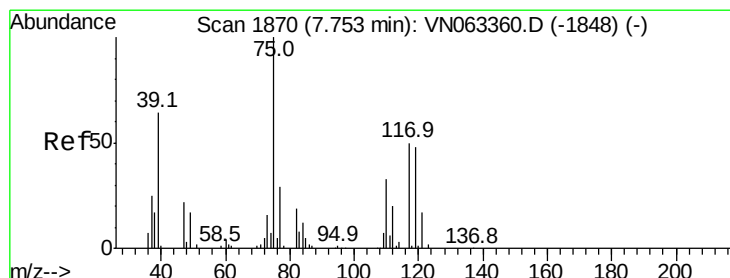
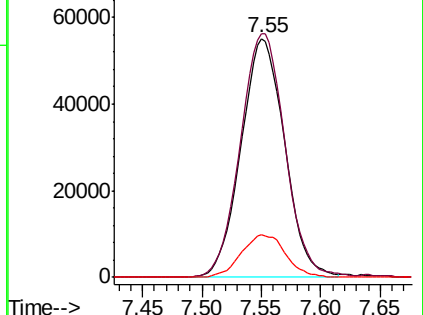
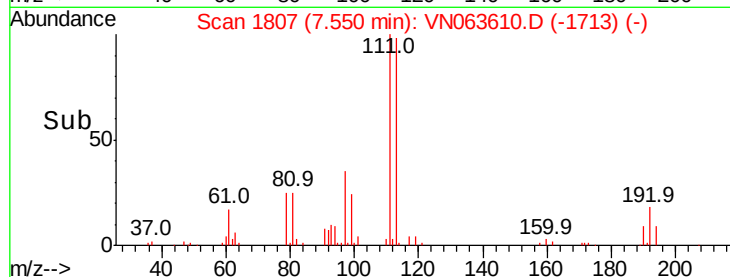
192 18.2 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.013 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

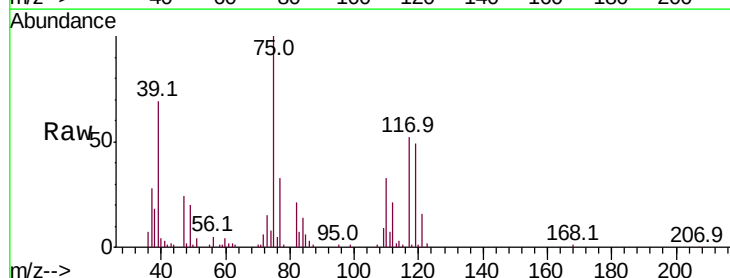
Tgt Ion: 75 Resp: 77337

Ion Ratio Lower Upper

75 100

110 34.2 16.5 49.5

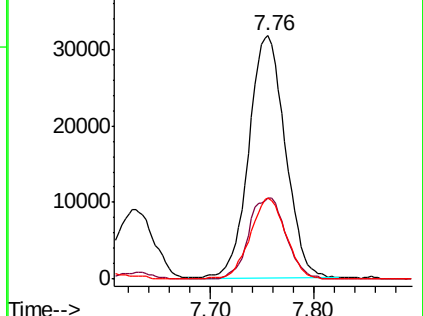
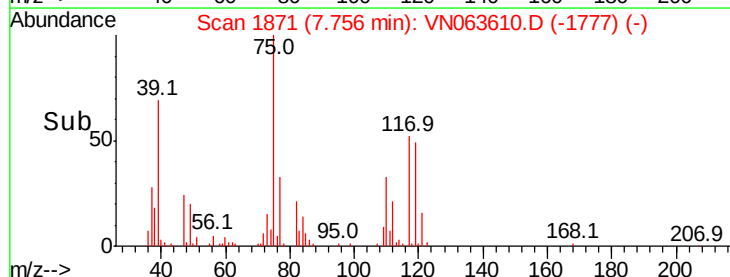
77 32.8 24.6 36.8

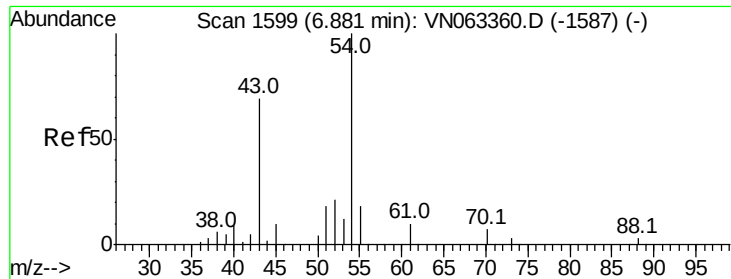


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 16.448 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.00 min

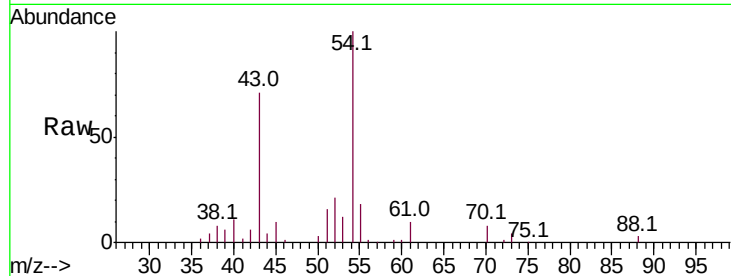
Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tot Ion: 43 Resp: 73382

Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	15.8
70	9.4	7.2	10.8

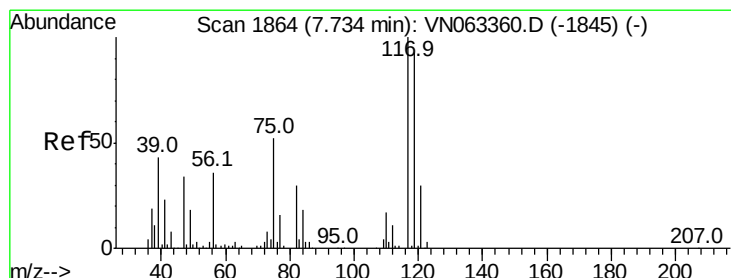
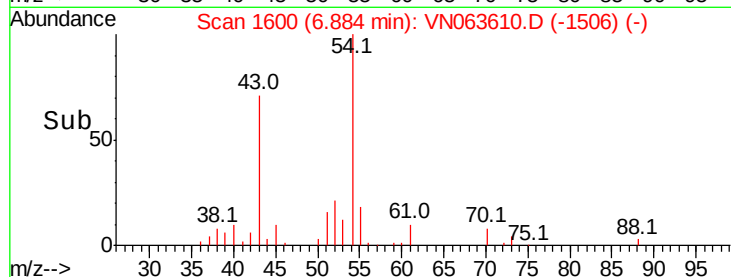
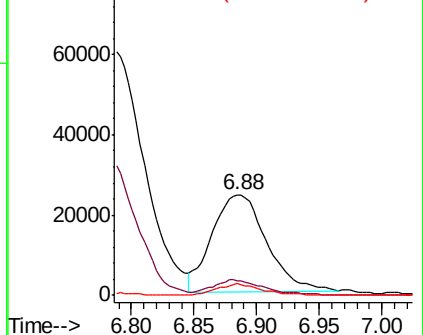


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 17.726 ug/l

RT: 7.74 min Scan# 1865

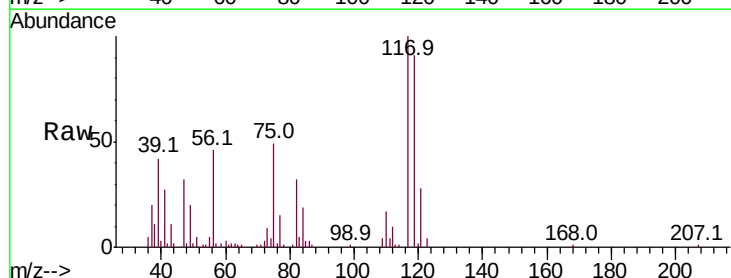
Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion: 117 Resp: 82252

Ion	Ratio	Lower	Upper
117	100		
119	91.0	74.5	111.7
121	28.0	24.1	36.1

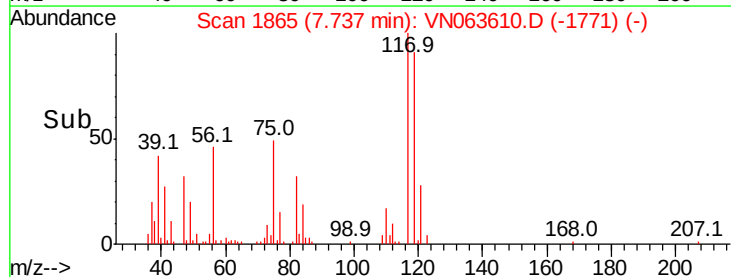
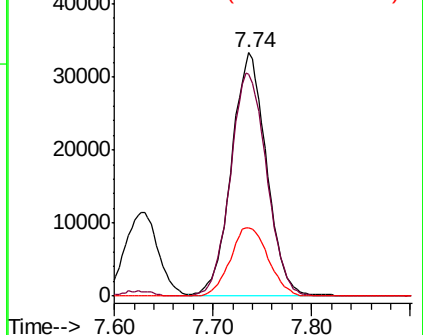


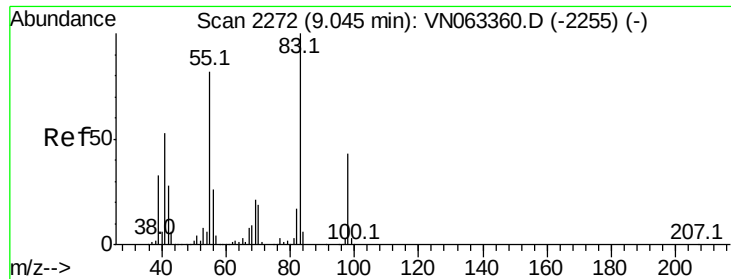
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

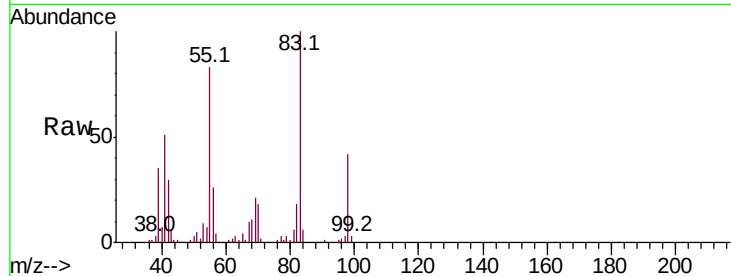




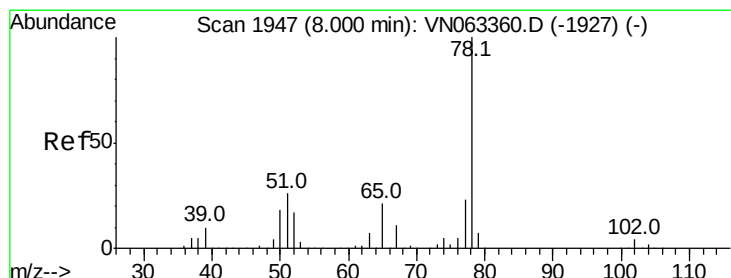
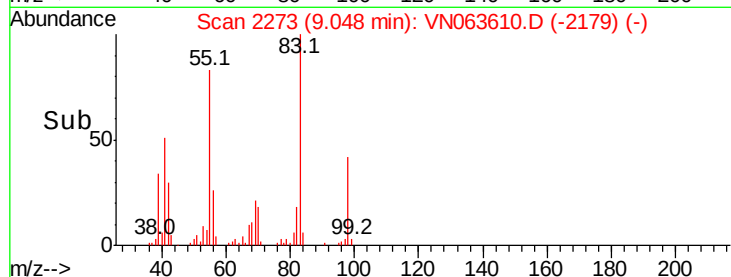
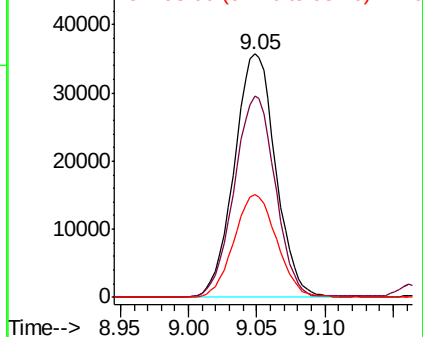
#39
Methylvlcyclohexane
Concen: 15.233 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion	83	Resp	75153
Ion	Ratio	Lower	Upper
83	100		
55	82.3	65.5	98.3
98	42.0	34.2	51.4

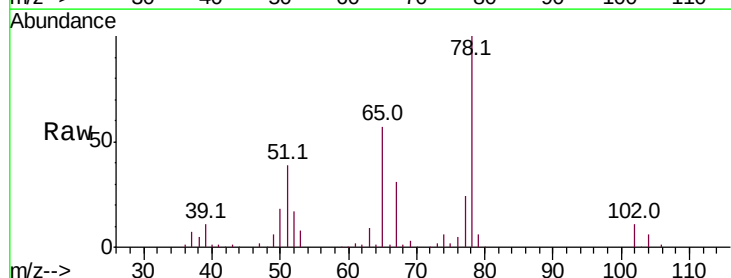


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

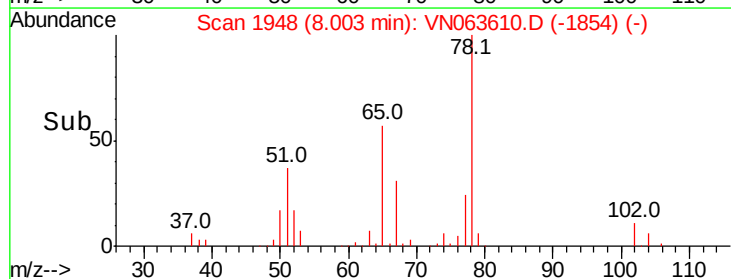
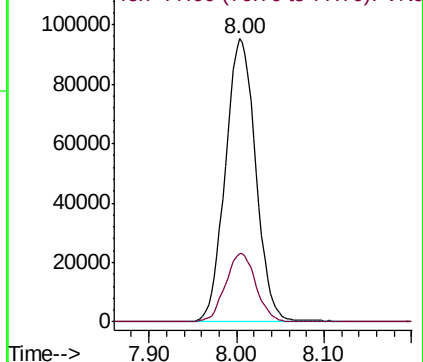


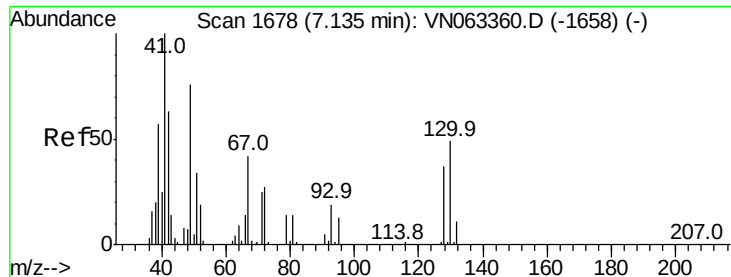
#40
Benzene
Concen: 17.677 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion	78	Resp	229388
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.3	27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

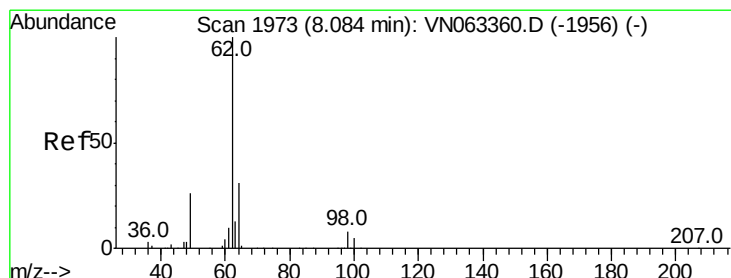
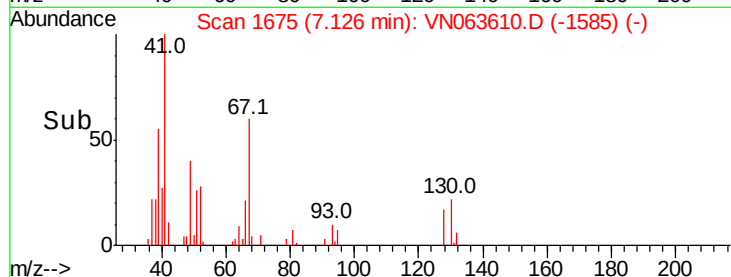
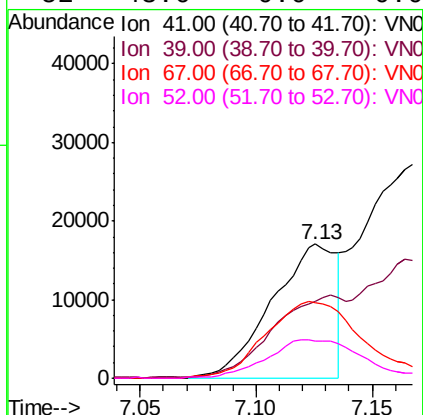
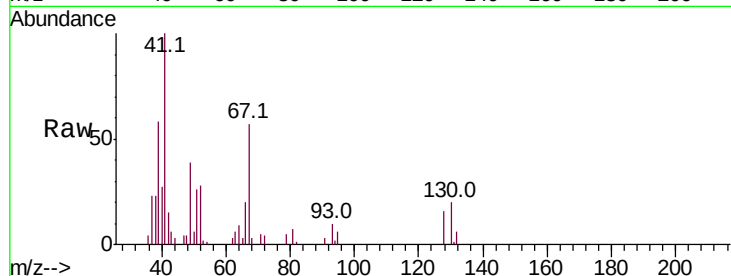




#41
Methacrylonitrile
Concen: 16.584 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

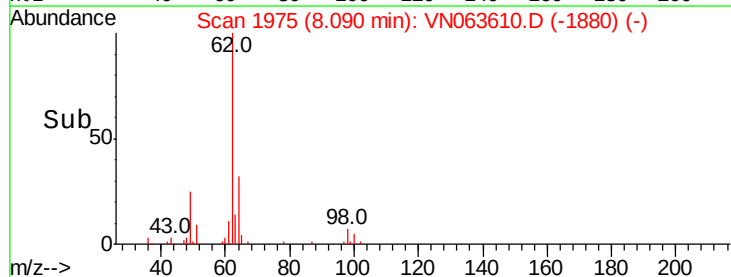
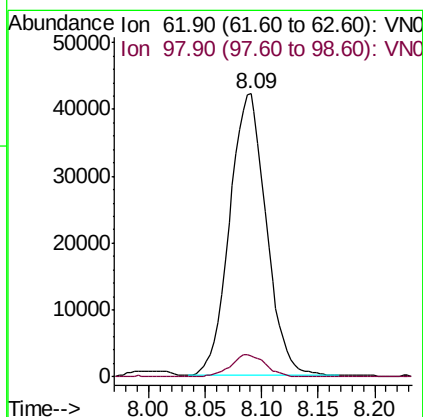
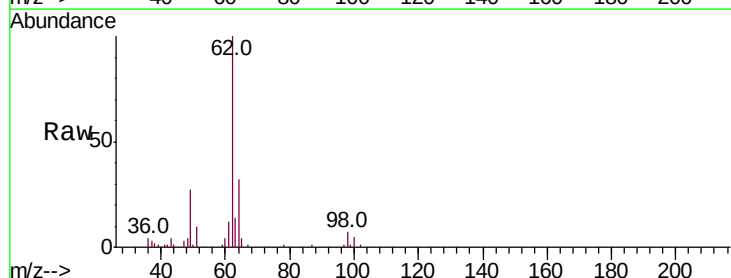
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

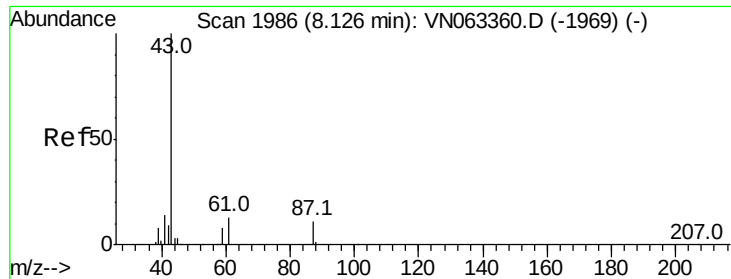
Tot Ion:	41	Resp:	33277
Ion	Ratio	Lower	Upper
41	100		
39	66.0	0.0	0.0#
67	85.2	0.0	0.0#
52	43.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.173 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion:	62	Resp:	94835
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.6





