

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063792.D
 Acq On : 2 Oct 2020 00:32
 Operator : JC/MD
 Sample : VN1001WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Quant Time: Oct 02 03:50:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	236267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	406799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	384449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209677	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
35) Dibromofluoromethane	7.55	113	141648	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.06	98	509446	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	189665	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43305	17.371	ug/l	95
3) Chloromethane	2.04	50	55192	18.868	ug/l	98
4) Vinyl Chloride	2.16	62	54531	18.571	ug/l	97
5) Bromomethane	2.54	94	34686	18.780	ug/l	92
6) Chloroethane	2.68	64	34859	19.867	ug/l	100
7) Trichlorofluoromethane	2.99	101	88965	19.104	ug/l	96
8) Diethyl Ether	3.37	74	32734	20.784	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44106	17.720	ug/l	98
10) Methyl Iodide	3.91	142	53354	18.461	ug/l	99
11) Tert butyl alcohol	4.73	59	46230	107.278	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	43669	18.355	ug/l	98
13) Acrolein	3.57	56	21954	83.007	ug/l	98
14) Allyl chloride	4.28	41	77577	17.551	ug/l	95
15) Acrylonitrile	4.93	53	124037	100.555	ug/l	99
16) Acetone	3.77	43	121376	101.015	ug/l	96
17) Carbon Disulfide	4.01	76	117618	18.735	ug/l	99
18) Methyl Acetate	4.28	43	64803	20.772	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	176794	20.453	ug/l	99
20) Methylene Chloride	4.51	84	58484	21.307	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	49113	18.430	ug/l	96
22) Diisopropyl ether	5.90	45	189897	20.882	ug/l	96
23) Vinyl Acetate	5.85	43	769361	102.132	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104150	20.030	ug/l	99
25) 2-Butanone	6.78	43	181456	106.519	ug/l	98
26) 2,2-Dichloropropane	6.78	77	71477	15.011	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	59057	19.269	ug/l	98
28) Bromochloromethane	7.15	49	57707	22.455	ug/l	99
29) Tetrahydrofuran	7.17	42	122303	107.045	ug/l	96
30) Chloroform	7.33	83	108364	19.988	ug/l	97
31) Cyclohexane	7.61	56	78592	17.343	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	95619	19.553	ug/l	99
36) 1,1-Dichloropropene	7.75	75	72143	17.505	ug/l	99
37) Ethyl Acetate	6.88	43	76245	18.621	ug/l	99
38) Carbon Tetrachloride	7.73	117	82334	17.816	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063792.D
 Acq On : 2 Oct 2020 00:32
 Operator : JC/MD
 Sample : VN1001WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

Quant Time: Oct 02 03:50:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63359	15.416	ug/l	99
40) Benzene	8.00	78	218032	18.522	ug/l	100
41) Methacrylonitrile	7.13	41	35950	19.755	ug/l	93
42) 1,2-Dichloroethane	8.08	62	95751	19.056	ug/l	100
43) Isopropyl Acetate	8.13	43	132361	19.598	ug/l #	90
44) Trichloroethene	8.80	130	53918	17.482	ug/l	97
45) 1,2-Dichloropropane	9.09	63	62668	19.713	ug/l	99
46) Dibromomethane	9.17	93	42475	19.368	ug/l	97
47) Bromodichloromethane	9.37	83	89056	19.703	ug/l	99
48) Methyl methacrylate	9.17	41	66639	19.971	ug/l	95
49) 1,4-Dioxane	9.16	88	18485	389.789	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	403954	101.921	ug/l	100
52) Toluene	10.13	92	135839	18.657	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	86771	17.909	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	92254	18.207	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56075	19.204	ug/l	95
56) Ethyl methacrylate	10.40	69	79629	19.239	ug/l	99
57) 1,3-Dichloropropane	10.68	76	96250	19.484	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	205755	92.936	ug/l	99
59) 2-Hexanone	10.72	43	287039	97.491	ug/l	97
60) Dibromochloromethane	10.87	129	62076	18.255	ug/l	99
61) 1,2-Dibromoethane	10.98	107	57149	19.133	ug/l	97
64) Tetrachloroethene	10.60	164	48839	16.420	ug/l	98
65) Chlorobenzene	11.41	112	140995	17.879	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	55258	18.277	ug/l	95
67) Ethyl Benzene	11.49	91	252315	17.583	ug/l	98
68) m/p-Xylenes	11.60	106	187473	35.053	ug/l	99
69) o-Xylene	11.92	106	89595	17.923	ug/l	98
70) Styrene	11.94	104	152999	18.031	ug/l	99
71) Bromoform	12.10	173	40798	17.644	ug/l #	96
73) Isopropylbenzene	12.23	105	231453	18.280	ug/l	99
74) N-amyl acetate	12.05	43	109114	19.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79243	20.467	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	108554	28.368	ug/l #	100
77) Bromobenzene	12.50	156	59562	19.171	ug/l	96
78) n-propylbenzene	12.57	91	264566	17.954	ug/l	98
79) 2-Chlorotoluene	12.65	91	168333	18.574	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	195661	18.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23171	17.440	ug/l	93
82) 4-Chlorotoluene	12.75	91	175790	18.685	ug/l	100
83) tert-Butylbenzene	12.97	119	154778	17.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	198147	18.683	ug/l	100
85) sec-Butylbenzene	13.15	105	198040	17.353	ug/l	99
86) p-Isopropyltoluene	13.26	119	173418	17.177	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	101671	18.089	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	104708	17.892	ug/l	99
89) n-Butylbenzene	13.59	91	149800	16.076	ug/l	99
90) Hexachloroethane	13.85	117	33595	17.172	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	105355	18.924	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18387	20.250	ug/l	95

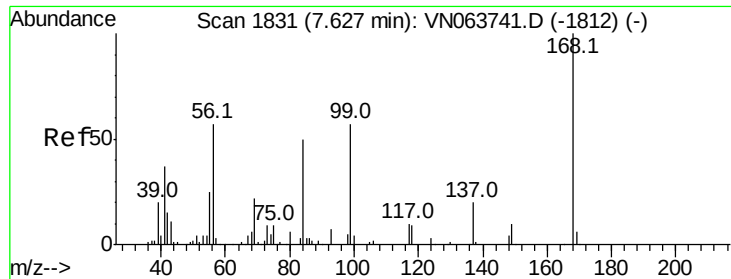
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063792.D
Acq On : 2 Oct 2020 00:32
Operator : JC/MD
Sample : VN1001WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Quant Time: Oct 02 03:50:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47832	16.988	ug/l	96
94) Hexachlorobutadiene	14.98	225	25761	17.110	ug/l	98
95) Naphthalene	15.11	128	157239	18.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	47715	17.310	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

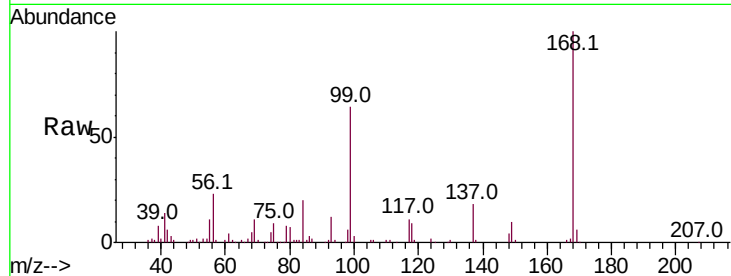
VN1001WBS02

Tot Ion:168 Resp: 236267

Ion Ratio Lower Upper

168 100

99 63.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

40000

20000

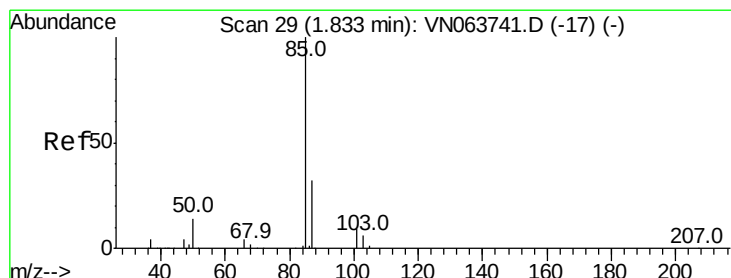
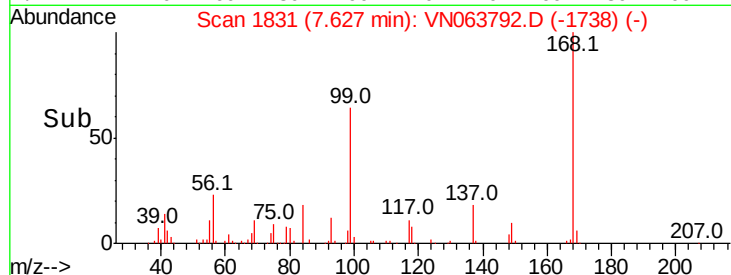
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 17.371 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063792.D