#43

Isopropyl Acetate

Concen: 16.613 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

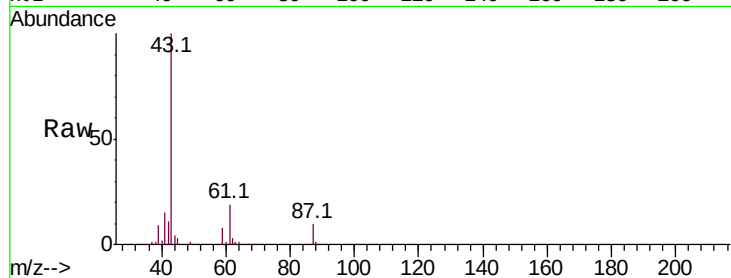
Tot Ion: 43 Resp: 132532

Ion Ratio Lower Upper

43 100

61 17.0 14.2 21.2

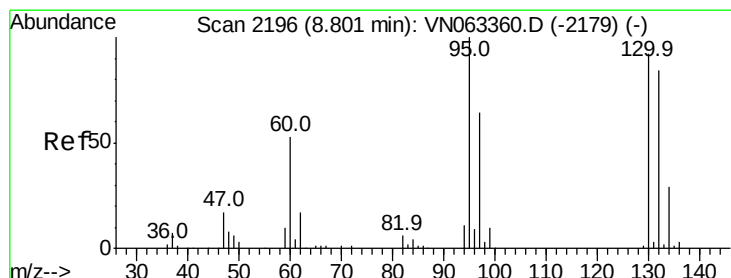
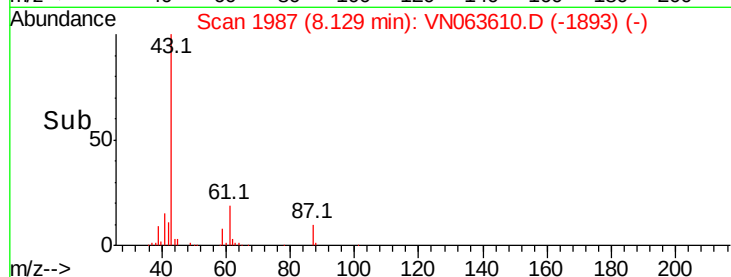
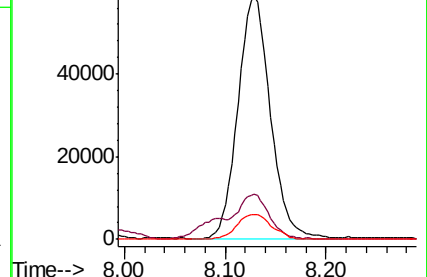
87 11.1 9.0 13.6



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: 18.526 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063610.D

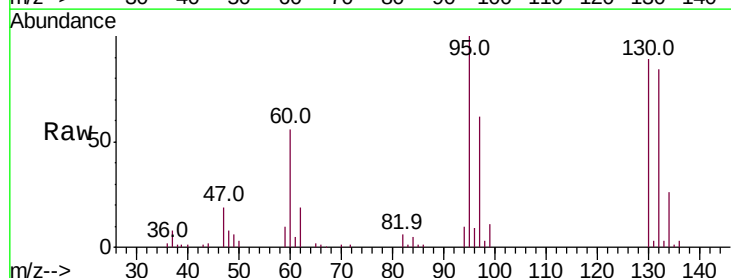
Acq: 24 Sep 2020 00:53

Tgt Ion:130 Resp: 58307

Ion Ratio Lower Upper

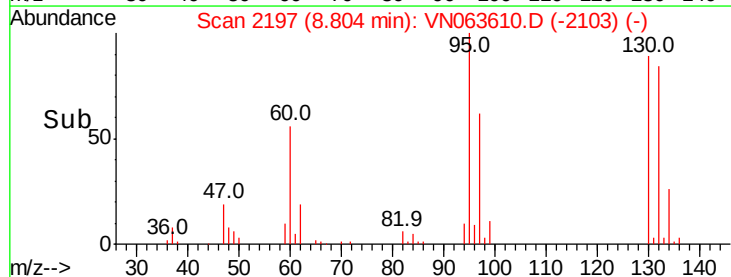
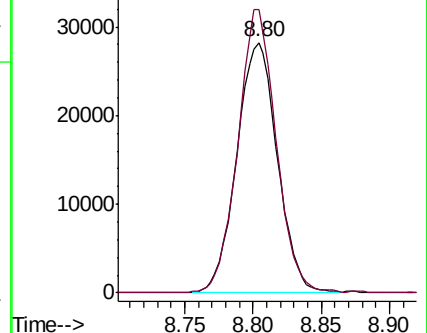
130 100

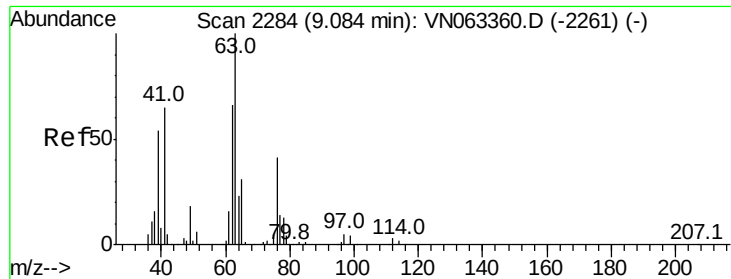
95 112.9 0.0 217.4



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: 17.988 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

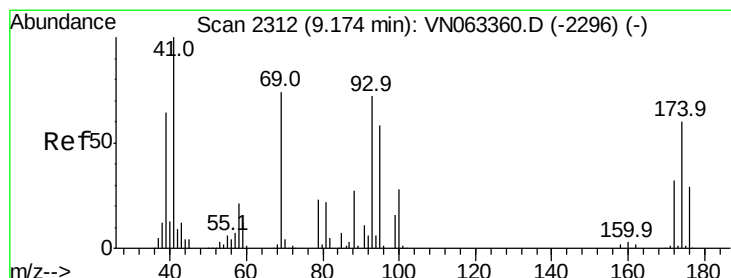
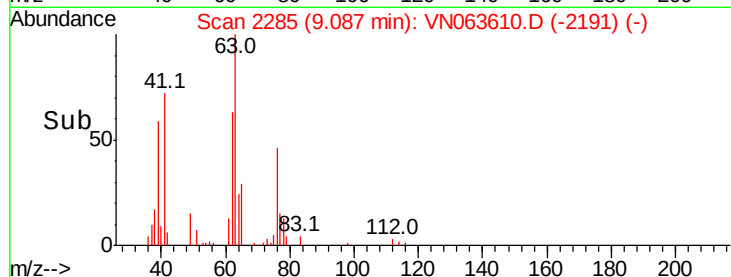
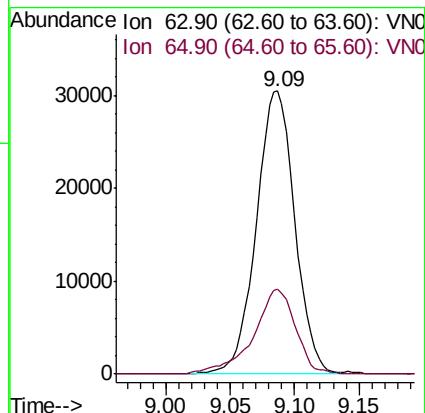
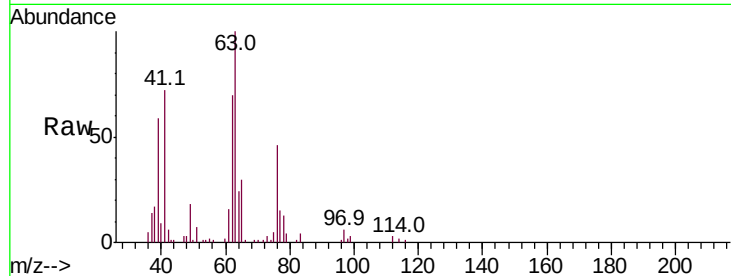
VN0923WBS02

Tot Ion: 63 Resp: 63575

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.6



#46

Dibromomethane

Concen: 18.459 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

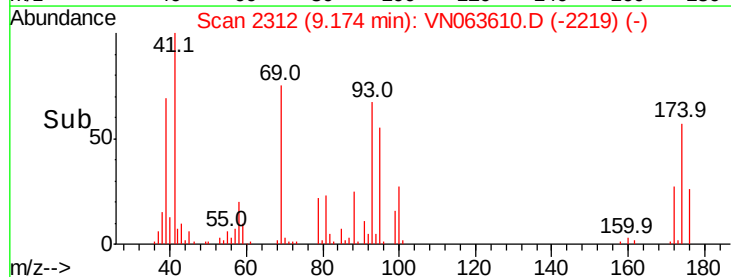
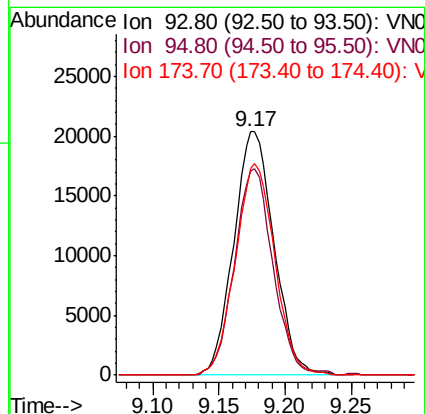
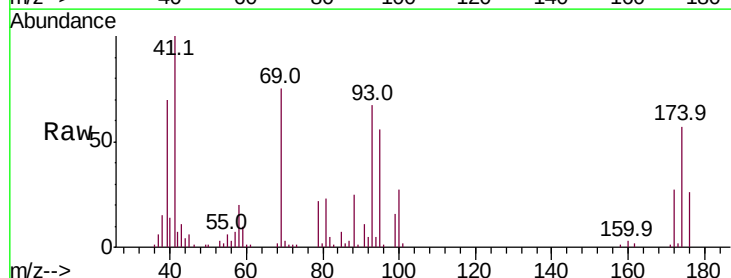
Tgt Ion: 93 Resp: 42879

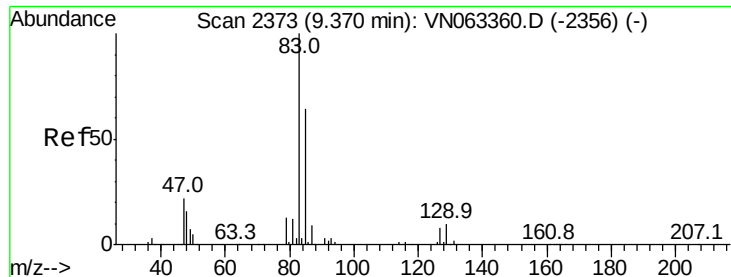
Ion Ratio Lower Upper

93 100

95 81.3 65.6 98.4

174 85.1 68.1 102.1





#47

Bromodichloromethane

Concen: 17.883 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

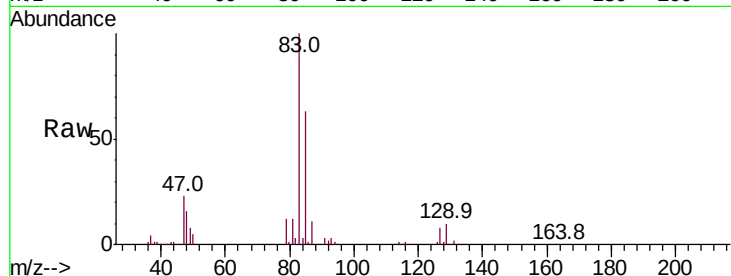
Tot Ion: 83 Resp: 86301

Ion Ratio Lower Upper

83 100

85 63.4 51.0 76.6

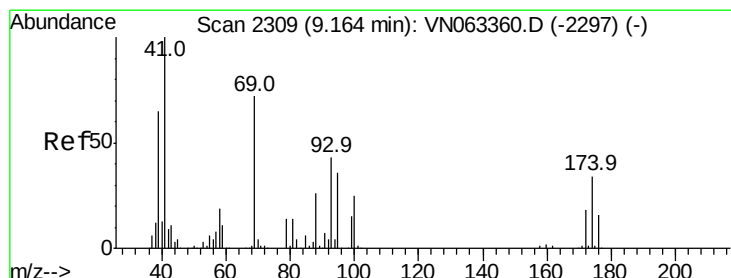
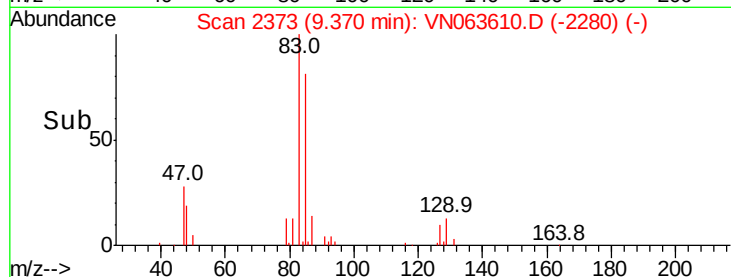
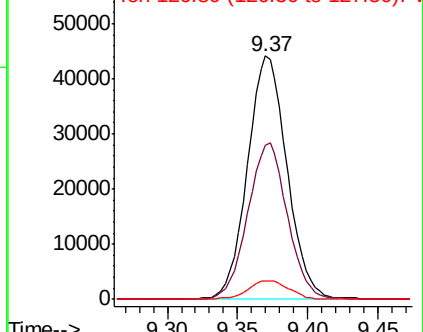
127 7.5 6.3 9.5



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): VN0



#48

Methyl methacrylate

Concen: 16.189 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

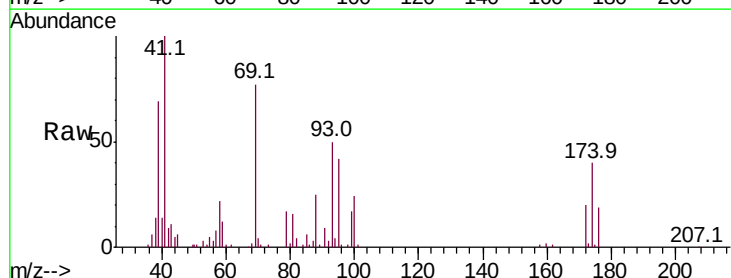
Tgt Ion: 41 Resp: 63453

Ion Ratio Lower Upper

41 100

69 77.1 59.3 88.9

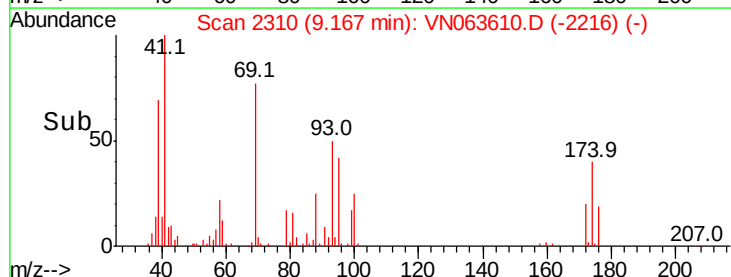
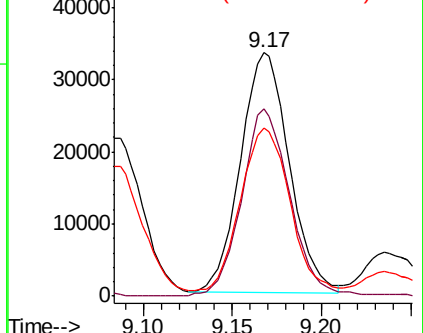
39 72.5 52.9 79.3

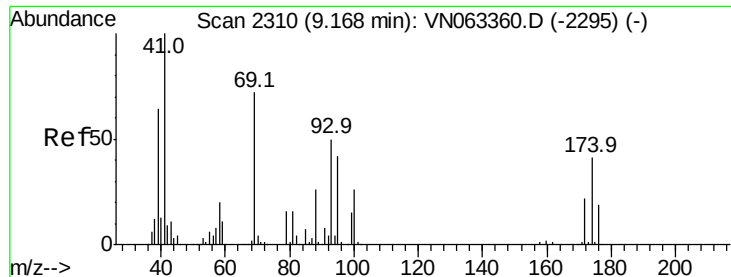


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 327.152 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

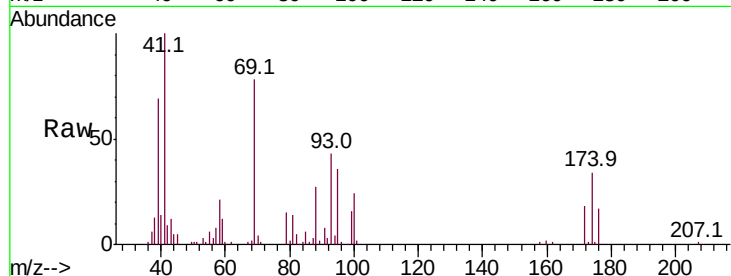
Tot Ion: 88 Resp: 18401

Ion Ratio Lower Upper

88 100

43 43.6 32.6 49.0

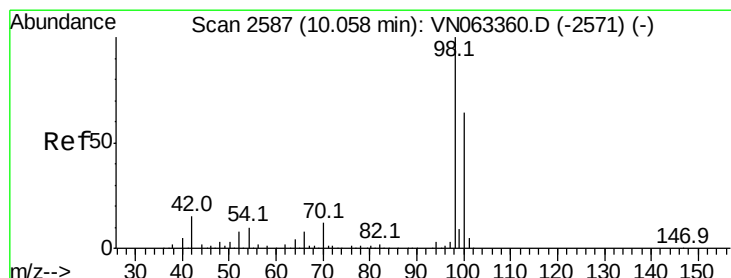
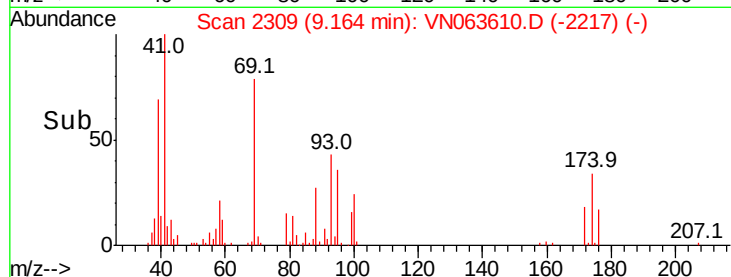
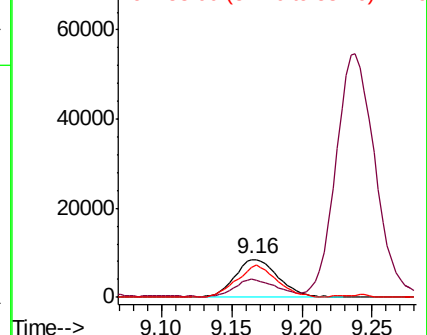
58 77.8 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.571 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063610.D

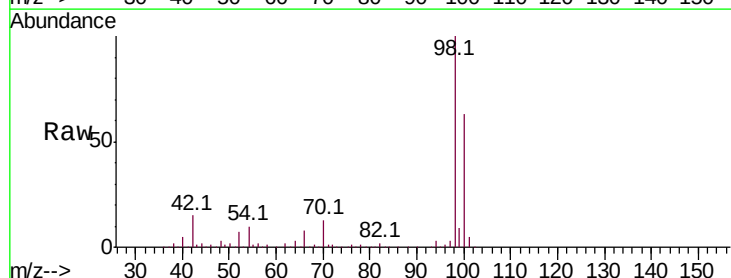
Acq: 24 Sep 2020 00:53

Tgt Ion: 98 Resp: 528375

Ion Ratio Lower Upper

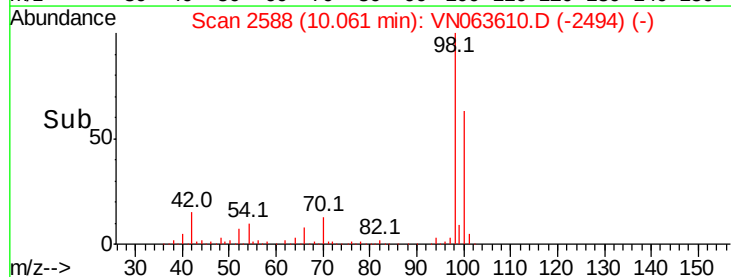
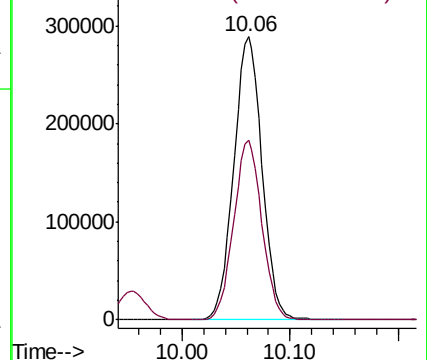
98 100

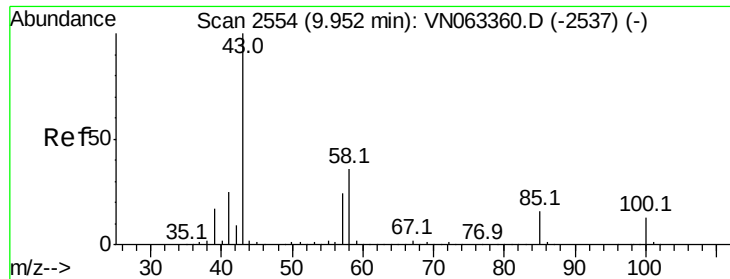
100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 89.872 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

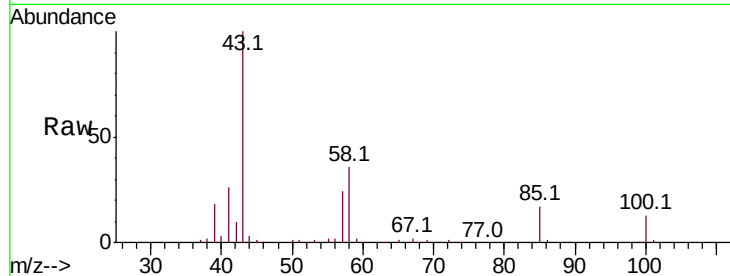
VN0923WBS02

Tot Ion: 43 Resp: 401376

Ion Ratio Lower Upper

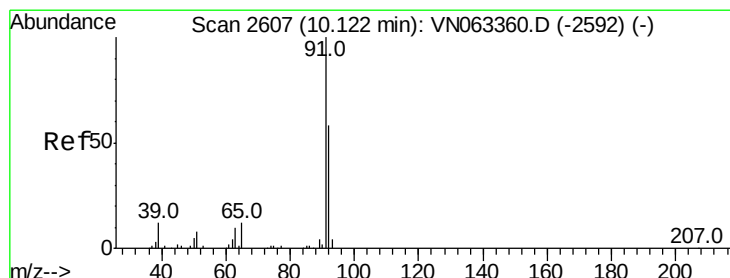
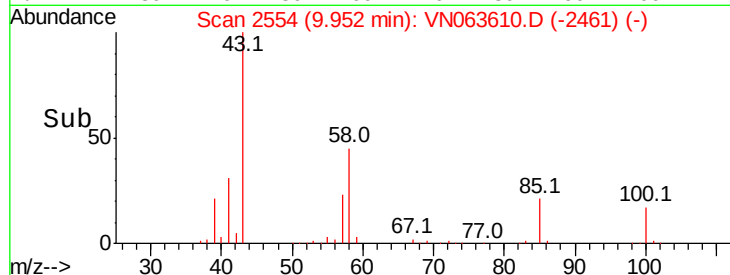
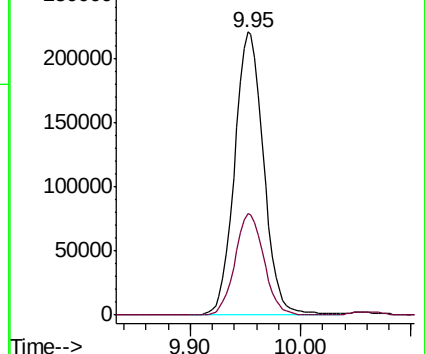
43 100

58 35.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.520 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063610.D

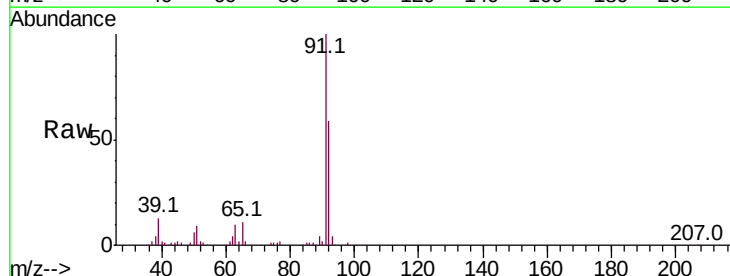
Acq: 24 Sep 2020 00:53

Tgt Ion: 92 Resp: 144488

Ion Ratio Lower Upper

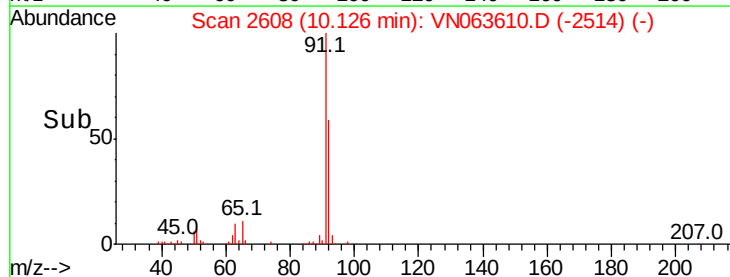
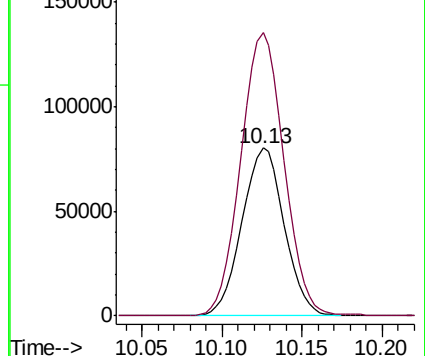
92 100

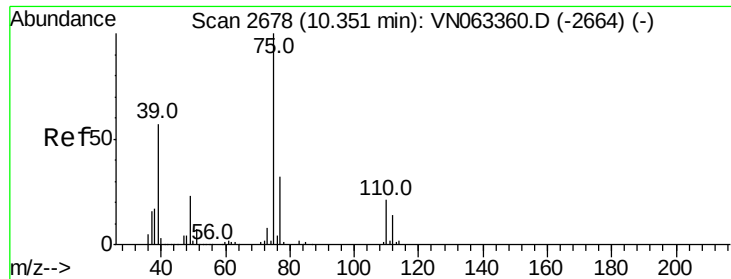
91 172.4 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 16.126 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampled :

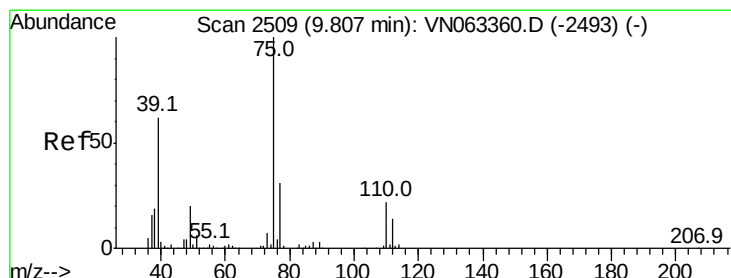
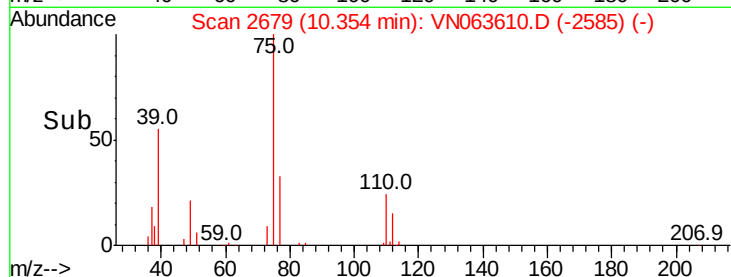
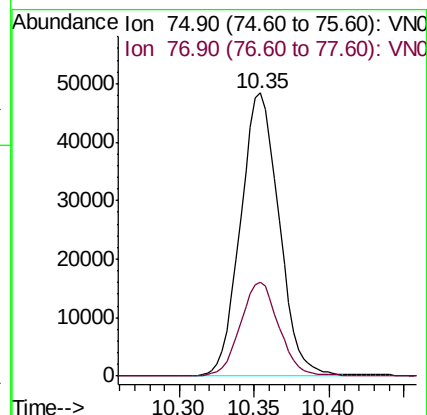
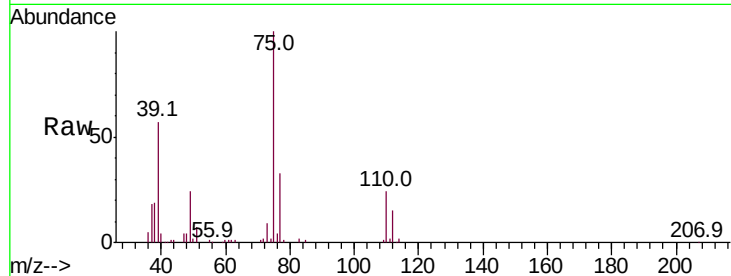
VN0923WBS02

Tot Ion: 75 Resp: 86876

Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.354 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

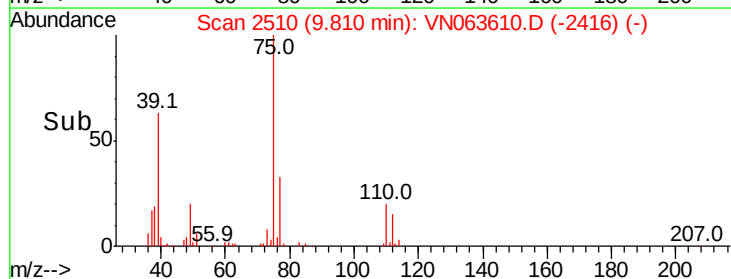
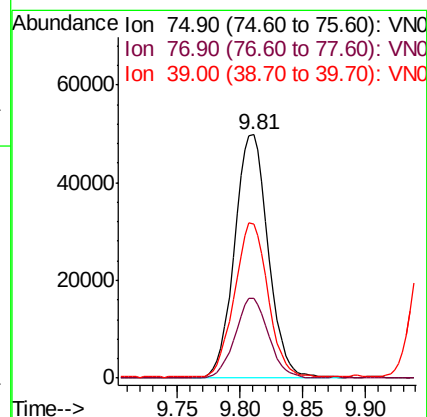
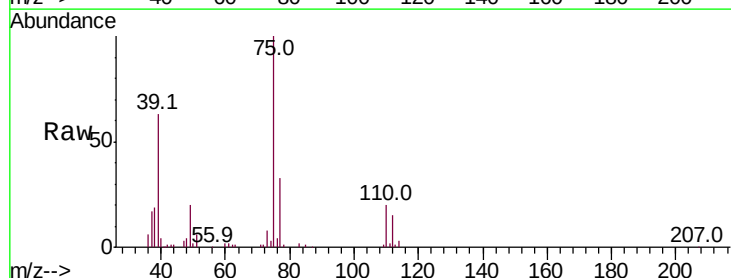
Tgt Ion: 75 Resp: 92936

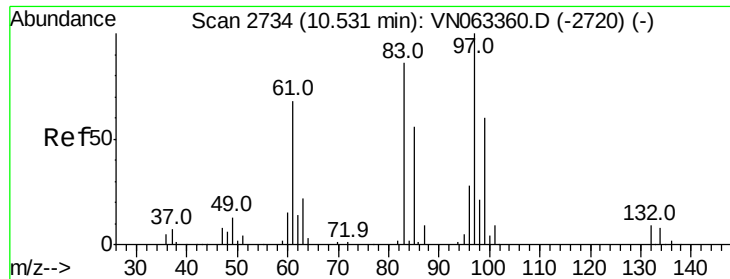
Ion Ratio Lower Upper

75 100

77 32.7 24.6 37.0

39 62.5 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 18.849 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 97 Resp: 58411

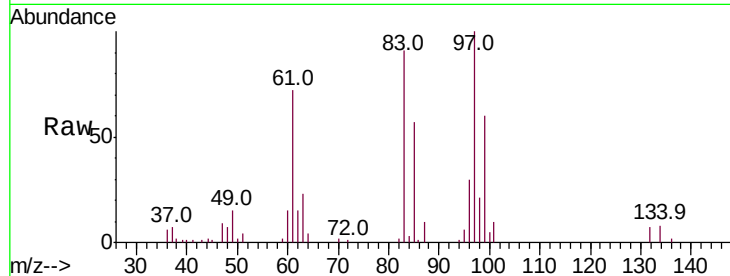
Ion Ratio Lower Upper

97 100

83 91.1 68.9 103.3

85 56.9 44.8 67.2

99 60.0 47.8 71.8



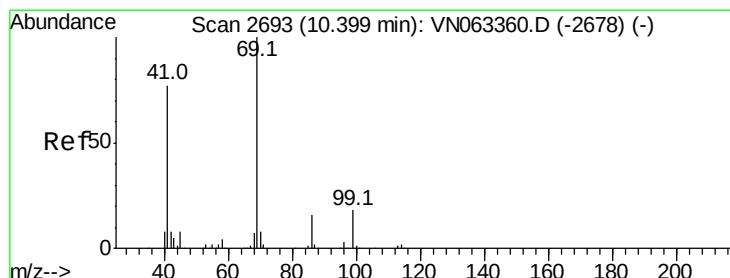
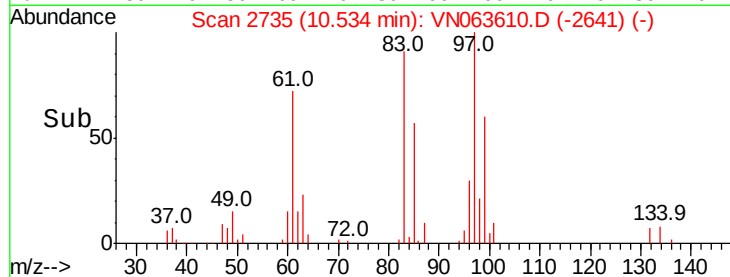
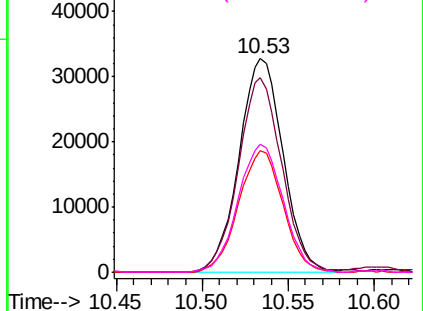
Abundance

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: 16.646 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

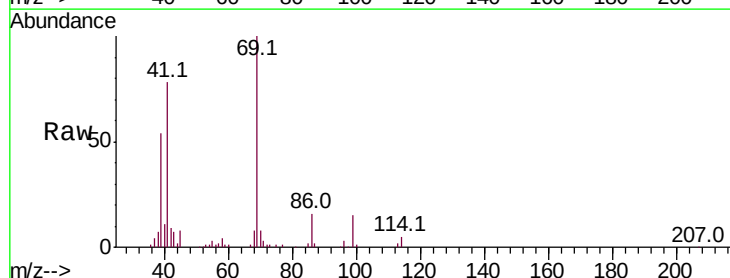
Tgt Ion: 69 Resp: 80528

Ion Ratio Lower Upper

69 100

41 78.5 61.0 91.6

39 52.9 39.2 58.8

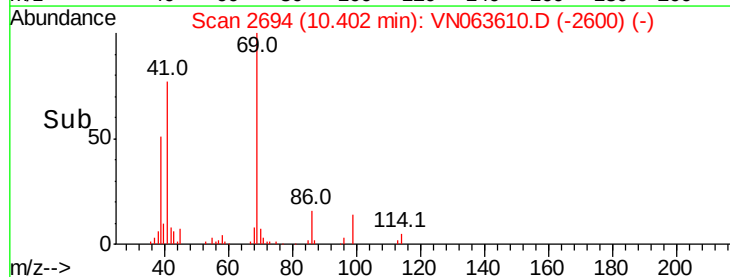
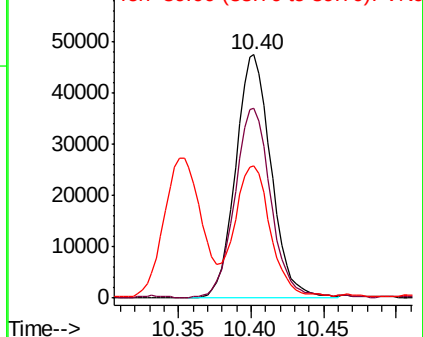


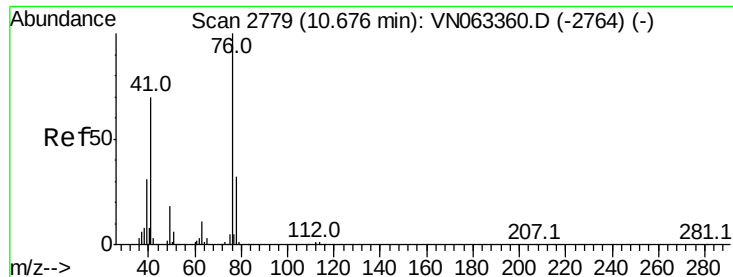
Abundance

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: 17.879 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

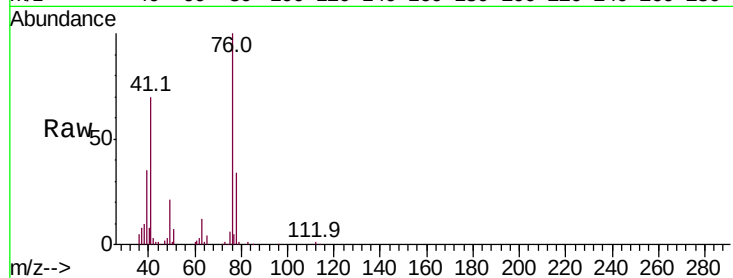
VN0923WBS02

Tot Ion: 76 Resp: 99915

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

60000

50000

40000

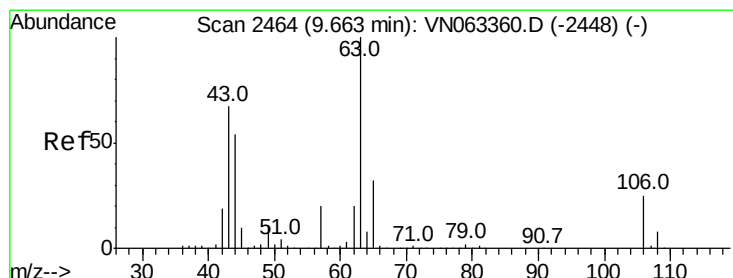
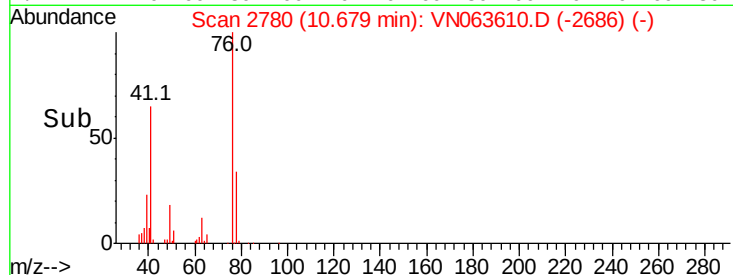
30000

20000

10000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 79.022 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063610.D