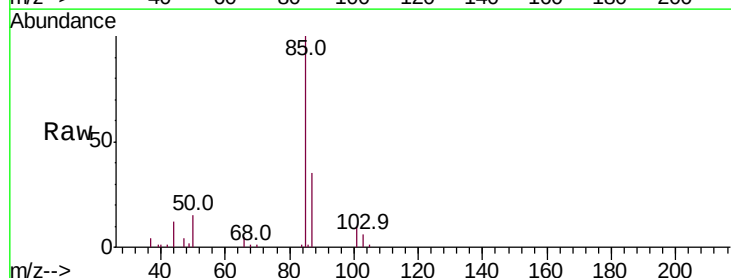
Acq: 2 Oct 2020 00:32

Tgt Ion: 85 Resp: 43305

Ion Ratio Lower Upper

85 100

87 34.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

20000

10000

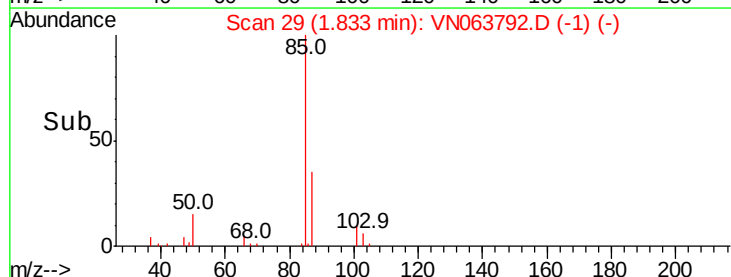
0

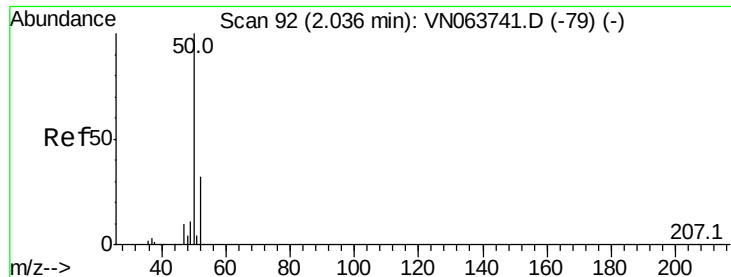
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 18.868 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

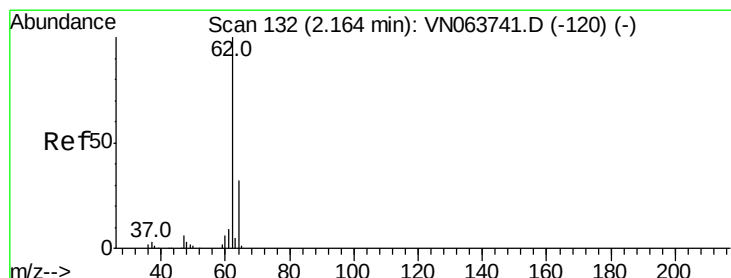
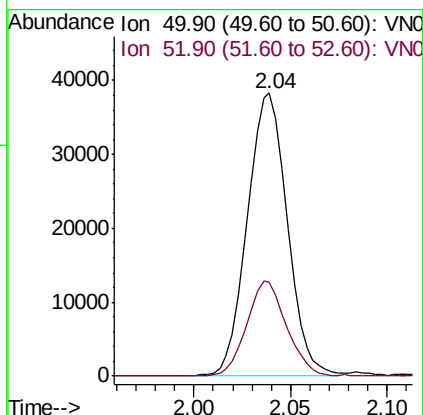
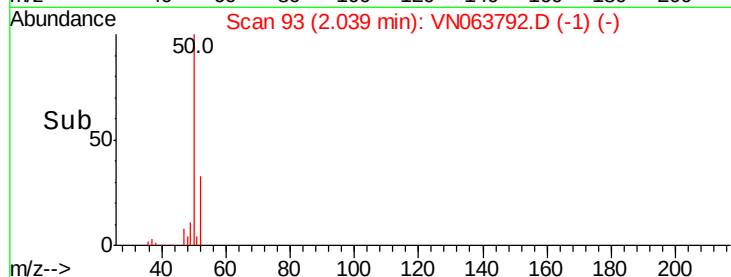
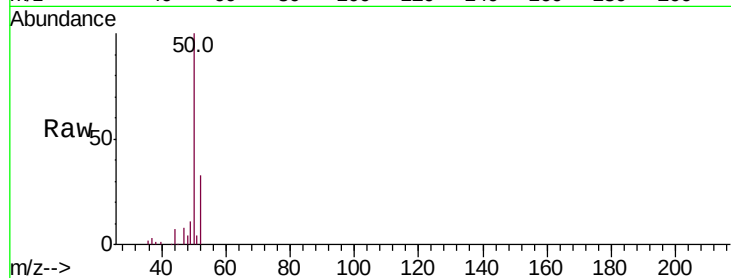
VN1001WBS02

Tot Ion: 50 Resp: 55192

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.8



#4

Vinyl Chloride

Concen: 18.571 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063792.D

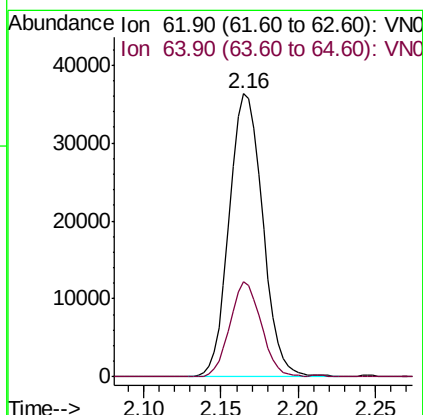
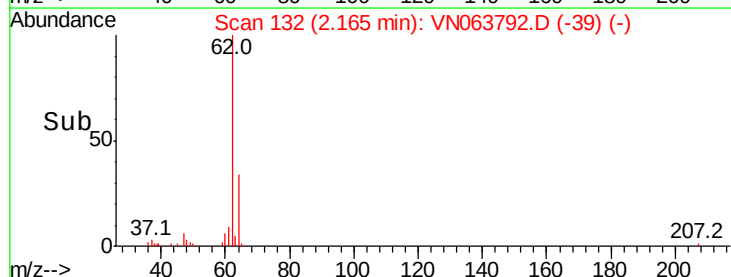
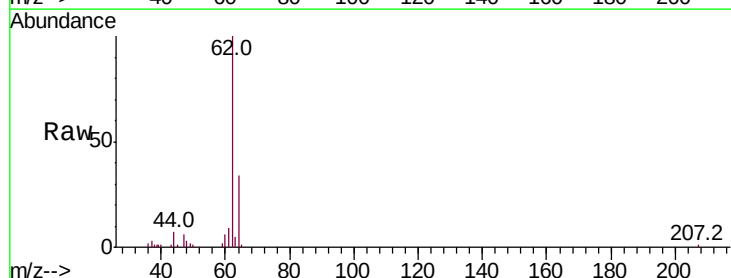
Acq: 2 Oct 2020 00:32