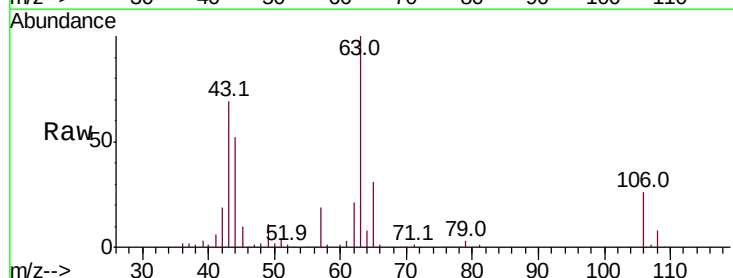
Acq: 24 Sep 2020 00:53

Tgt Ion: 63 Resp: 200544

Ion Ratio Lower Upper

63 100

106 25.6 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

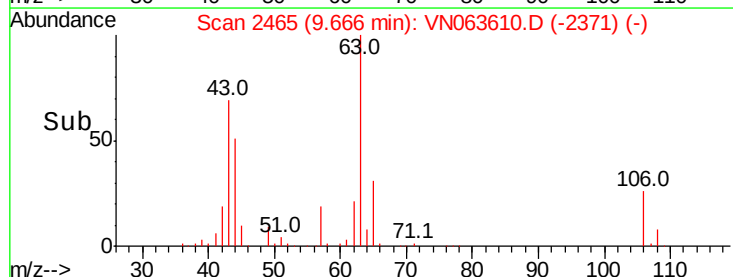
9.67

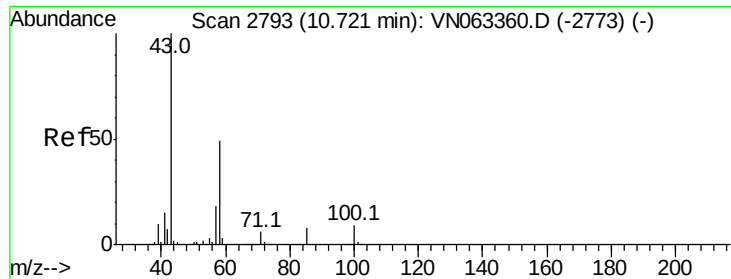
100000

50000

0

Time-->

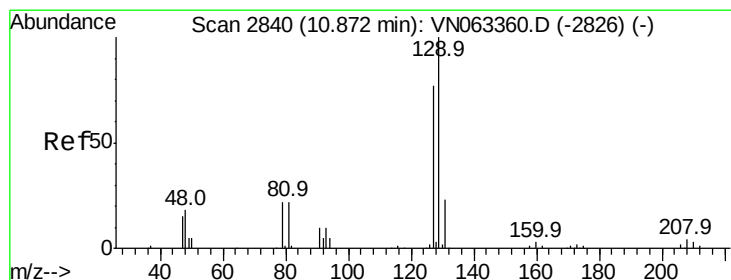
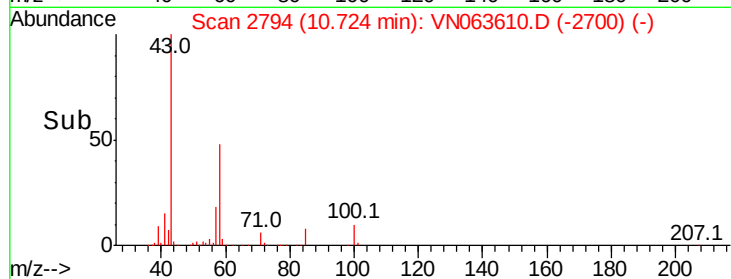
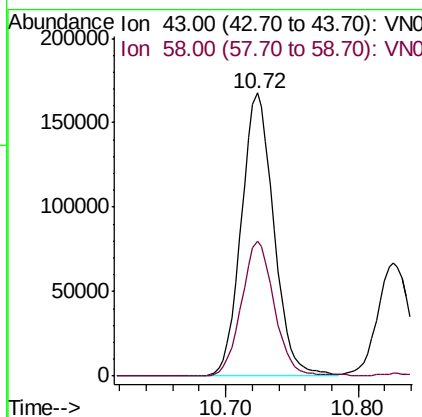
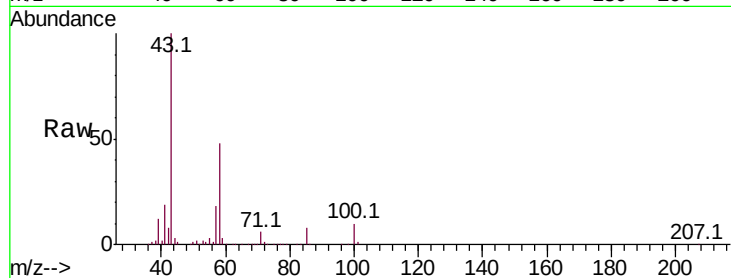




#59
2-Hexanone
Concen: 87.938 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

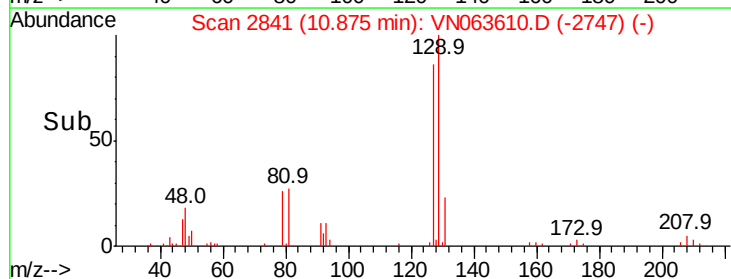
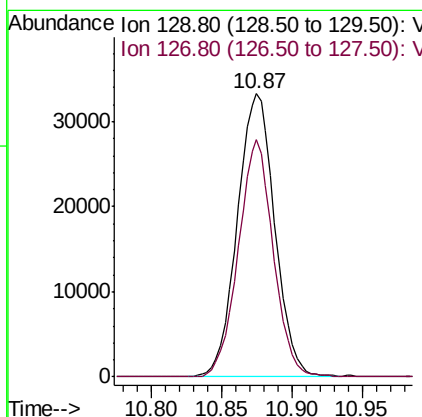
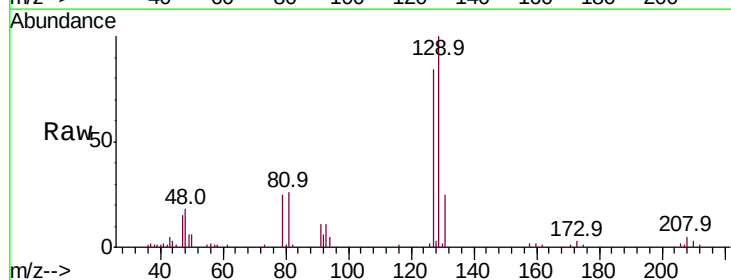
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

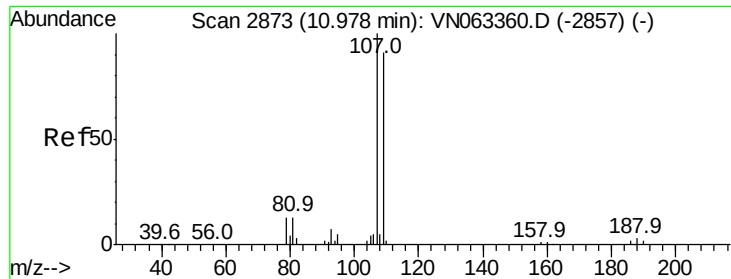
Tot Ion: 43 Resp: 284530
Ion Ratio Lower Upper
43 100
58 48.2 24.7 74.1



#60
Dibromochloromethane
Concen: 17.661 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion: 129 Resp: 61830
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





#61

1,2-Dibromoethane

Concen: 18.262 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

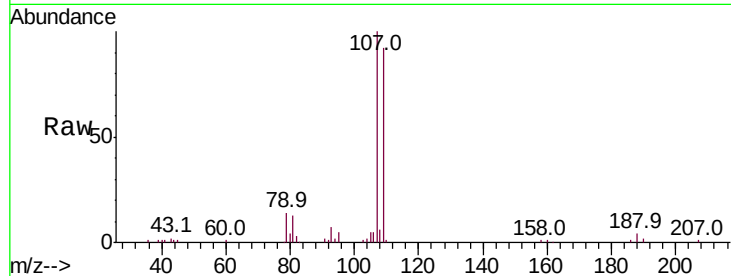
VN0923WBS02

Tot Ion:107 Resp: 58795

Ion Ratio Lower Upper

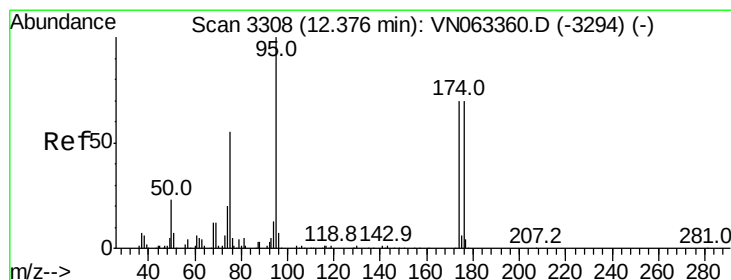
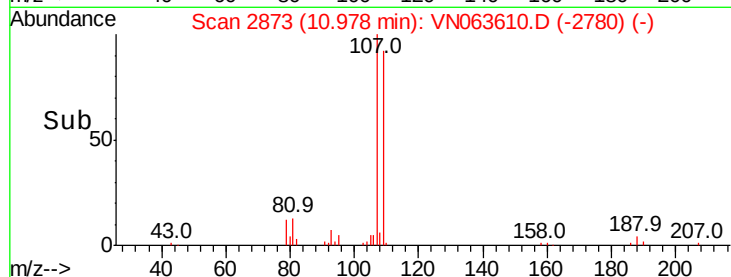
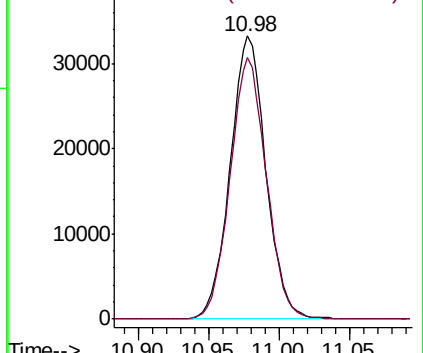
107 100

109 93.6 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.682 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

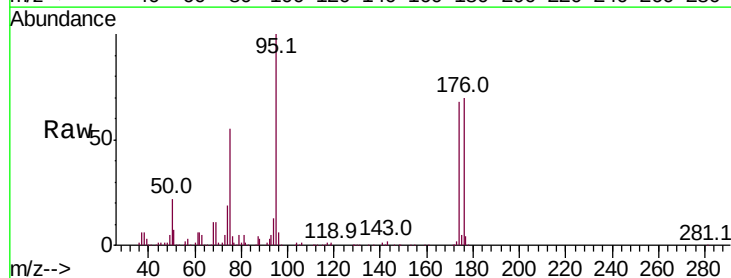
Tgt Ion: 95 Resp: 198214

Ion Ratio Lower Upper

95 100

174 70.5 0.0 140.8

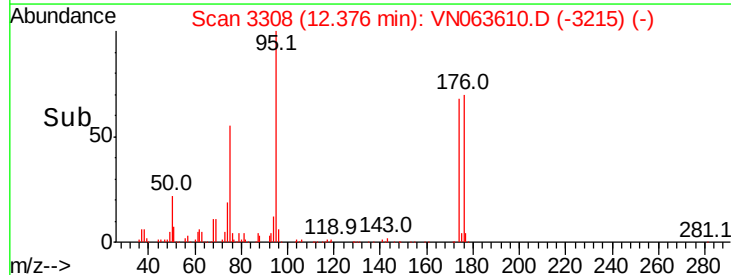
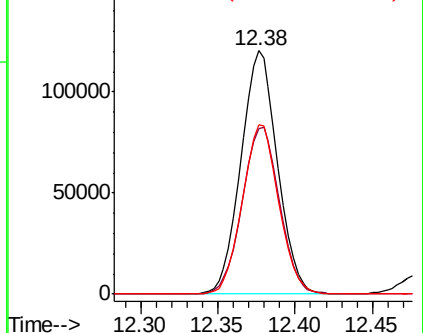
176 69.4 0.0 137.6

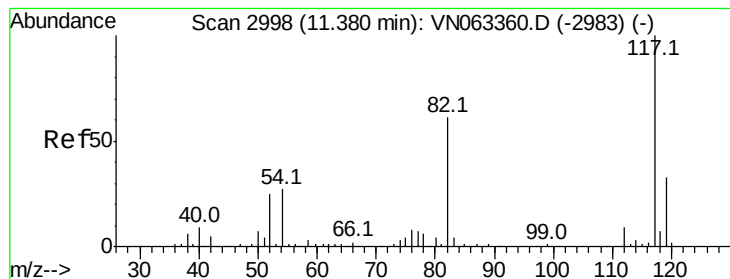


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

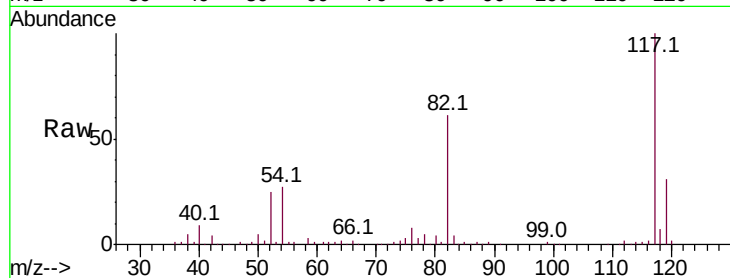
Tot Ion:117 Resp: 394657

Ion Ratio Lower Upper

117 100

82 60.6 49.2 73.8

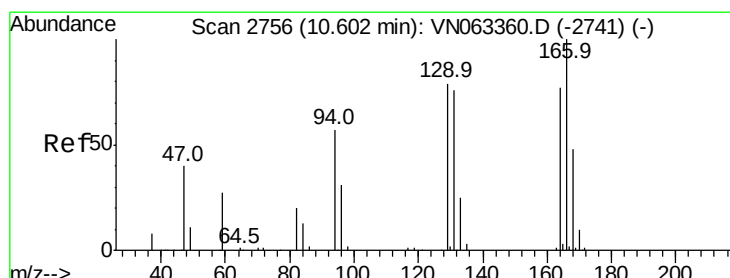
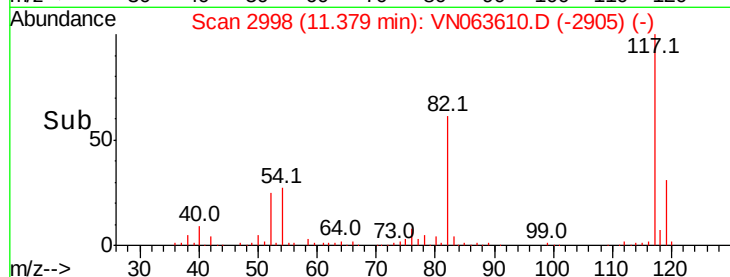
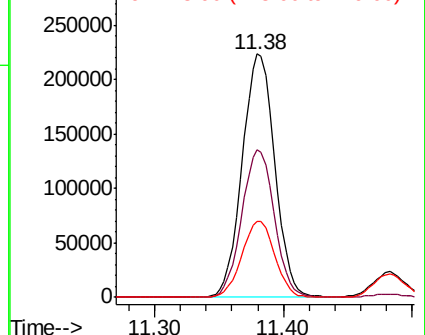
119 31.4 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.786 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:164 Resp: 53171

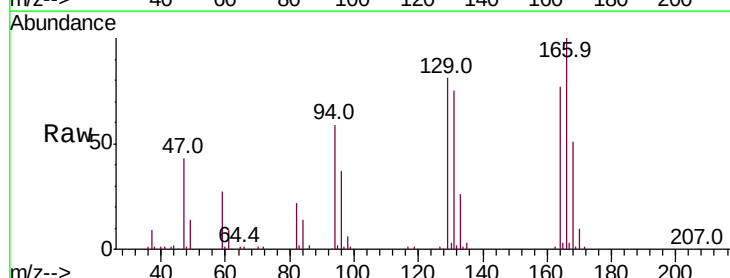
Ion Ratio Lower Upper

164 100

166 130.2 103.4 155.0

129 105.3 81.8 122.6

131 97.8 78.2 117.4

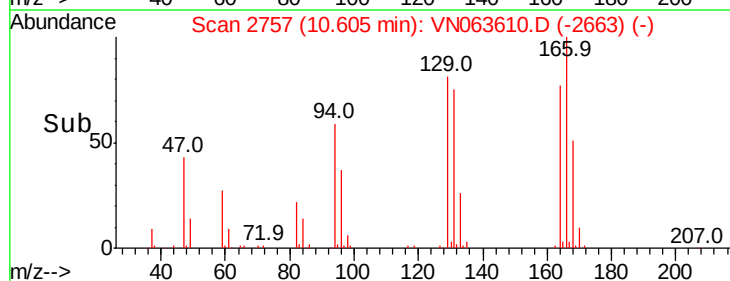
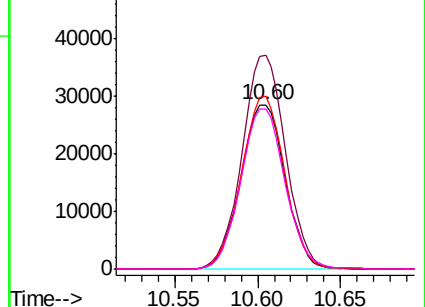


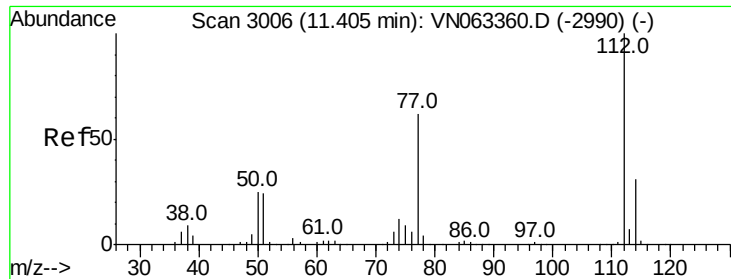
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

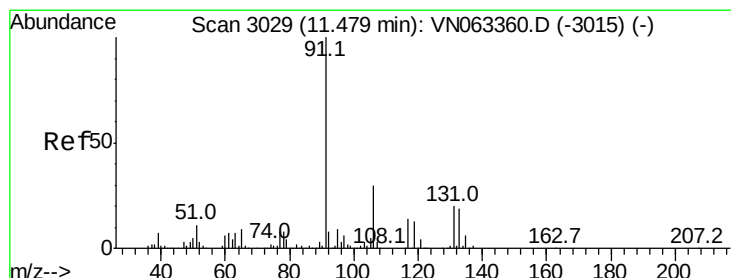
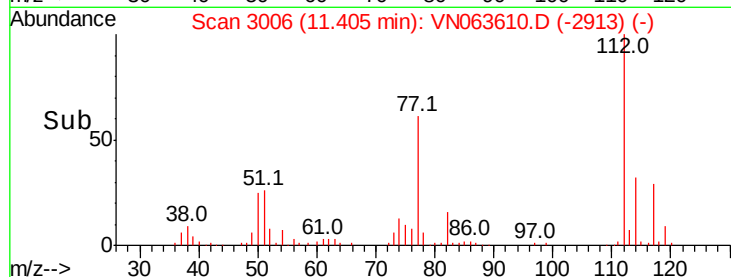
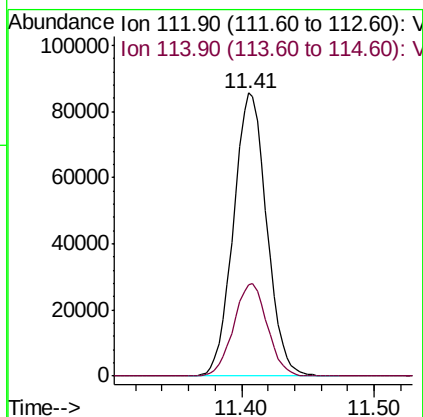
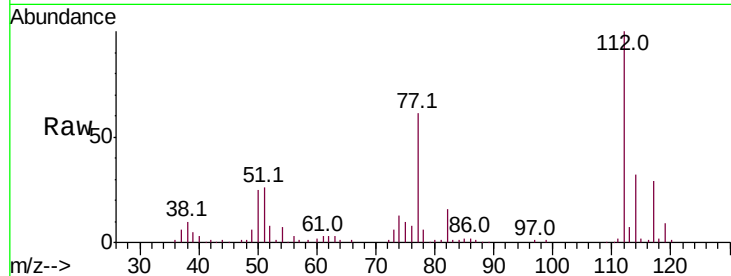