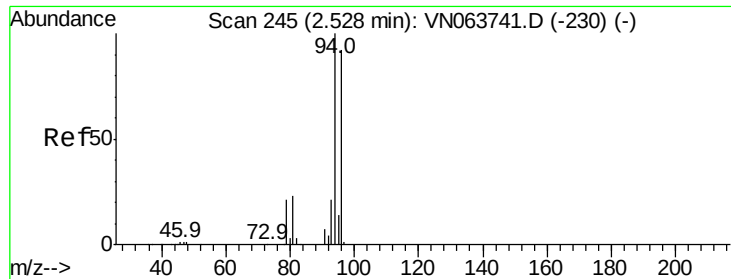
Tgt Ion: 62 Resp: 54531

Ion Ratio Lower Upper

62 100

64 33.6 25.6 38.4





#5

Bromomethane

Concen: 18.780 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

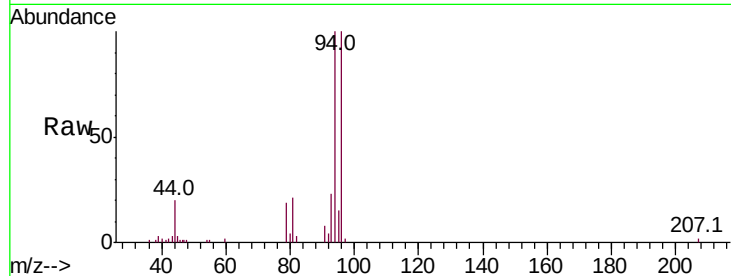
VN1001WBS02

Tot Ion: 94 Resp: 34686

Ion Ratio Lower Upper

94 100

96 99.6 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063792.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063792.D (-152) (-)

20000

15000

10000

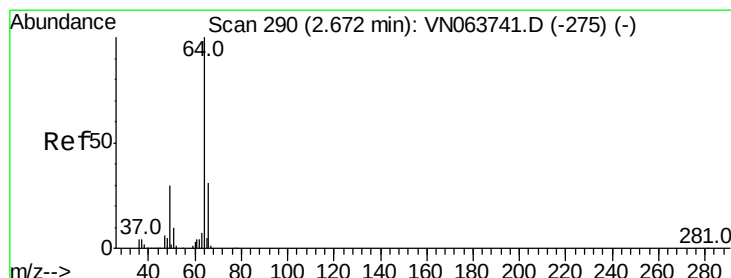
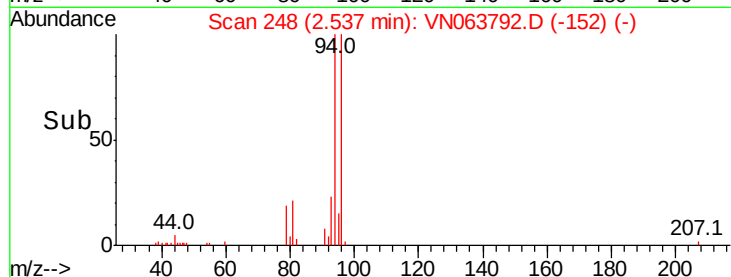
5000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.54



#6

Chloroethane

Concen: 19.867 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063792.D

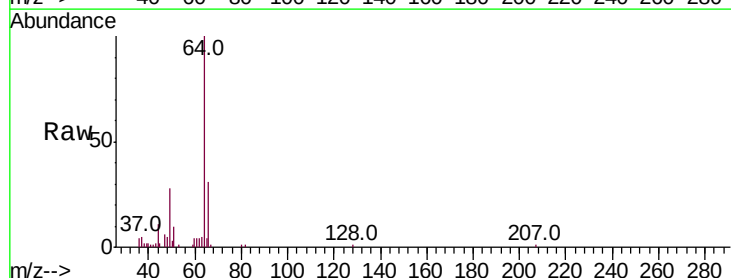
Acq: 2 Oct 2020 00:32

Tgt Ion: 64 Resp: 34859

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063792.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN063792.D (-197) (-)

20000

15000

10000

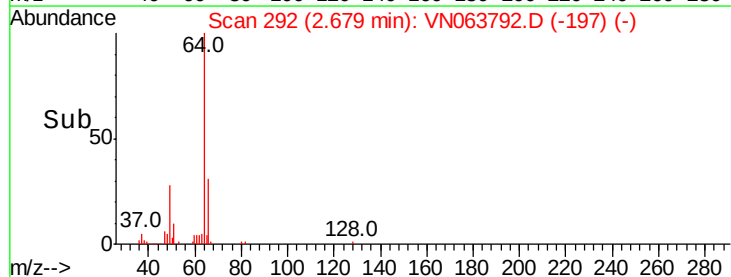
5000

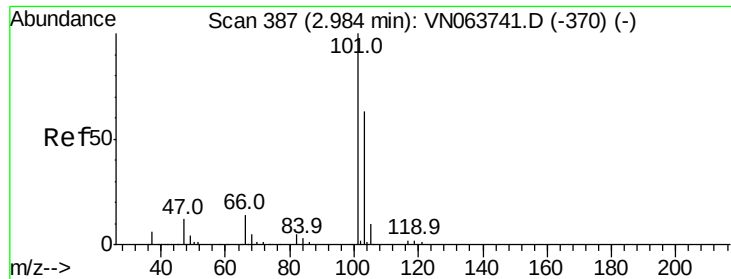
0

Time-->

2.60 2.65 2.70 2.75

2.68





#7

Trichlorofluoromethane

Concen: 19.104 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

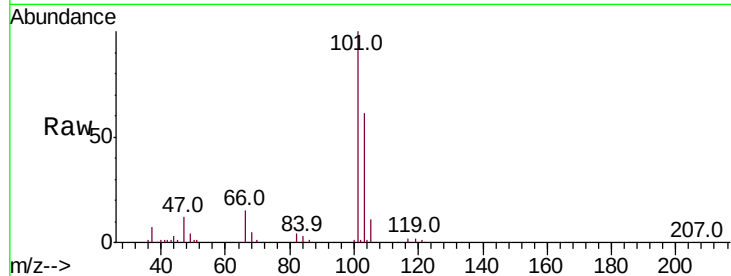
VN1001WBS02

Tot Ion:101 Resp: 88965

Ion Ratio Lower Upper

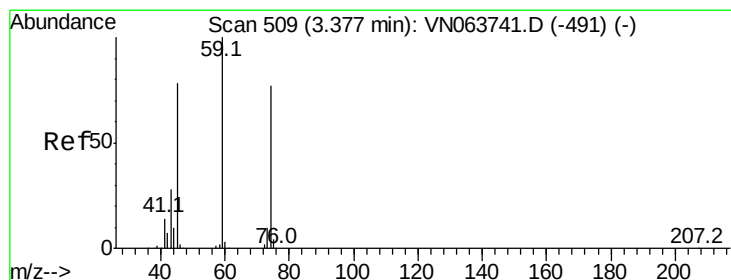
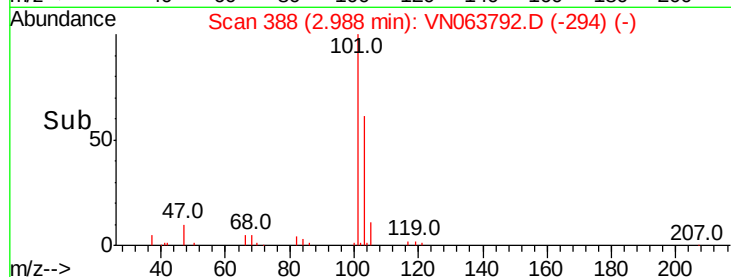
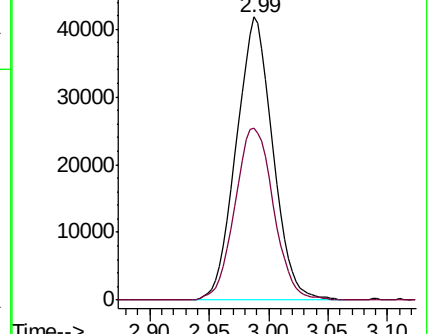
101 100

103 60.7 50.7 76.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.784 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063792.D