#65
Chlorobenzene
Concen: 17.750 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

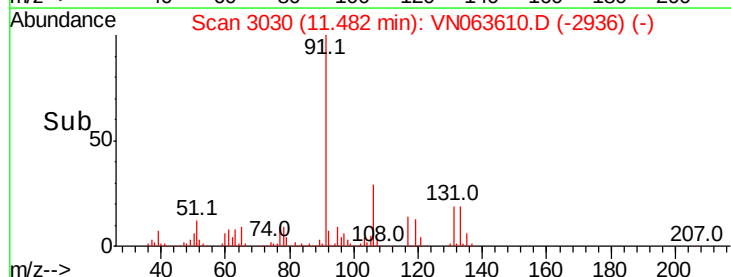
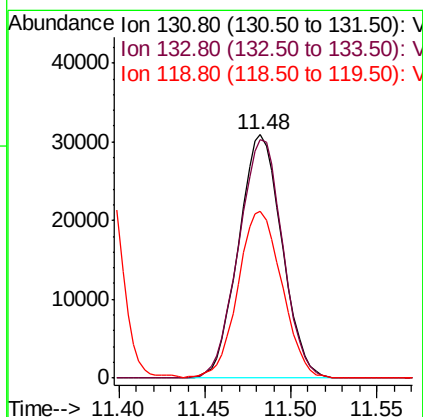
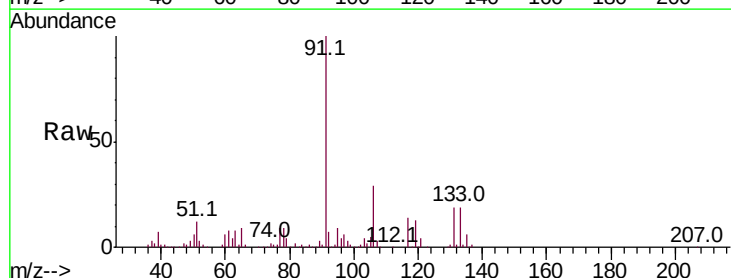
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

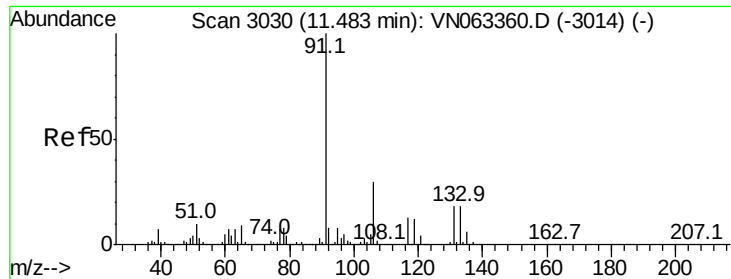
Tot Ion:112 Resp: 148698
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.635 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion:131 Resp: 54156
Ion Ratio Lower Upper
131 100
133 99.3 47.3 141.9
119 69.4 33.6 100.8





#67

Ethyl Benzene

Concen: 17.654 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampled :

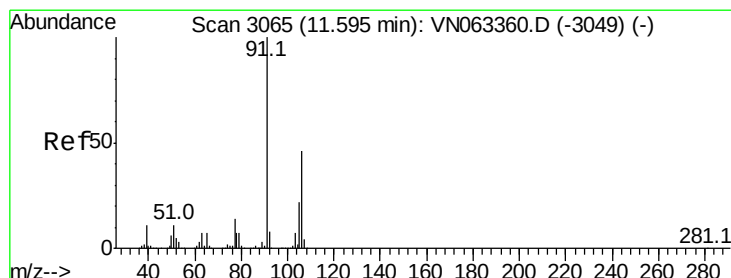
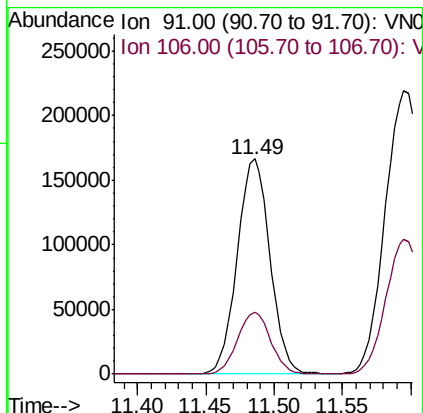
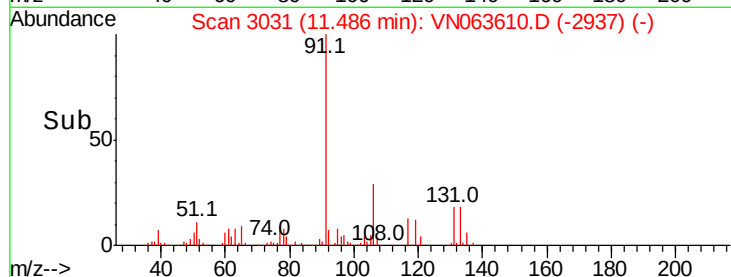
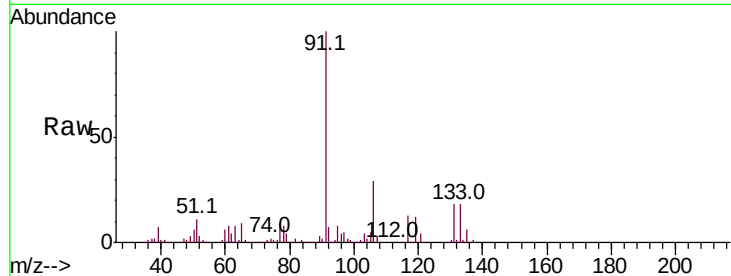
VN0923WBS02

Tot Ion: 91 Resp: 278518

Ion Ratio Lower Upper

91 100

106 28.9 23.8 35.6



#68

m/p-Xylenes

Concen: 35.102 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063610.D

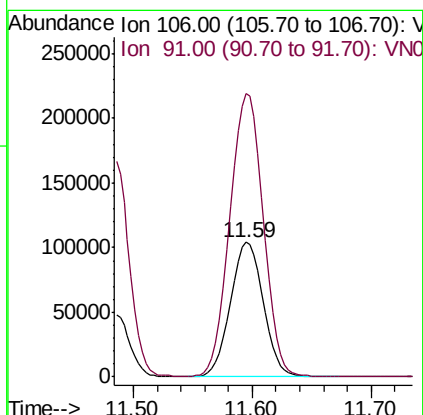
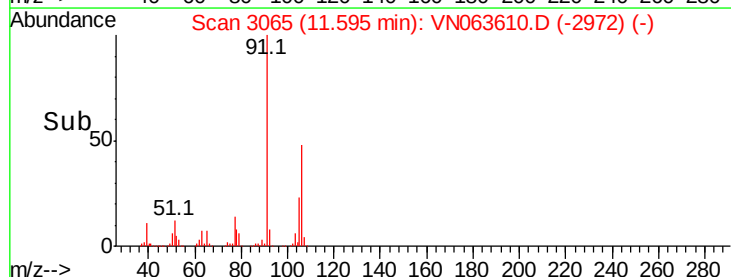
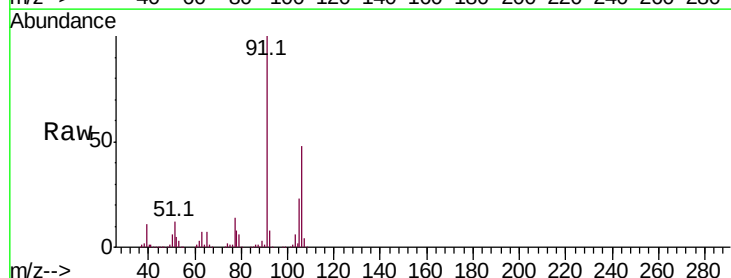
Acq: 24 Sep 2020 00:53

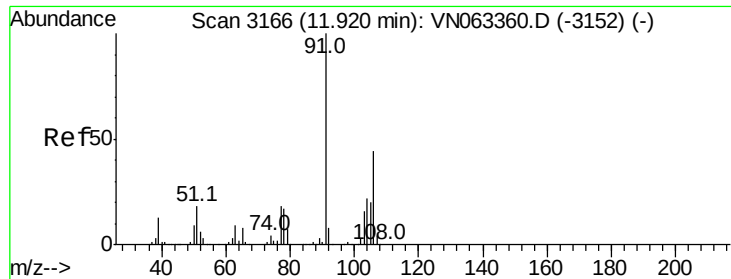
Tgt Ion: 106 Resp: 199664

Ion Ratio Lower Upper

106 100

91 213.6 171.2 256.8

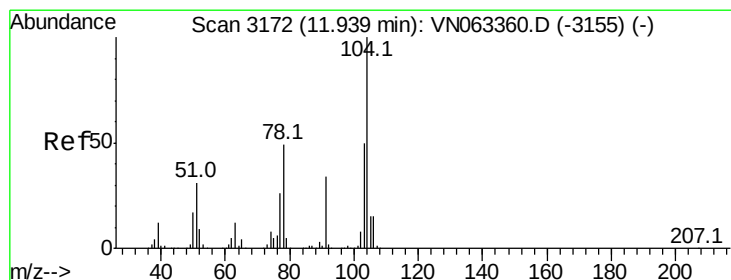
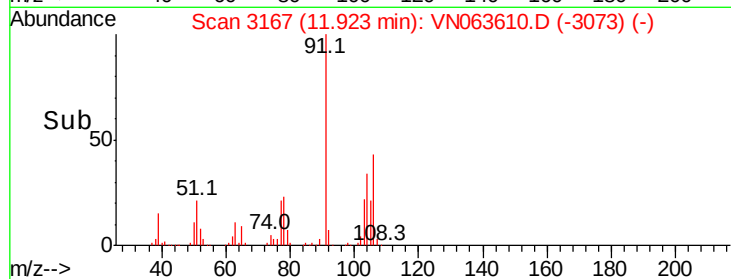
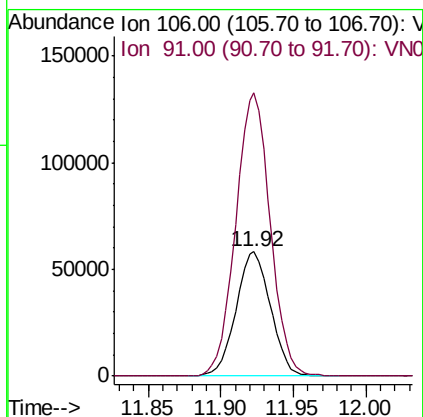
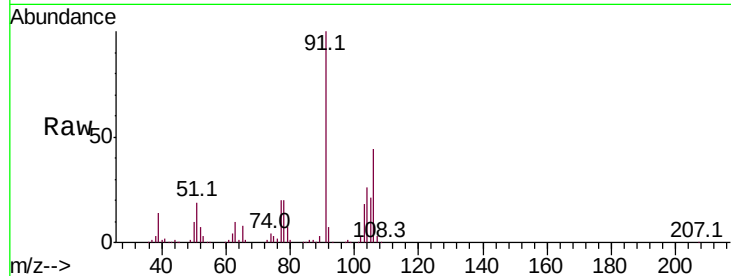




#69
o-Xylene
Concen: 17.817 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

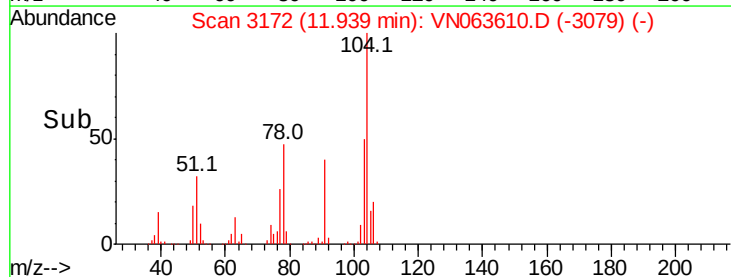
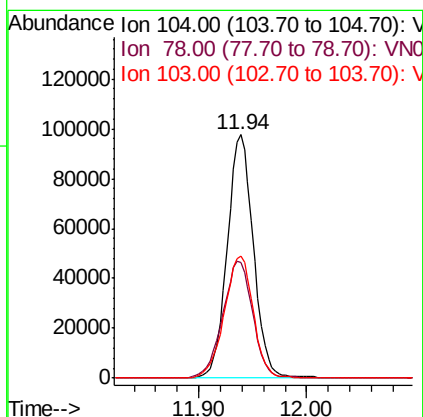
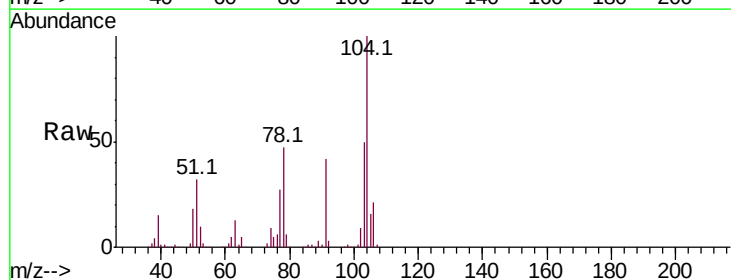
Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

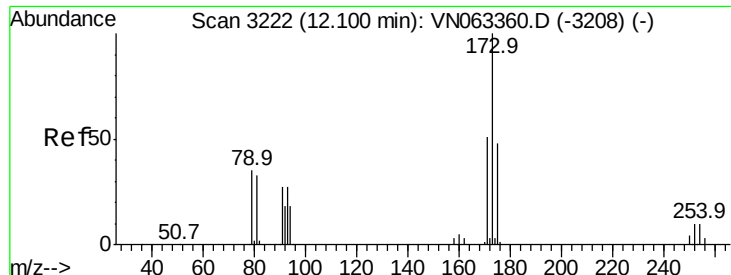
Tot Ion:106 Resp: 96544
Ion Ratio Lower Upper
106 100
91 226.1 113.6 340.8



#70
Styrene
Concen: 18.109 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063610.D
Acq: 24 Sep 2020 00:53

Tgt Ion:104 Resp: 164552
Ion Ratio Lower Upper
104 100
78 55.3 44.4 66.6
103 55.5 43.7 65.5





#71

Bromoform

Concen: 17.046 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS02

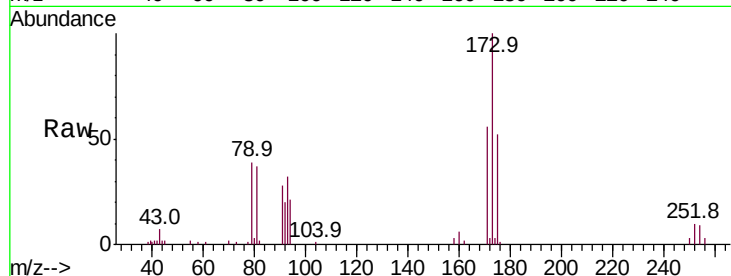
Tot Ion:173 Resp: 38996

Ion Ratio Lower Upper

173 100

175 50.5 24.0 72.0

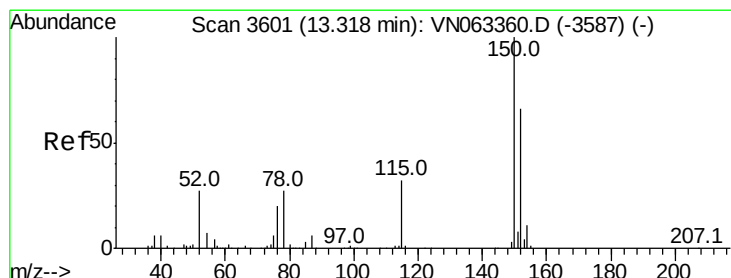
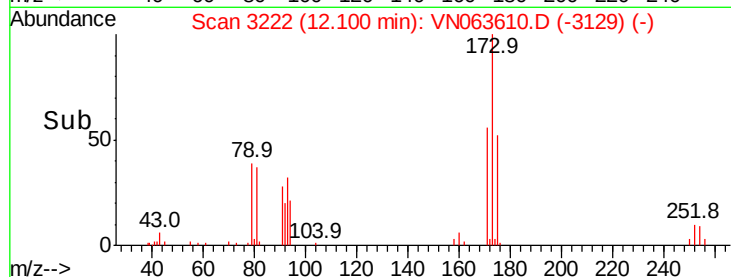
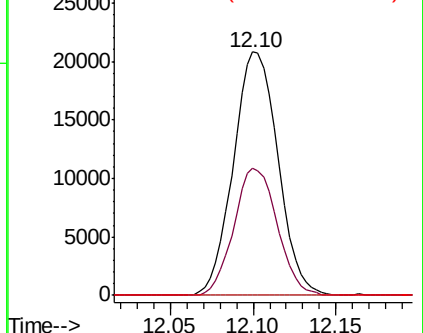
254 0.0 0.0 0.0



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: VN063610.D

Acq: 24 Sep 2020 00:53

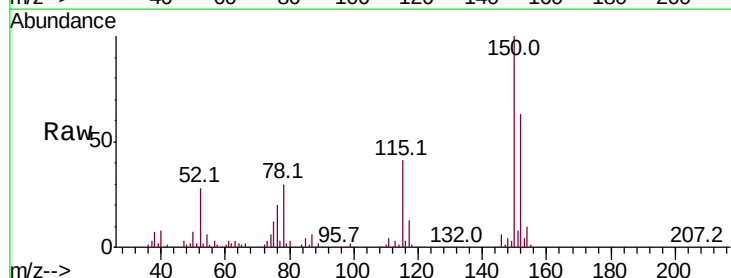
Tgt Ion:152 Resp: 181797

Ion Ratio Lower Upper

152 100

115 63.9 32.2 96.6

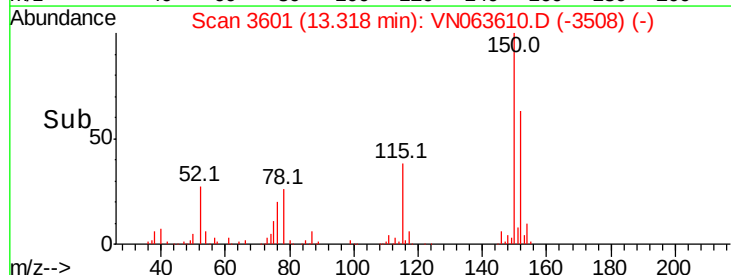
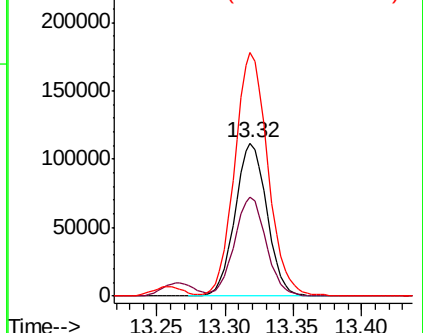
150 164.3 0.0 343.4

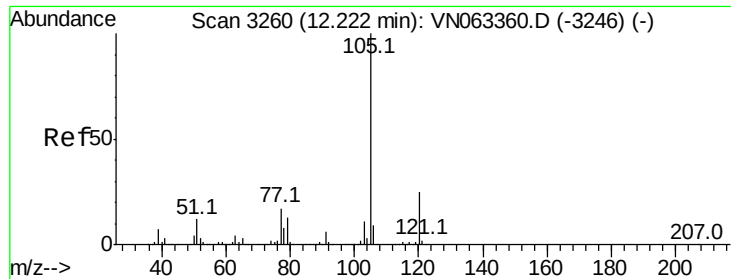


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.007 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

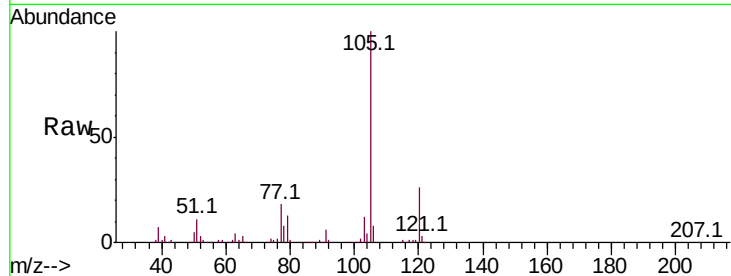
VN0923WBS02

Tot Ion:105 Resp: 262322

Ion Ratio Lower Upper

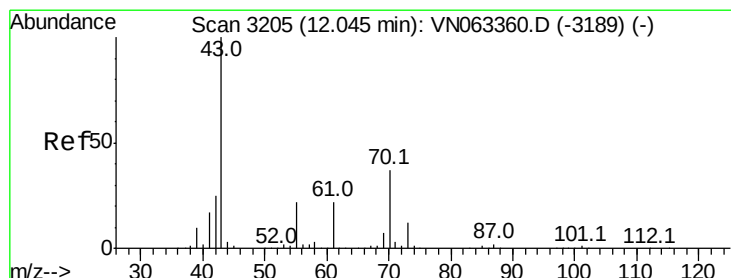
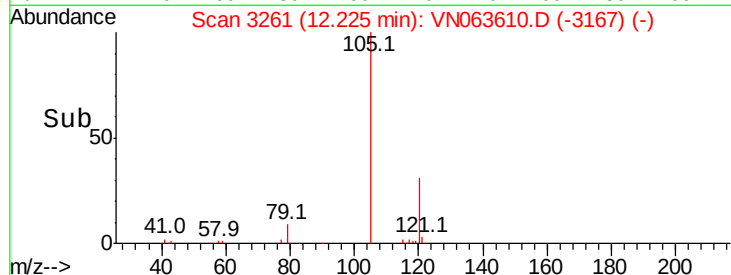
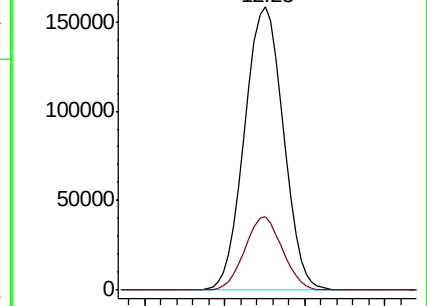
105 100

120 25.1 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 15.982 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion: 43 Resp: 110211

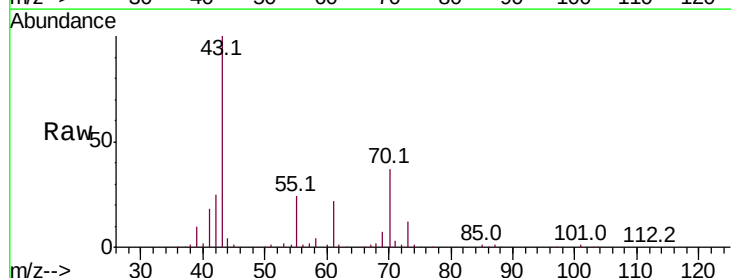
Ion Ratio Lower Upper

43 100

70 37.9 29.6 44.4

55 24.4 17.7 26.5

61 21.4 17.4 26.2

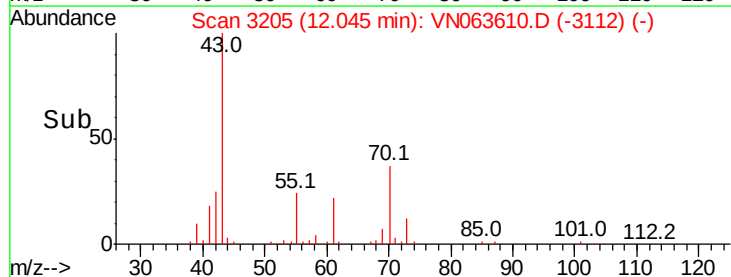
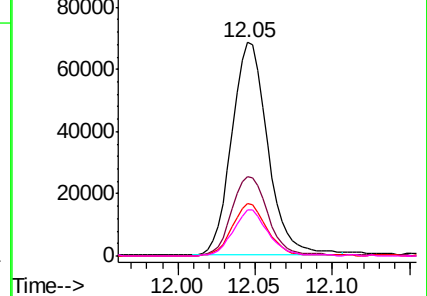


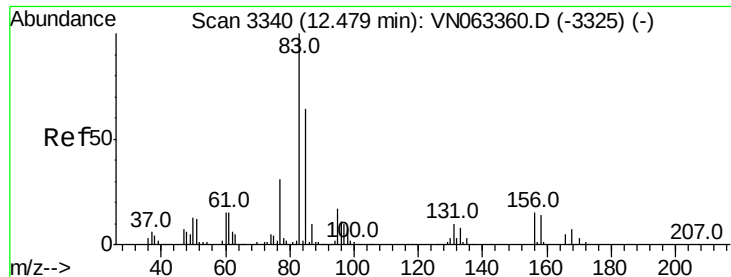
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.937 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

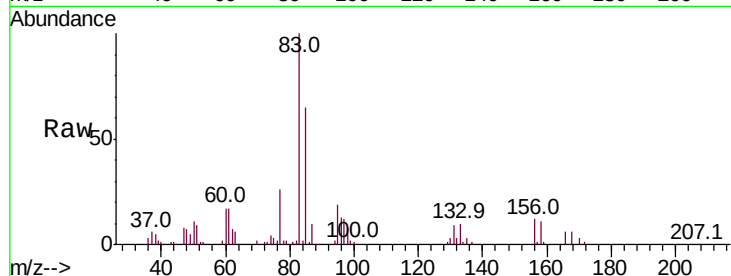
Tot Ion: 83 Resp: 80909

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

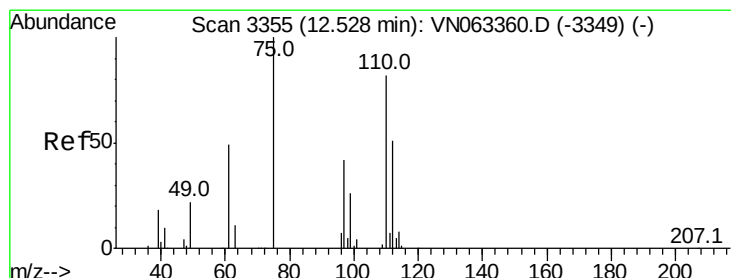
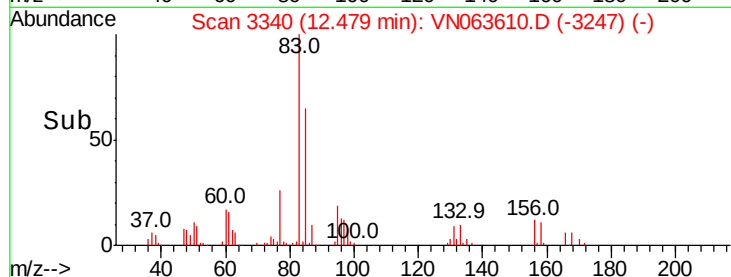
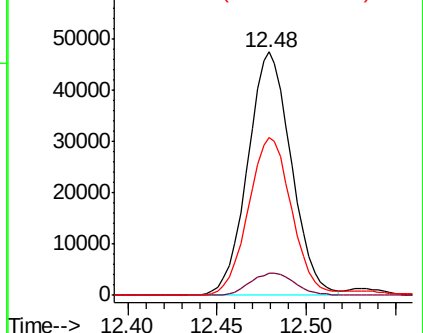
85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 23.661 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063610.D

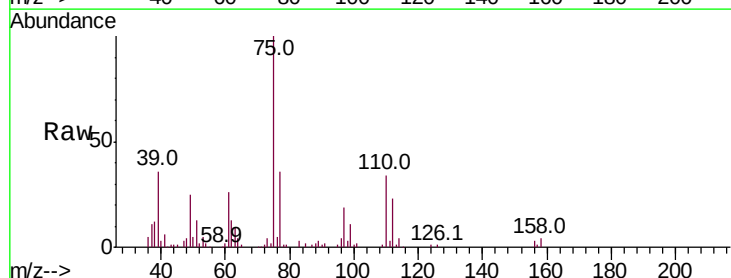
Acq: 24 Sep 2020 00:53

Tgt Ion: 75 Resp: 106468

Ion Ratio Lower Upper

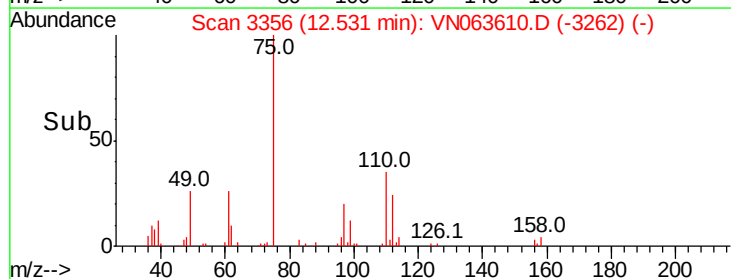
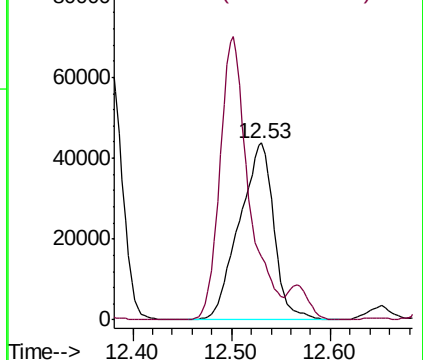
75 100

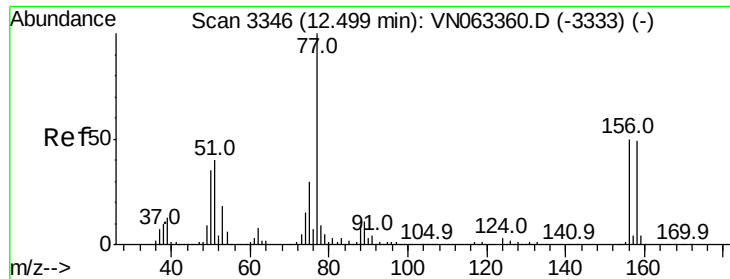
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.806 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

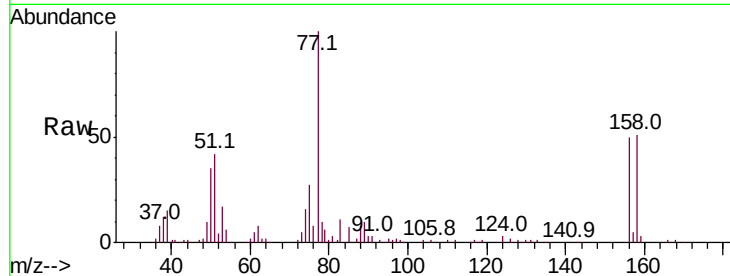
Tot Ion:156 Resp: 61627

Ion Ratio Lower Upper

156 100

77 234.3 120.2 360.6

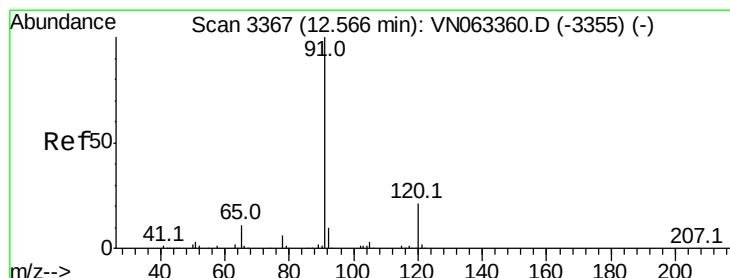
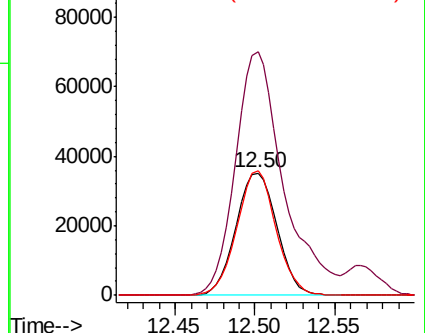
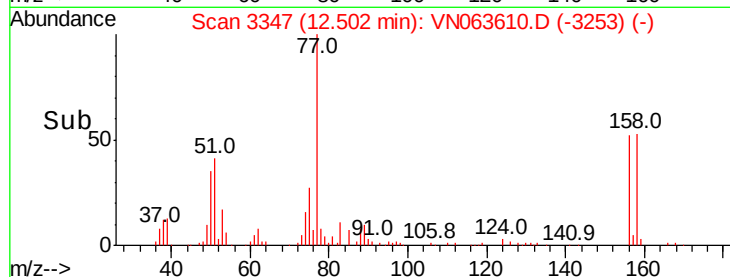
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.382 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063610.D

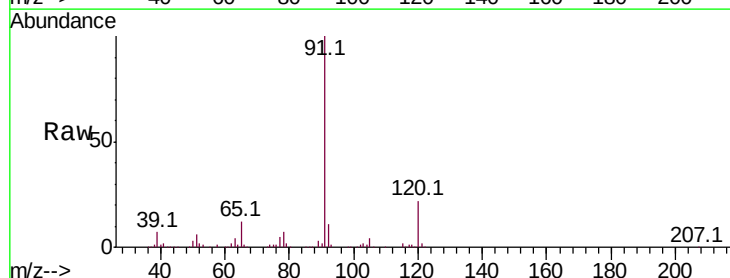
Acq: 24 Sep 2020 00:53

Tgt Ion: 91 Resp: 294929

Ion Ratio Lower Upper

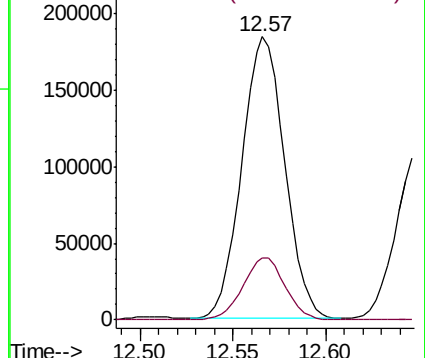
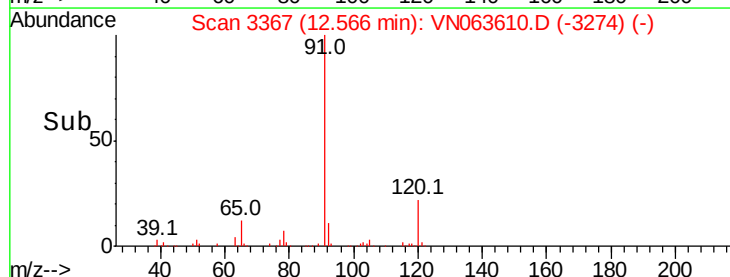
91 100

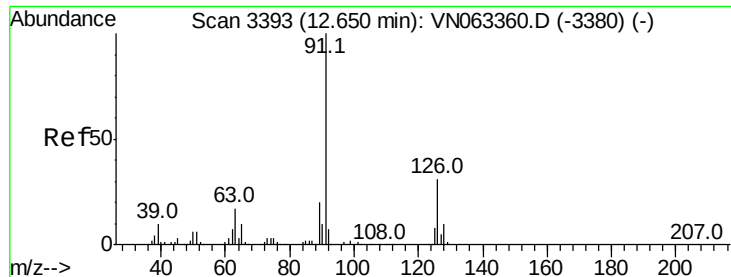
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

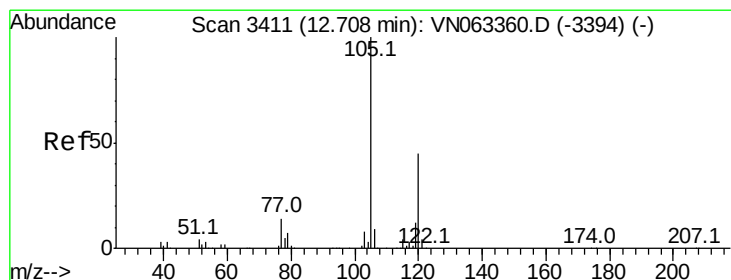
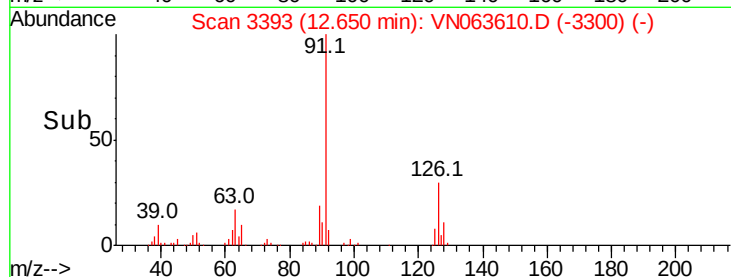
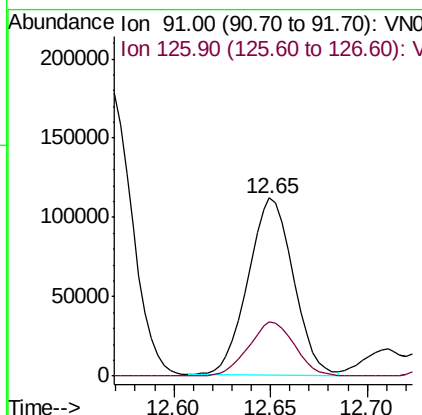
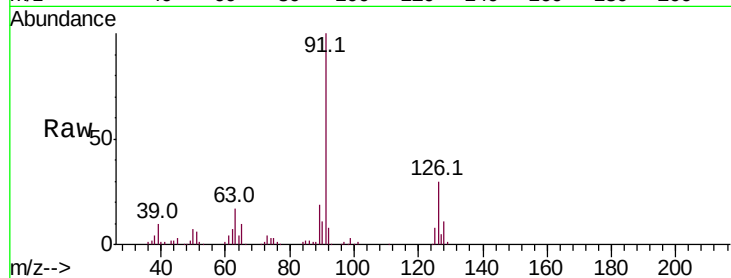




#79
 2-Chlorotoluene
 Concen: 17.883 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

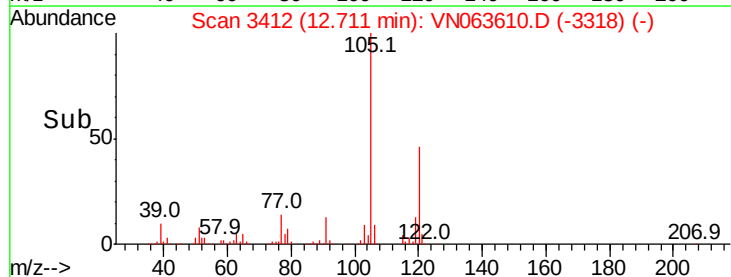
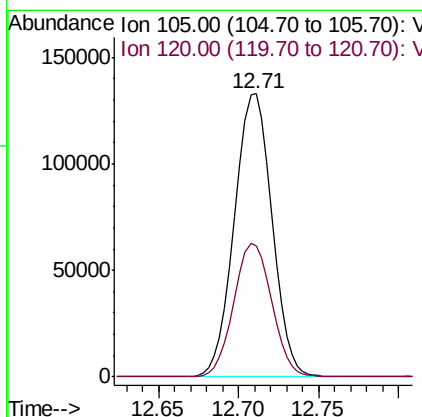
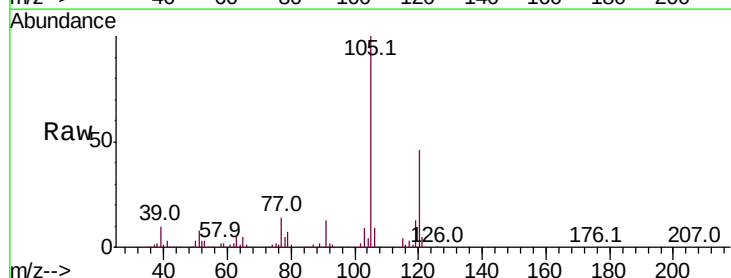
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

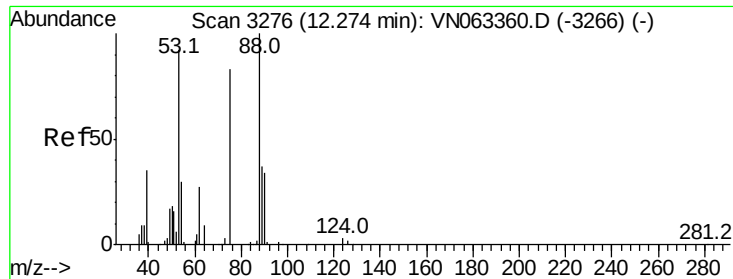
Tot Ion: 91 Resp: 181894
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 17.588 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion: 105 Resp: 213654
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.343 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