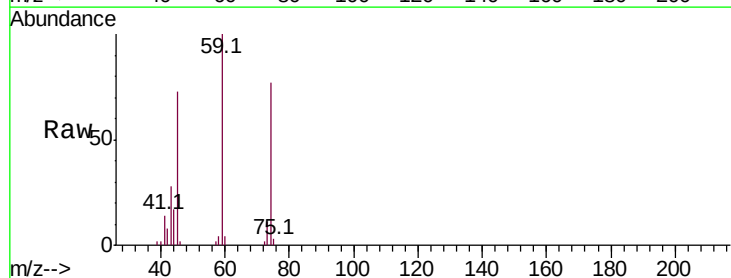
Acq: 2 Oct 2020 00:32

Tgt Ion: 74 Resp: 32734

Ion Ratio Lower Upper

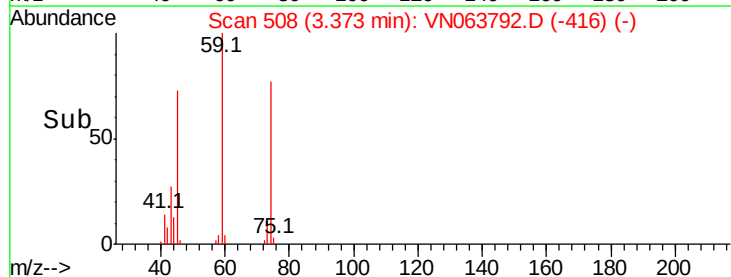
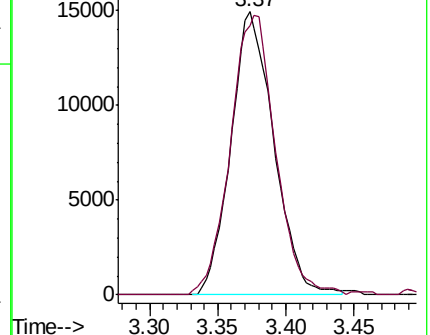
74 100

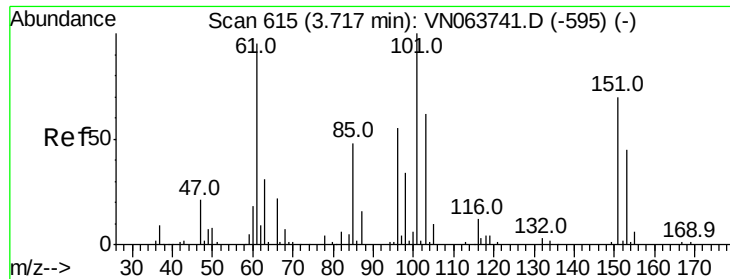
45 103.5 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.720 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

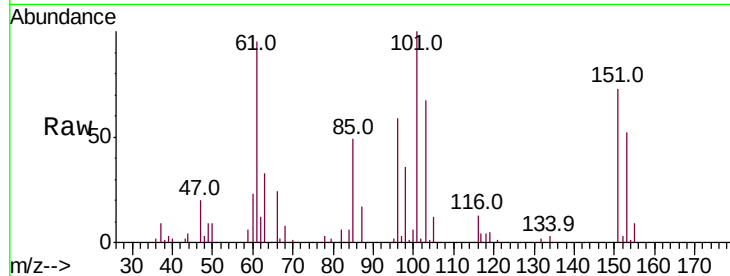
Tot Ion:101 Resp: 44106

Ion Ratio Lower Upper

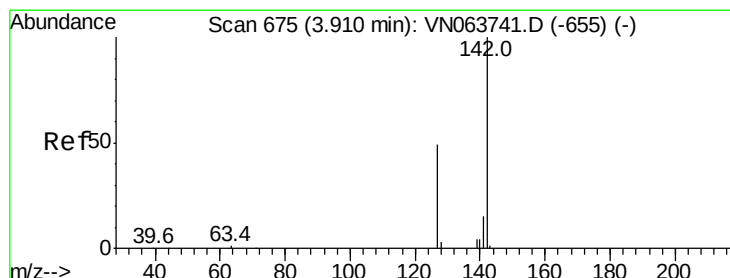
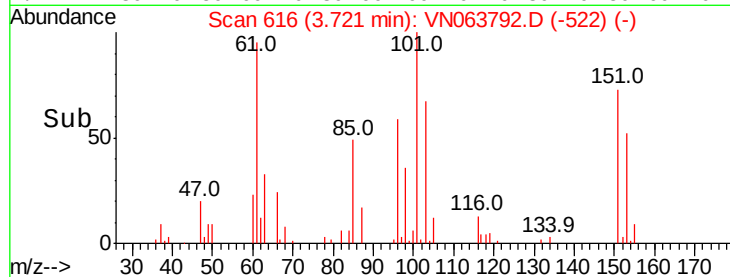
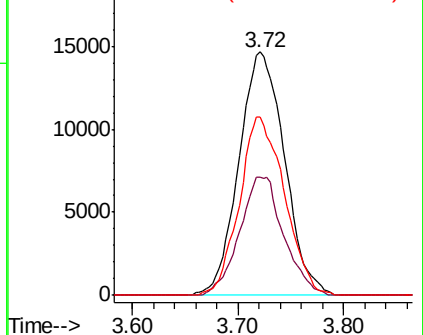
101 100

85 46.9 38.6 58.0

151 72.3 58.7 88.1



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: 18.461 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

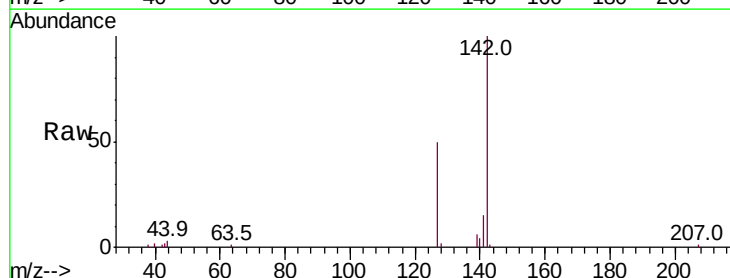
Tgt Ion:142 Resp: 53354

Ion Ratio Lower Upper

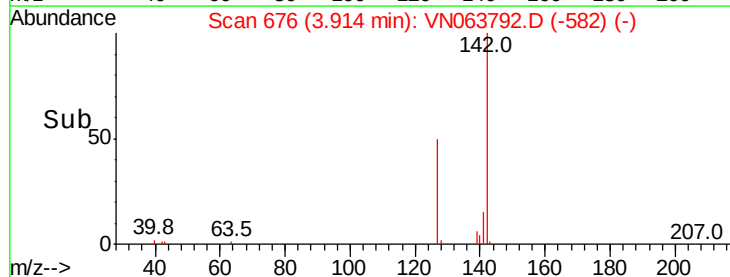
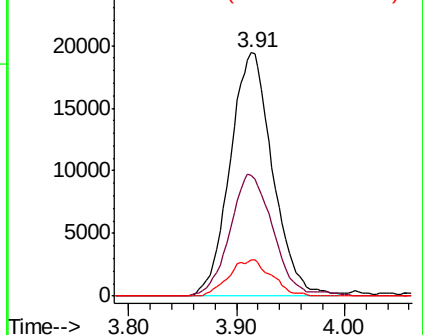
142 100

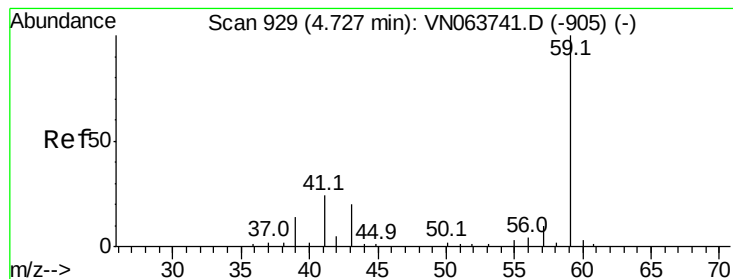
127 50.1 40.5 60.7

141 14.9 11.7 17.5



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



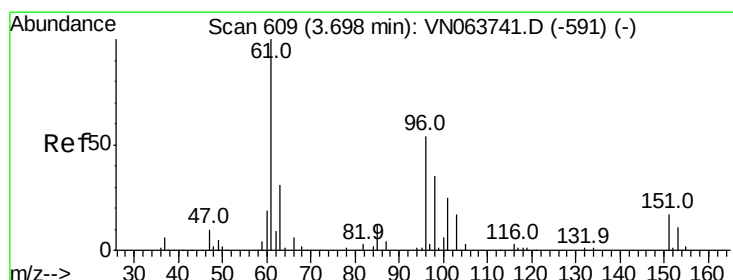
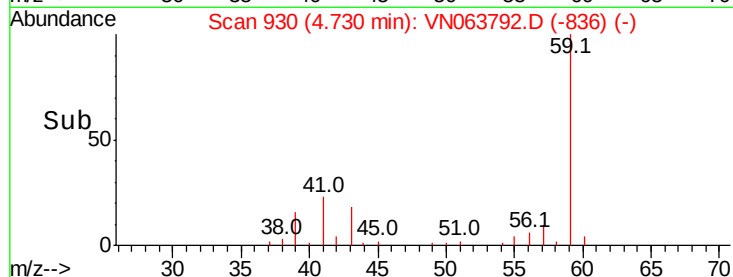
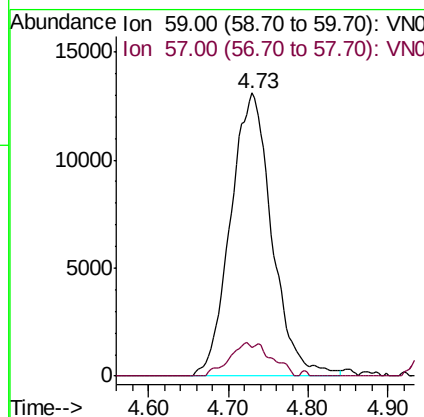
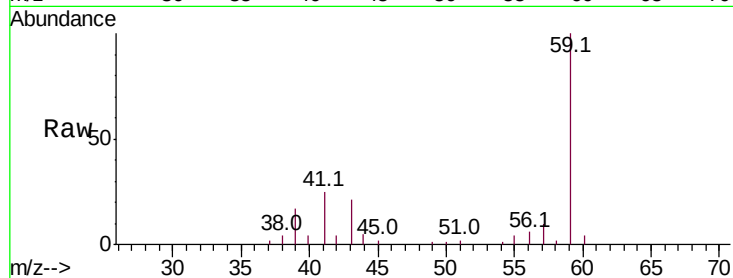


#11

Tert butyl alcohol
 Concen: 107.278 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

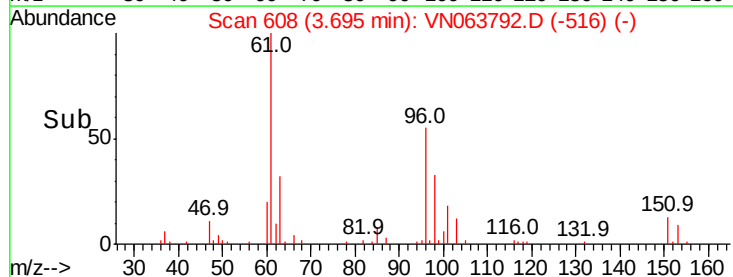
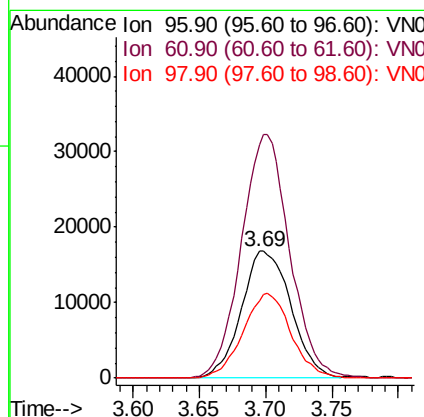
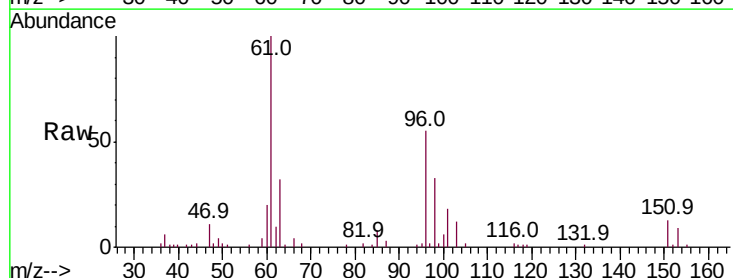
Tot Ion: 59 Resp: 46230
 Ion Ratio Lower Upper
 59 100
 57 6.6 8.7 13.1#

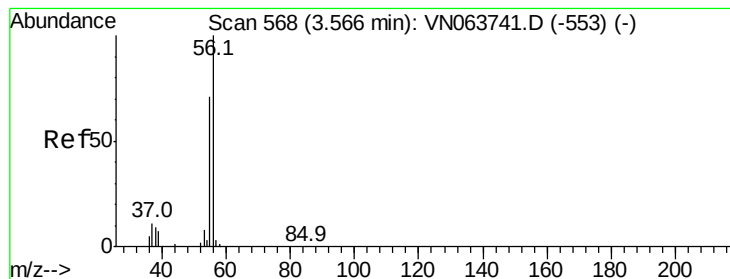


#12

1,1-Dichloroethene
 Concen: 18.355 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 96 Resp: 43669
 Ion Ratio Lower Upper
 96 100
 61 183.4 147.7 221.5
 98 60.9 51.9 77.9





#13

Acrolein

Concen: 83.007 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

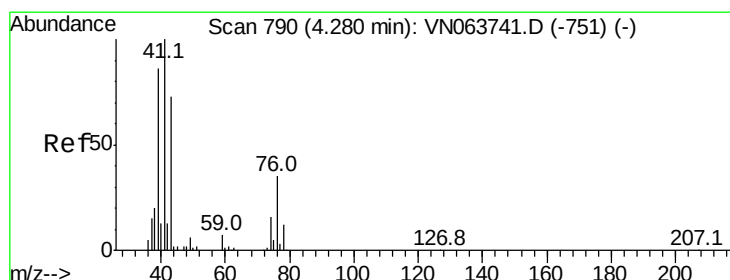
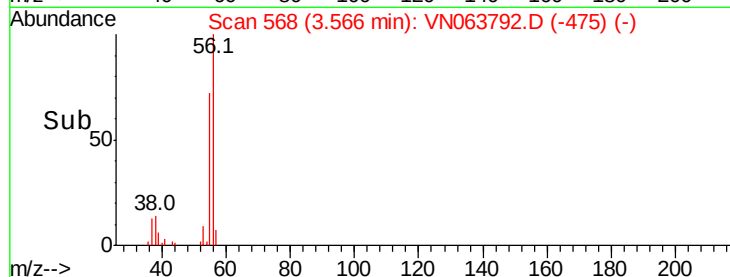
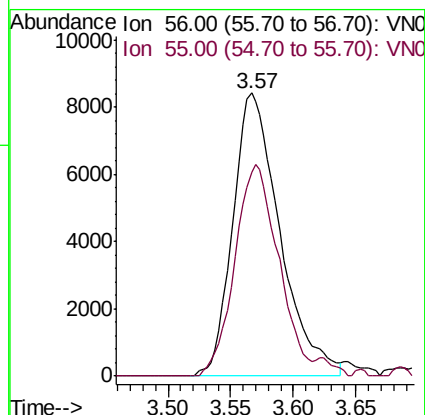
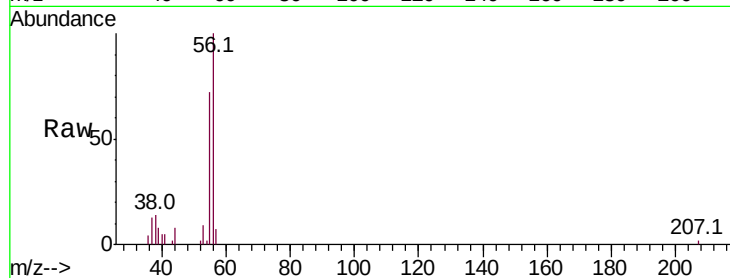
VN1001WBS02

Tot Ion: 56 Resp: 21954

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



#14

Allyl chloride

Concen: 17.551 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

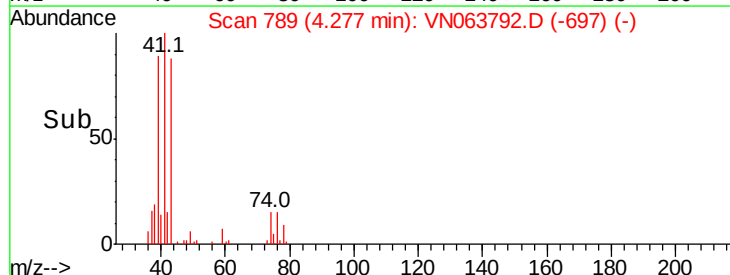
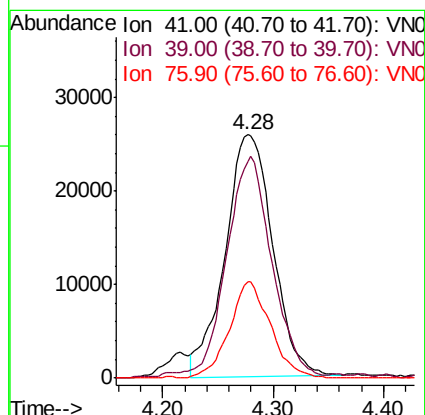
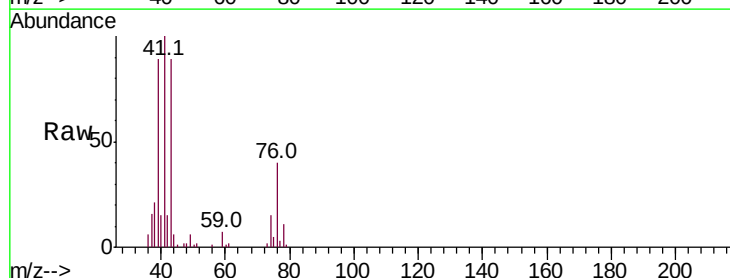
Tgt Ion: 41 Resp: 77577