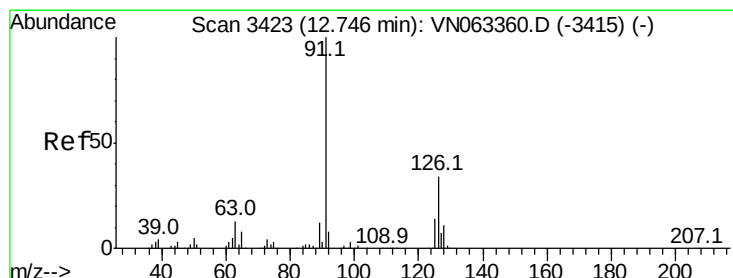
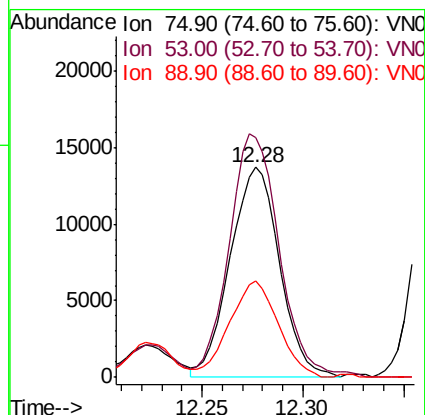
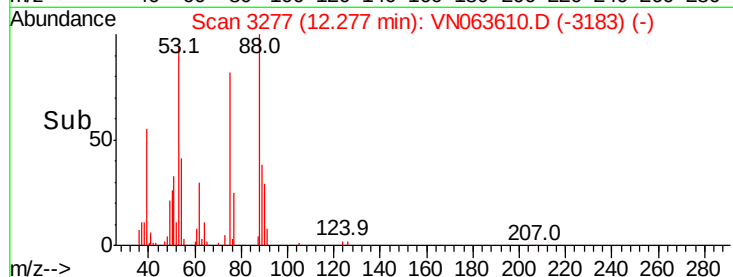
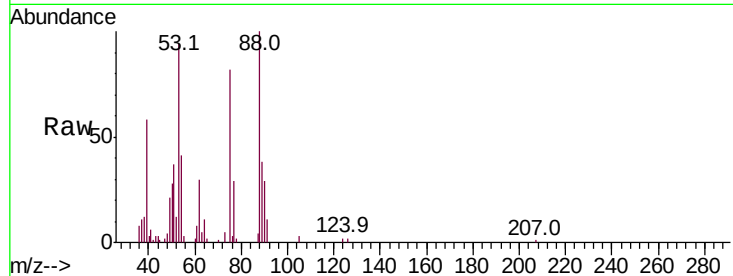
MSVOA_N

ClientSampleId :

VN0923WBS02

Tot Ion: 75 Resp: 23540

Ion	Ratio	Lower	Upper
75	100		
53	117.5	85.7	128.5
89	45.3	38.0	57.0



#82

4-Chlorotoluene

Concen: 17.781 ug/l

RT: 12.75 min Scan# 3424

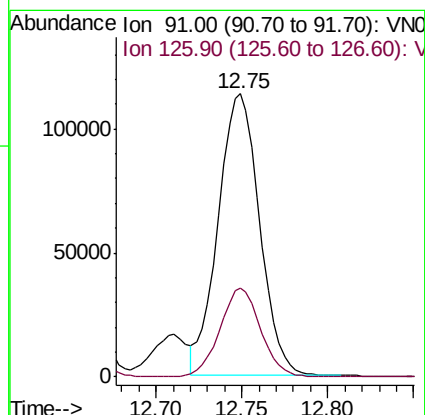
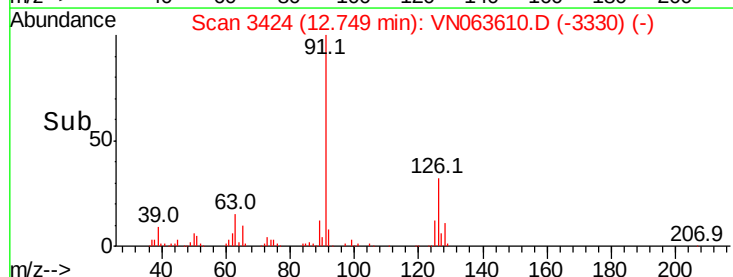
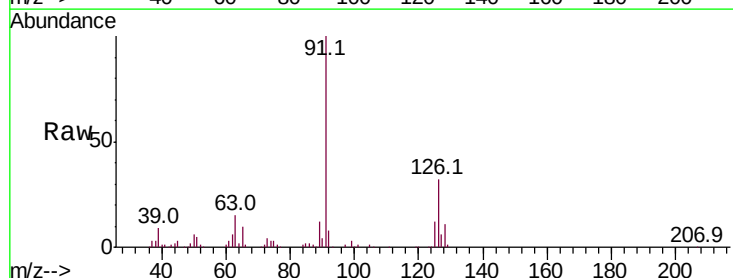
Delta R.T. 0.00 min

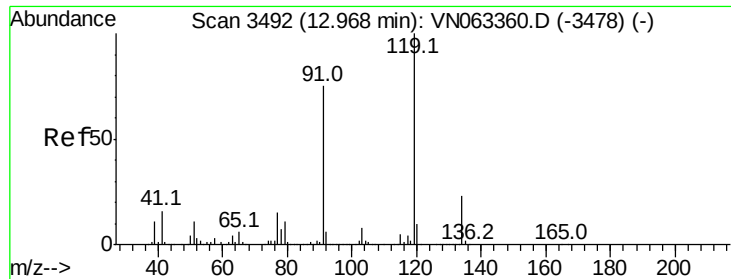
Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion: 91 Resp: 191090

Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.5	46.5

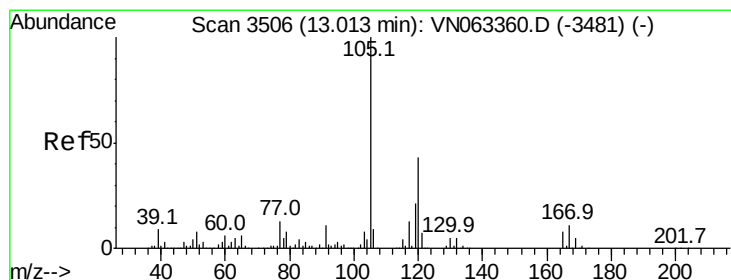
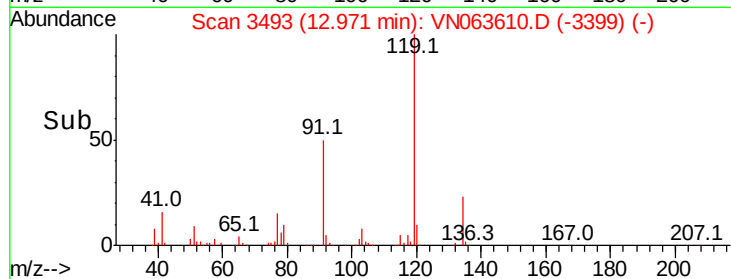
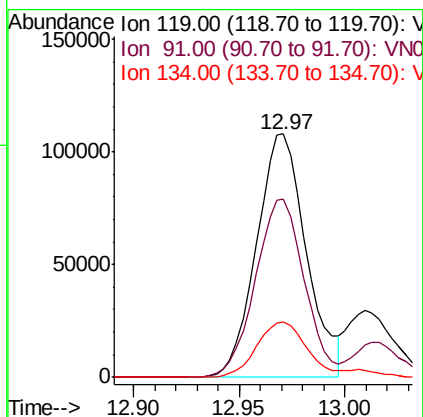
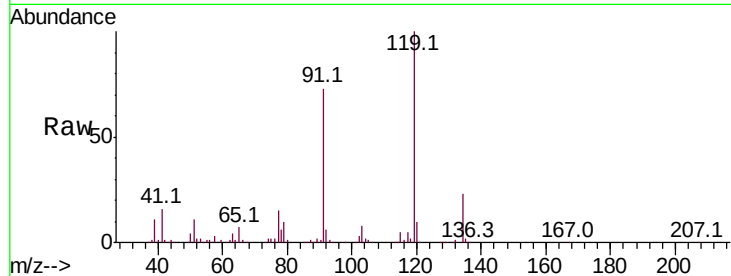




#83
 tert-Butylbenzene
 Concen: 17.712 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

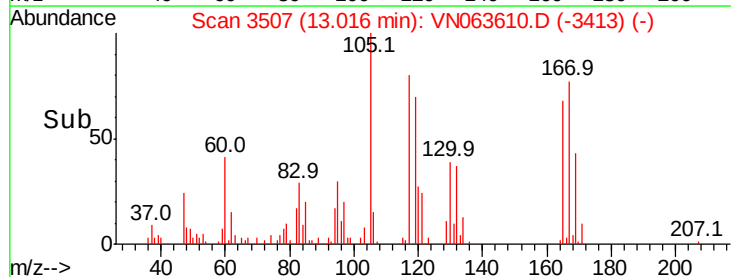
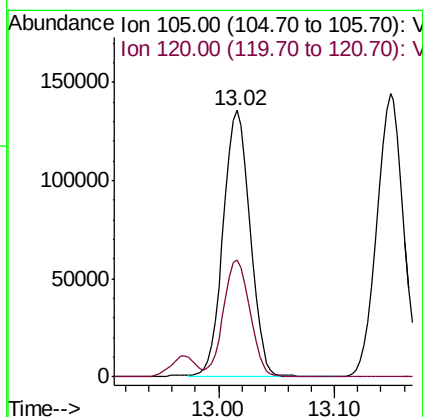
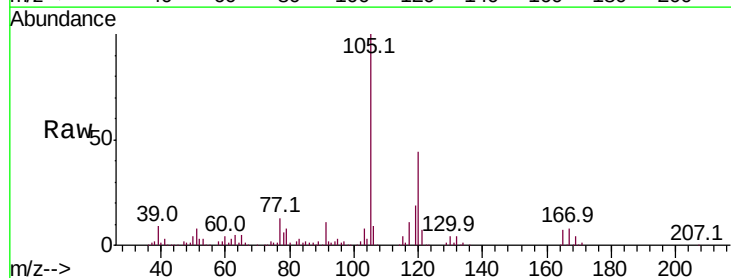
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

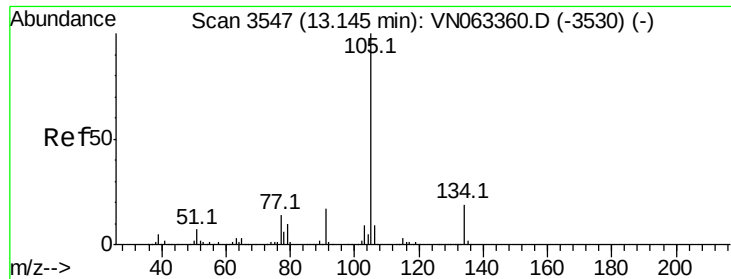
Tot Ion:119 Resp: 177582
 Ion Ratio Lower Upper
 119 100
 91 71.9 36.3 108.9
 134 23.0 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.692 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063610.D
 Acq: 24 Sep 2020 00:53

Tgt Ion:105 Resp: 217092
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 17.340 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

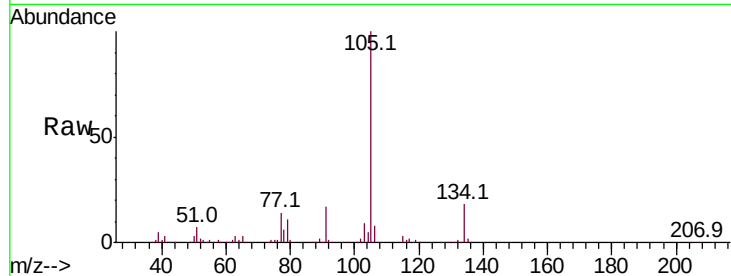
VN0923WBS02

Tot Ion:105 Resp: 232712

Ion Ratio Lower Upper

105 100

134 18.2 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

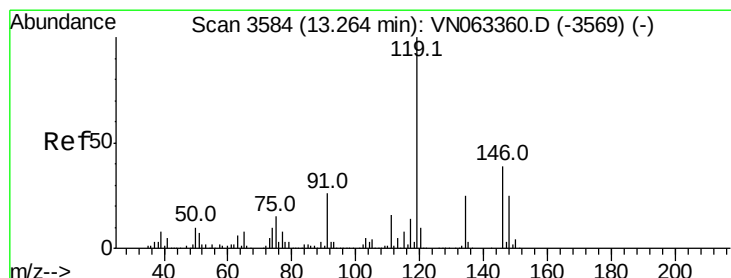
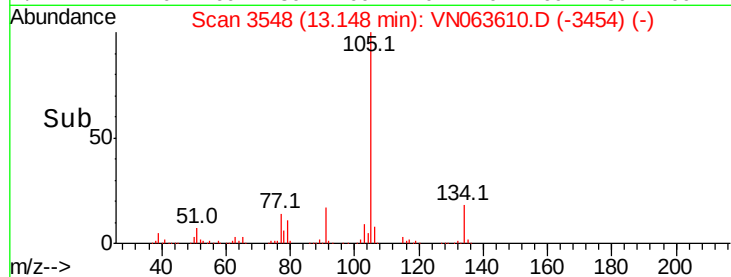
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 16.900 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

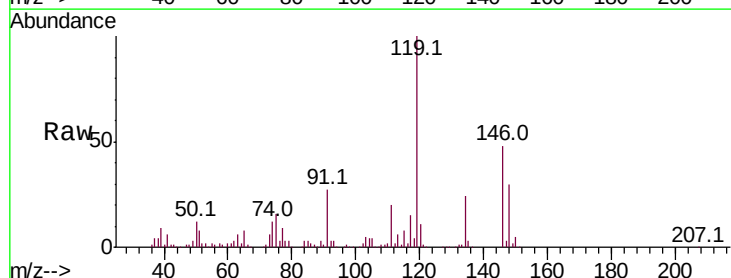
Tgt Ion:119 Resp: 200052

Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 26.9 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

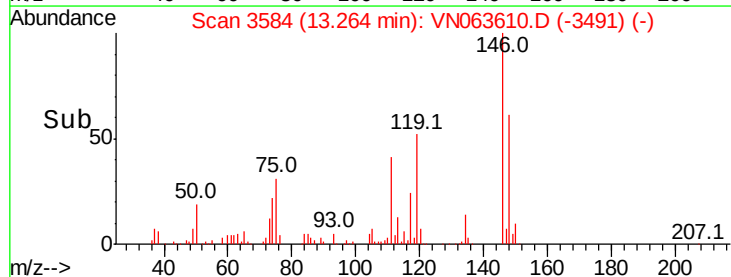
150000

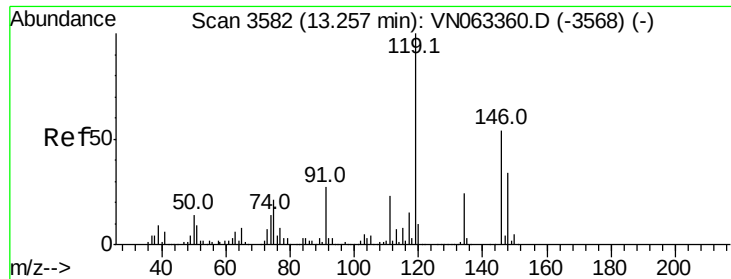
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.191 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

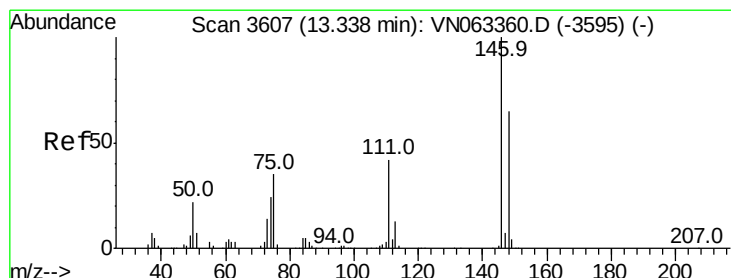
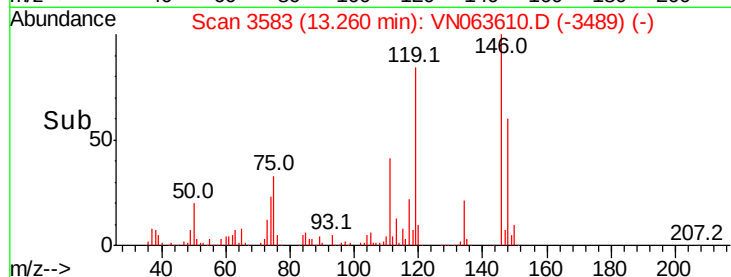
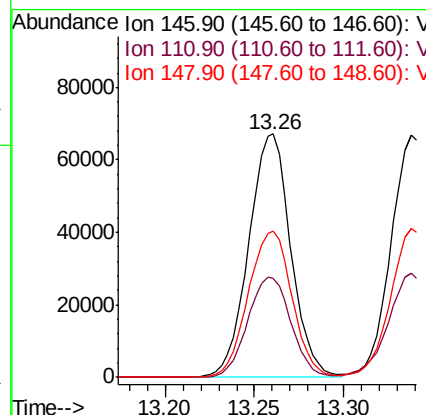
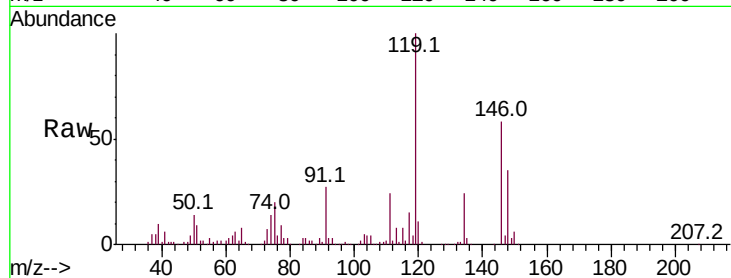
Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tot Ion:146 Resp: 110488

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	62.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 17.880 ug/l

RT: 13.34 min Scan# 3607

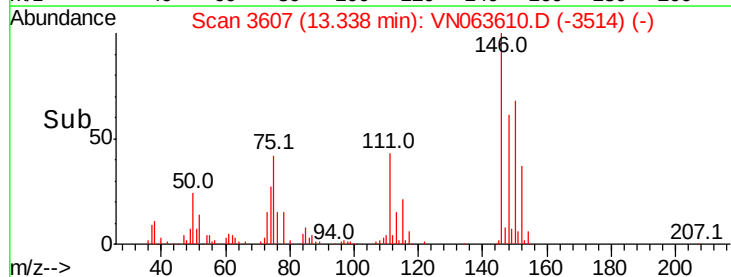
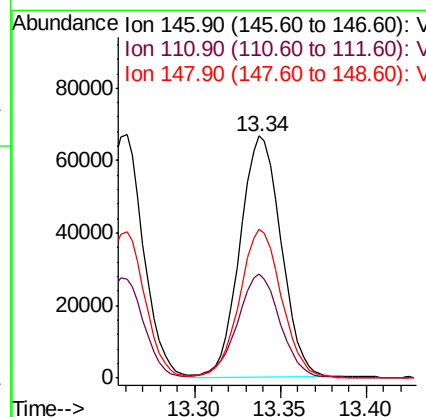
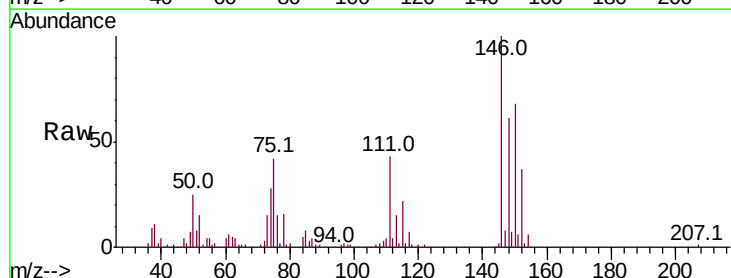
Delta R.T. -0.00 min