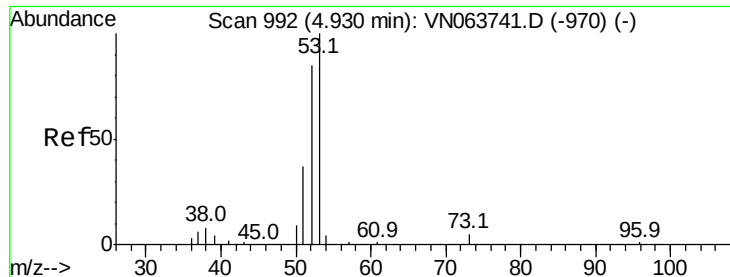
Ion Ratio Lower Upper

41 100

39 85.5 64.5 96.7

76 34.4 25.9 38.9





#15

Acrylonitrile

Concen: 100.555 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

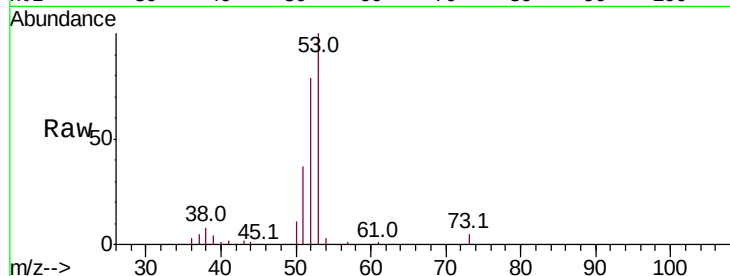
Tot Ion: 53 Resp: 124037

Ion Ratio Lower Upper

53 100

52 84.1 66.5 99.7

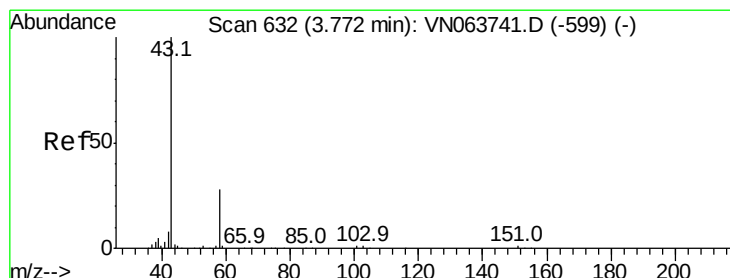
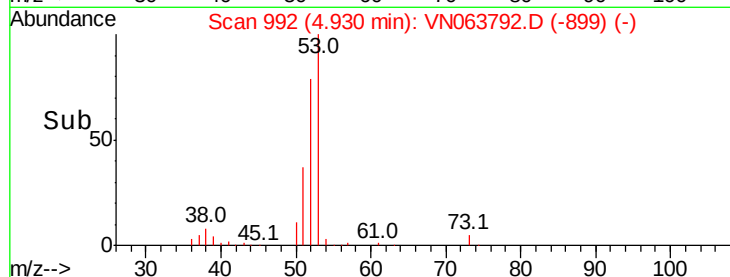
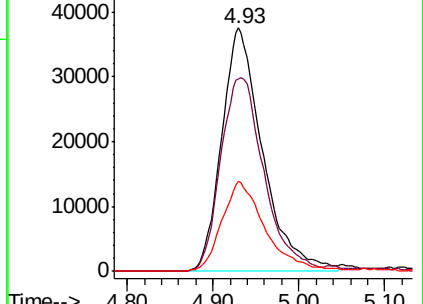
51 38.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)



#16

Acetone

Concen: 101.015 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063792.D

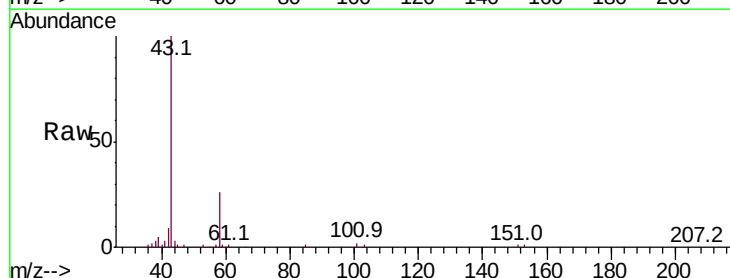
Acq: 2 Oct 2020 00:32

Tgt Ion: 43 Resp: 121376

Ion Ratio Lower Upper

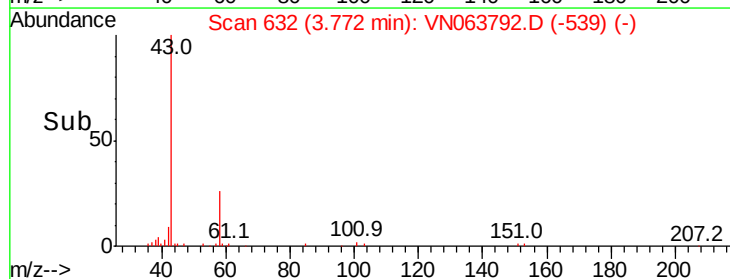
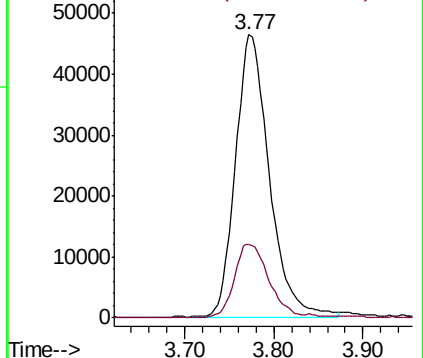
43 100

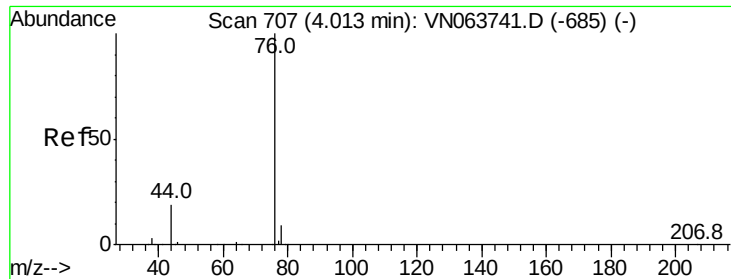
58 26.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

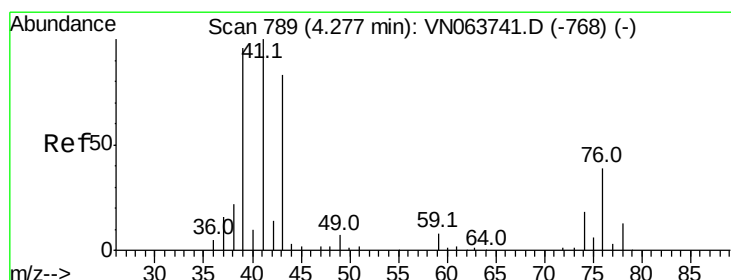
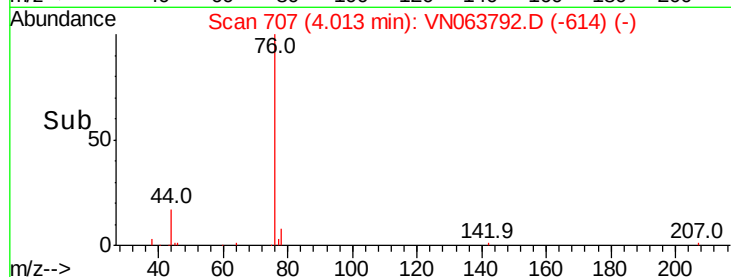
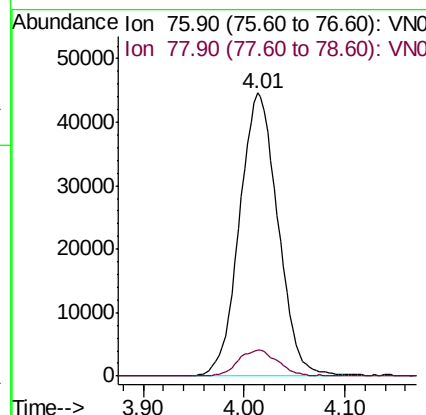
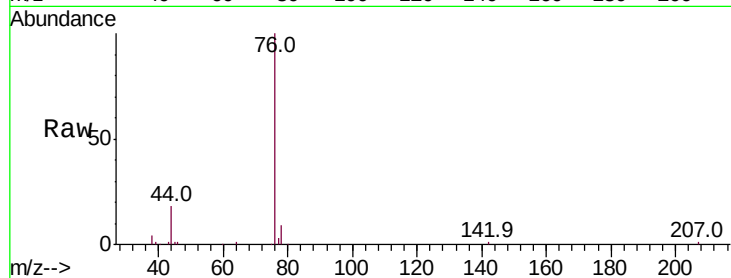




#17
Carbon Disulfide
Concen: 18.735 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

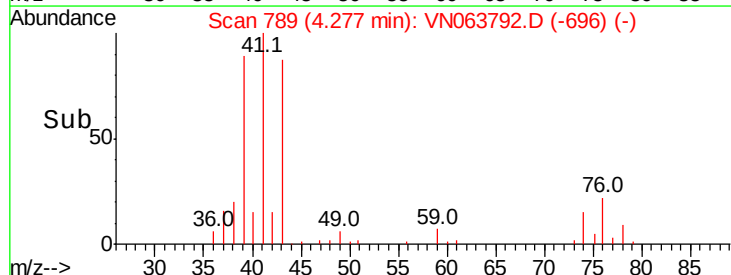
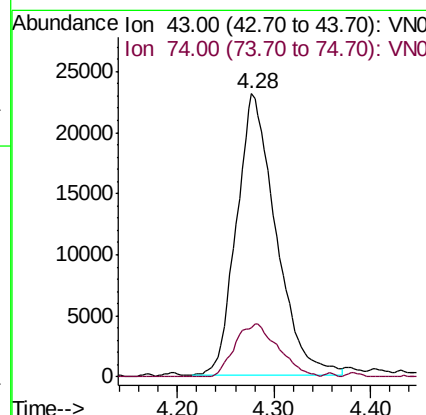
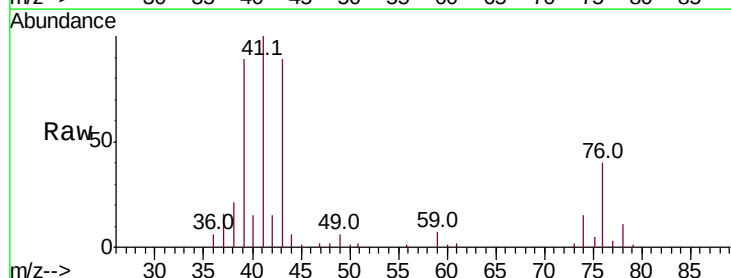
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

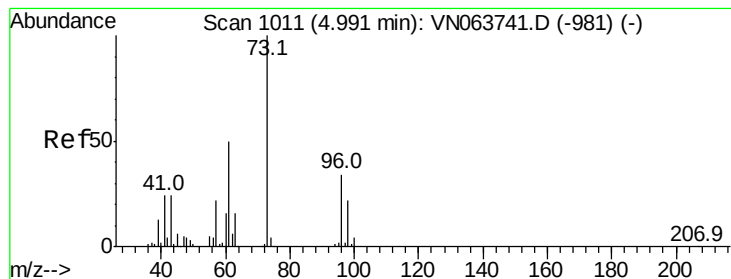
Tot Ion: 76 Resp: 117618
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 20.772 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 43 Resp: 64803
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 20.453 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

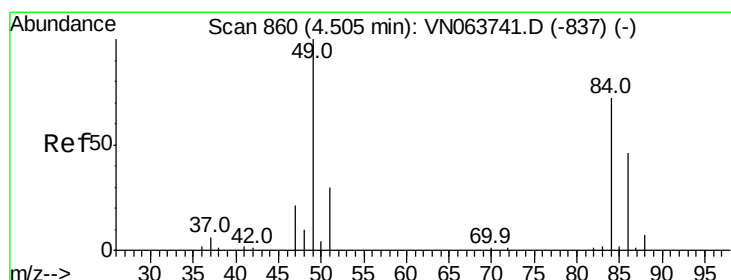
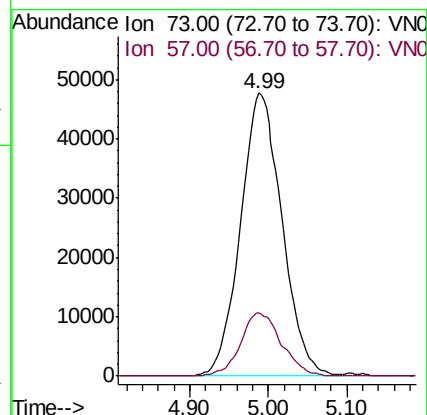
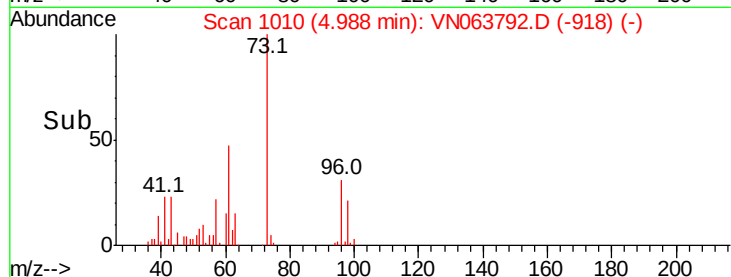
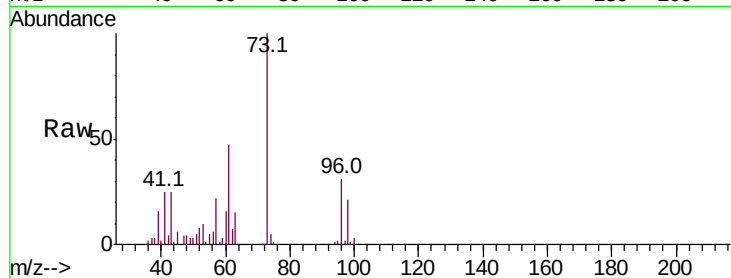
VN1001WBS02

Tot Ion: 73 Resp: 176794

Ion Ratio Lower Upper

73 100

57 22.4 17.6 26.4



#20

Methylene Chloride

Concen: 21.307 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion: 84 Resp: 58484

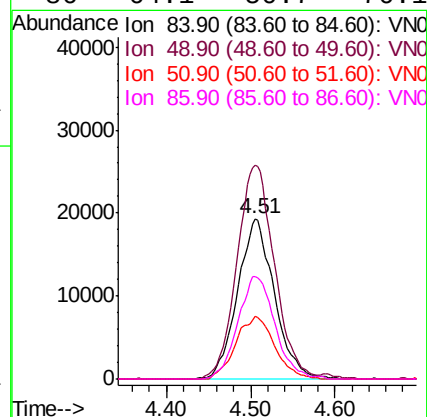
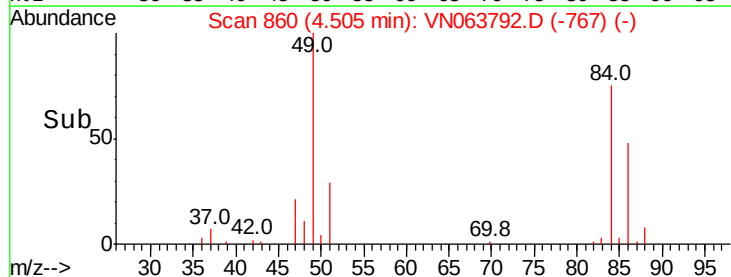
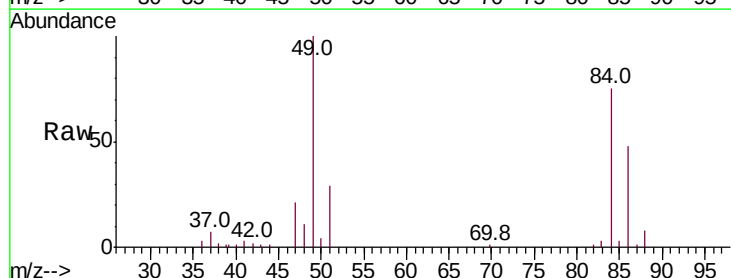
Ion Ratio Lower Upper