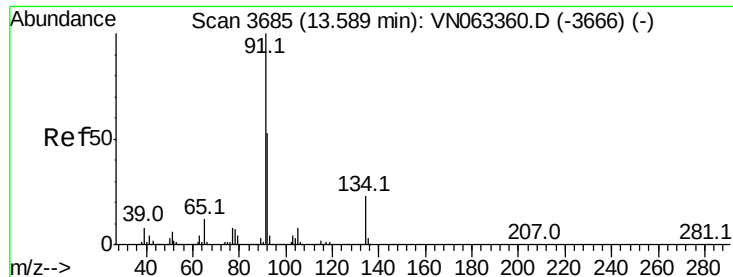
Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Tgt Ion:146 Resp: 110413

Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.2	63.6
148	62.6	31.9	95.9





#89

n-Butylbenzene

Concen: 15.901 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

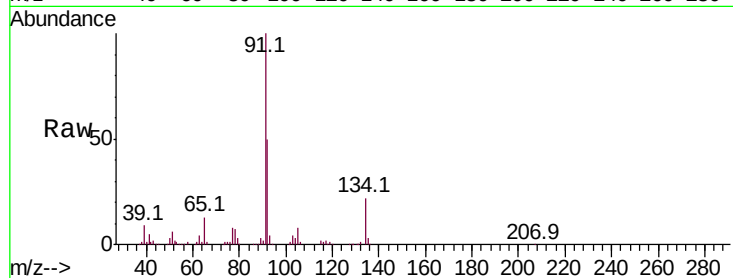
Tot Ion: 91 Resp: 173491

Ion Ratio Lower Upper

91 100

92 50.5 26.0 78.0

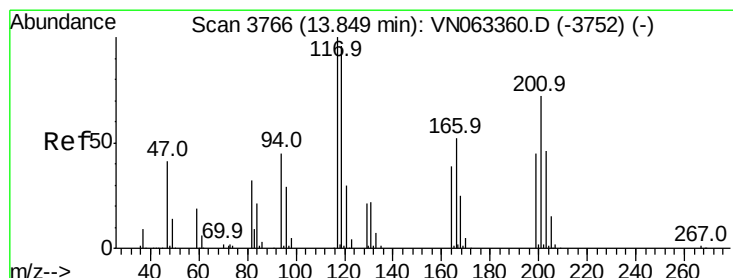
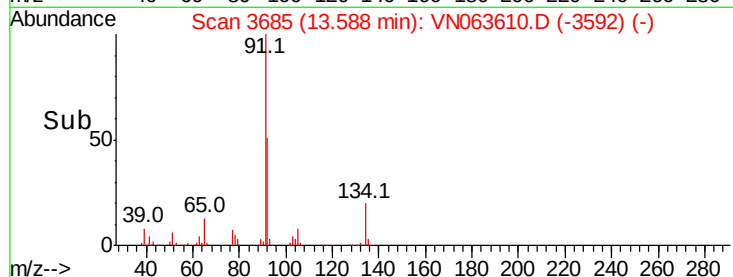
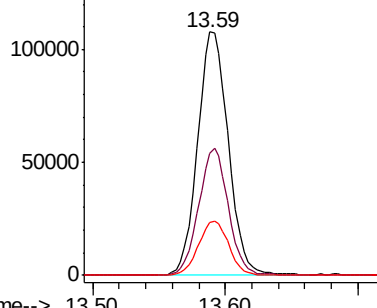
134 22.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063610.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN063610.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN063610.D (-3685) (-)



#90

Hexachloroethane

Concen: 16.052 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063610.D

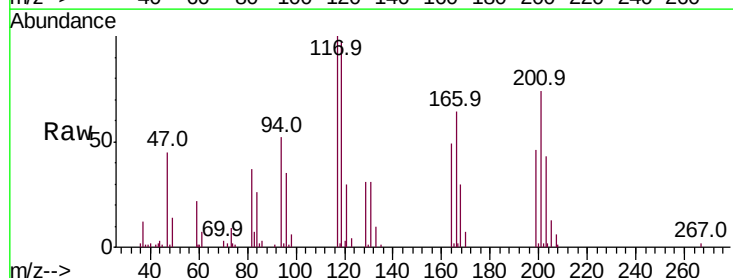
Acq: 24 Sep 2020 00:53

Tgt Ion: 117 Resp: 36182

Ion Ratio Lower Upper

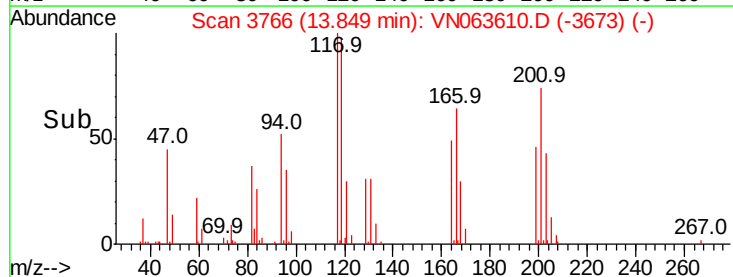
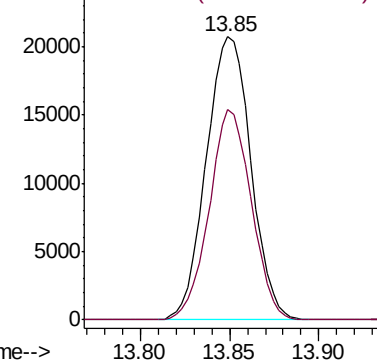
117 100

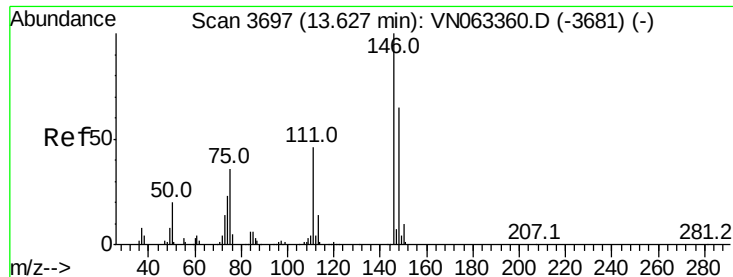
201 69.9 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063610.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN063610.D (-3766) (-)





#91

1,2-Dichlorobenzene

Concen: 18.408 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

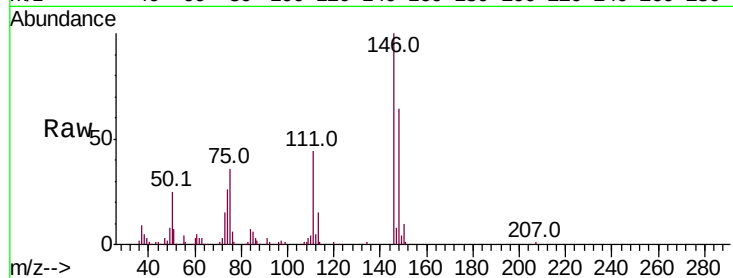
Tot Ion:146 Resp: 109768

Ion Ratio Lower Upper

146 100

111 45.7 22.4 67.2

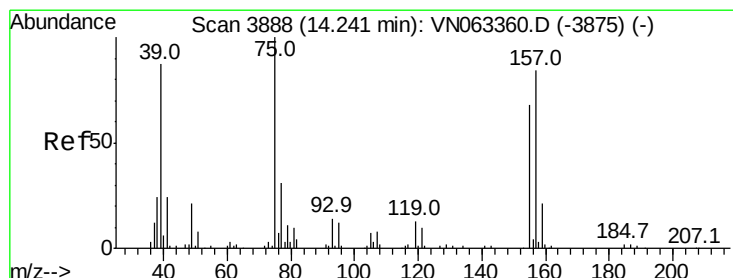
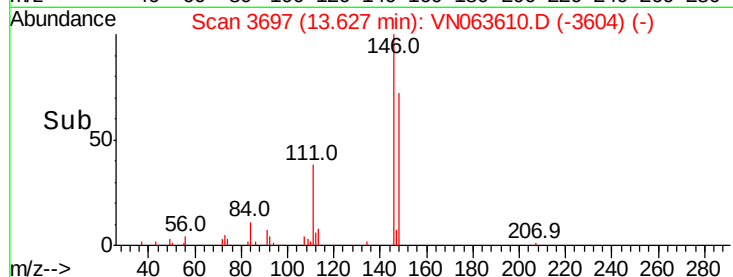
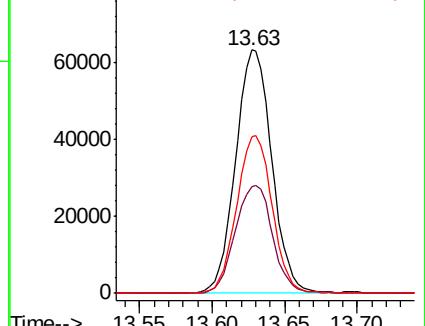
148 63.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.617 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

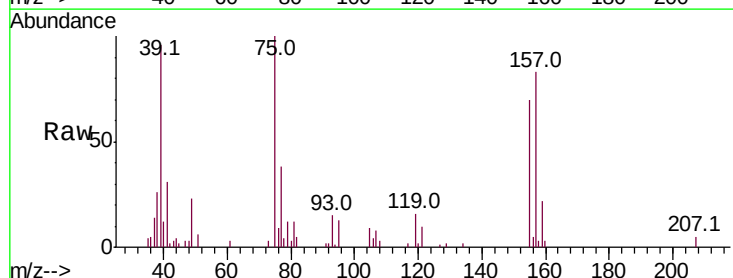
Tgt Ion: 75 Resp: 17849

Ion Ratio Lower Upper

75 100

155 68.6 34.6 103.9

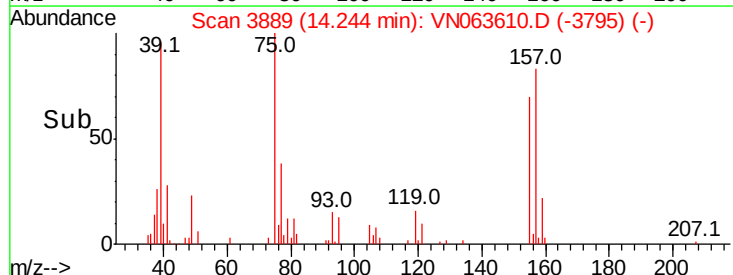
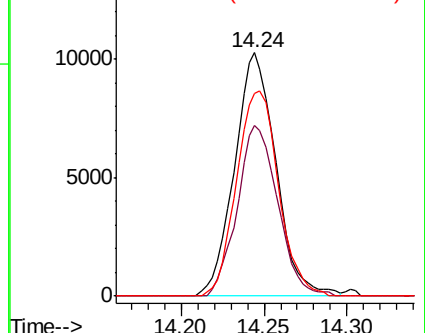
157 85.4 43.7 131.1

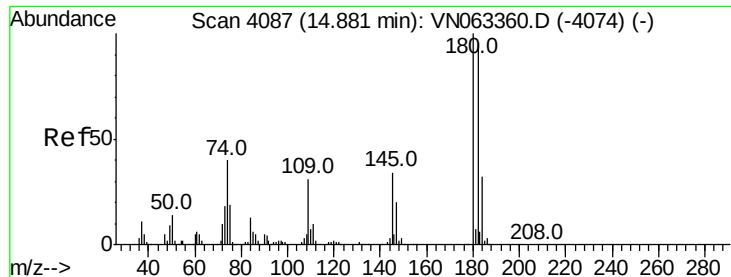


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 15.944 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

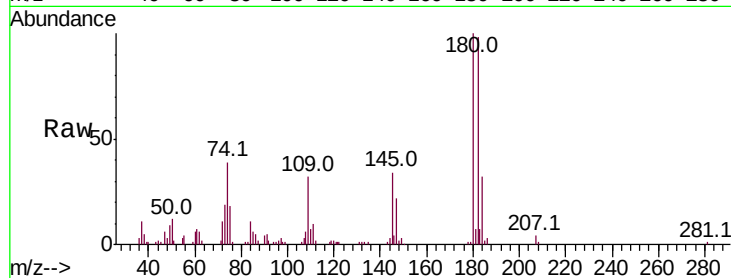
Tot Ion:180 Resp: 56050

Ion Ratio Lower Upper

180 100

182 97.5 47.3 142.0

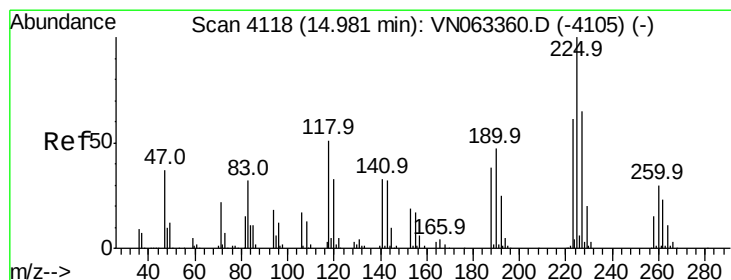
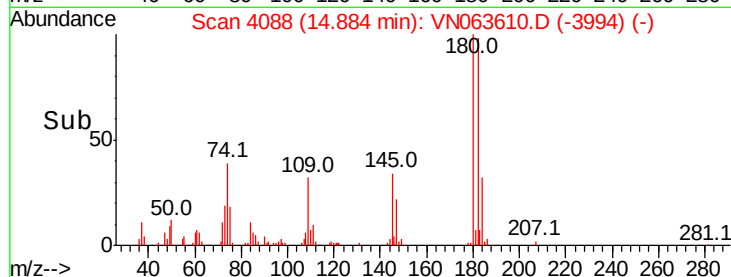
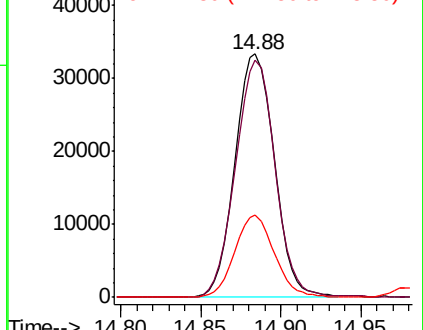
145 33.7 16.6 49.7



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: 18.662 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

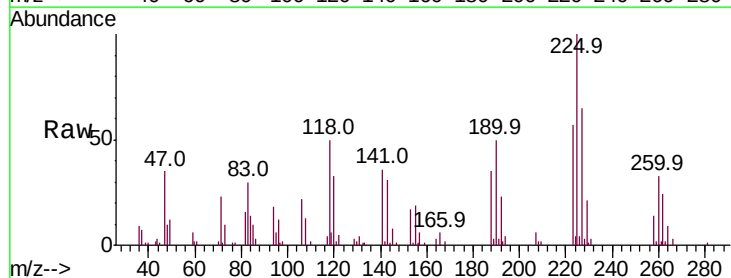
Tgt Ion:225 Resp: 27160

Ion Ratio Lower Upper

225 100

223 60.2 30.6 91.6

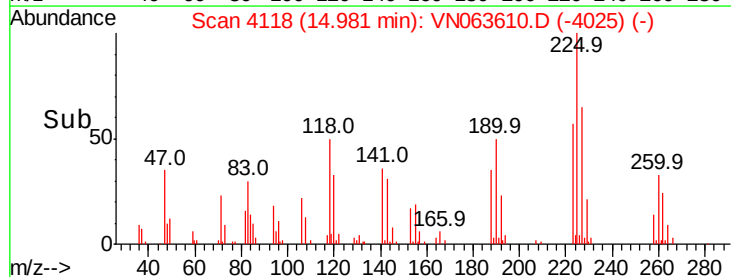
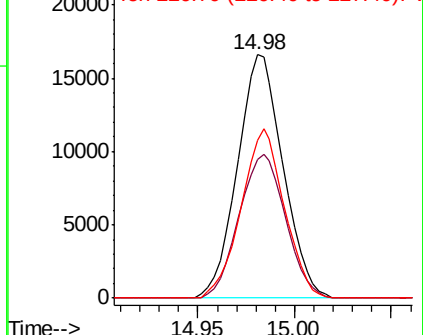
227 65.7 31.2 93.6

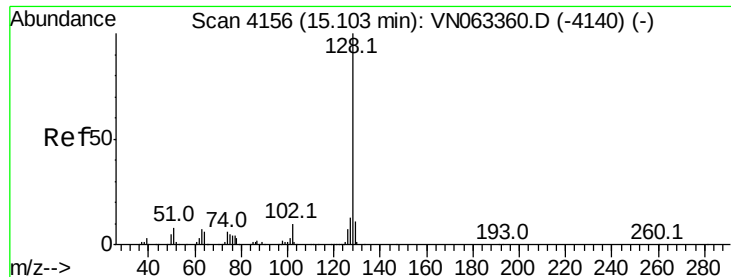


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 15.834 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

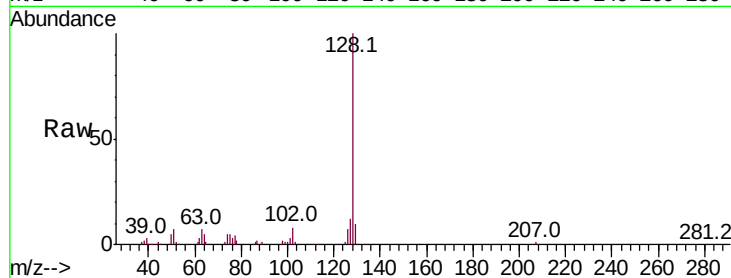
Tot Ion:128 Resp: 183900

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

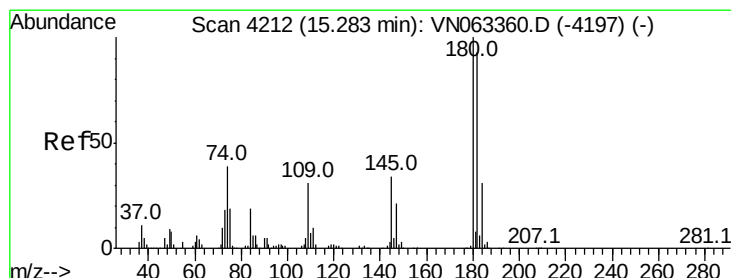
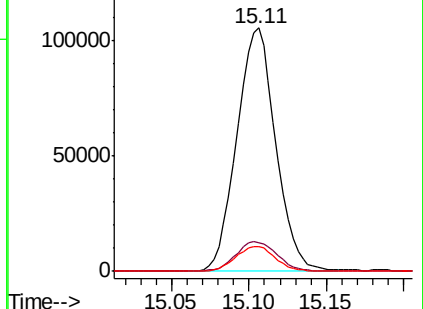
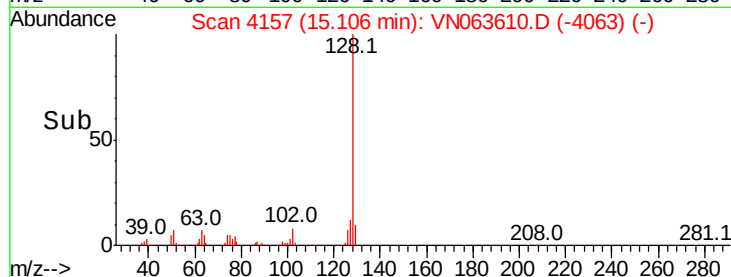
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.317 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063610.D

Acq: 24 Sep 2020 00:53

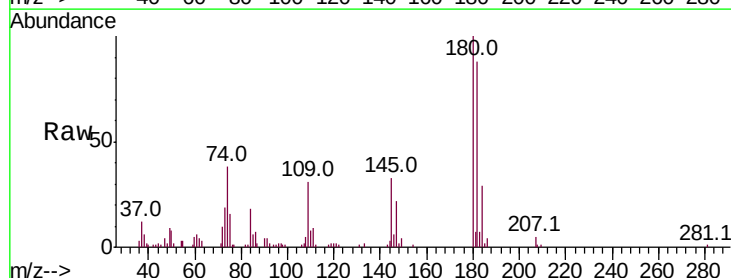
Tgt Ion:180 Resp: 55423

Ion Ratio Lower Upper

180 100

182 92.9 46.7 140.1

145 33.9 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