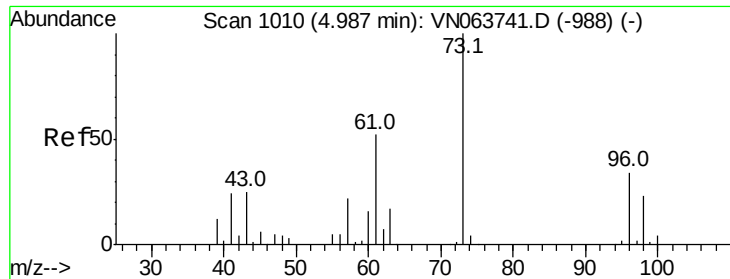
84 100

49 133.2 110.4 165.6

51 38.9 33.3 49.9

86 64.1 50.7 76.1

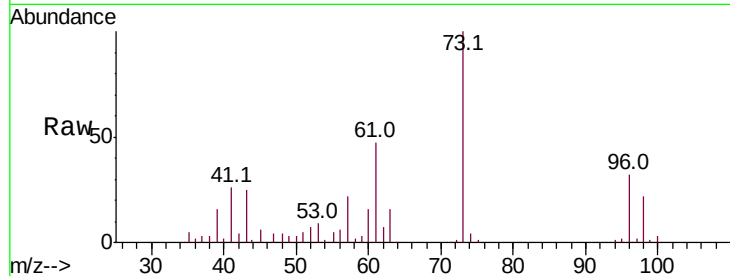




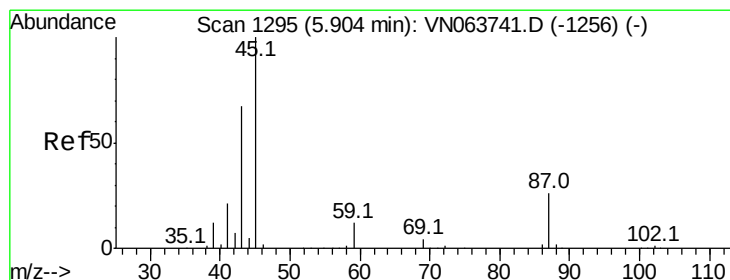
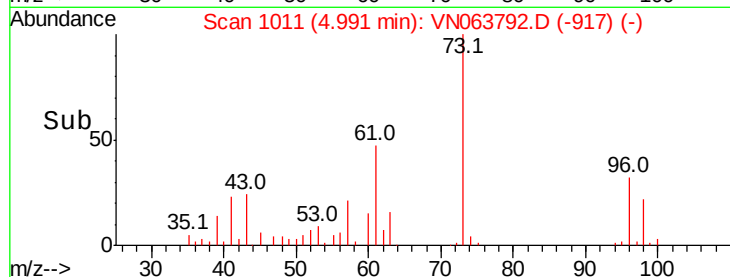
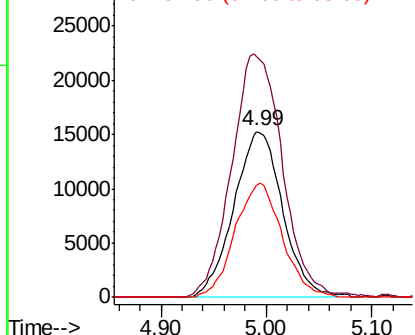
#21
trans-1,2-Dichloroethene
Concen: 18.430 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 96 Resp: 49113
Ion Ratio Lower Upper
96 100
61 144.0 120.2 180.2
98 67.3 52.6 79.0

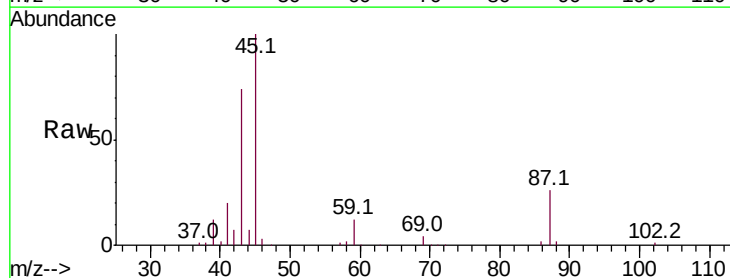


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

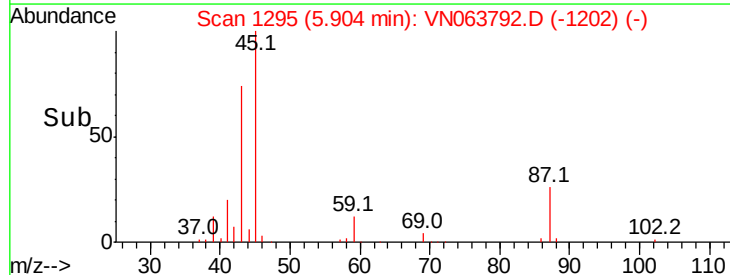
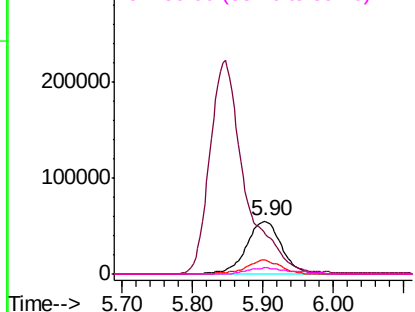


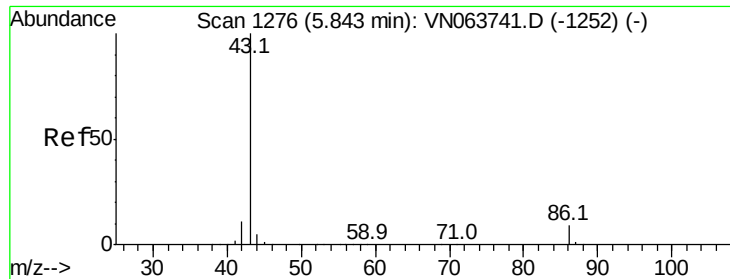
#22
Diisopropyl ether
Concen: 20.882 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 45 Resp: 189897
Ion Ratio Lower Upper
45 100
43 71.6 53.7 80.5
87 25.9 21.1 31.7
59 11.4 9.2 13.8



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

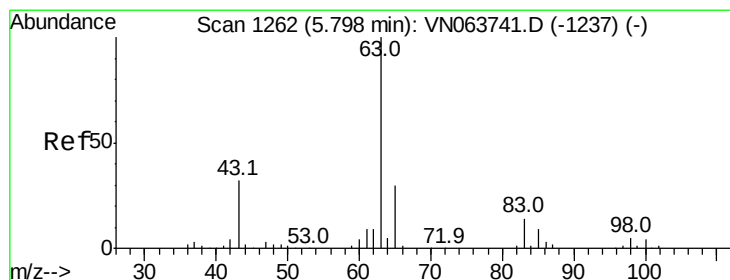
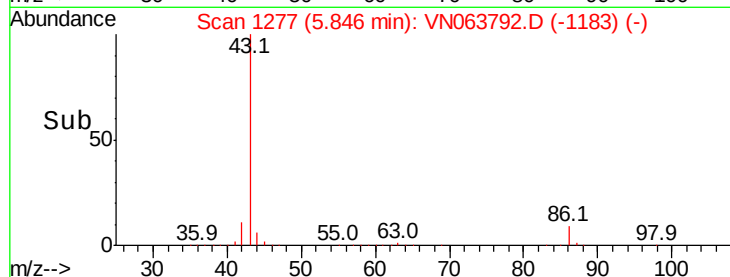
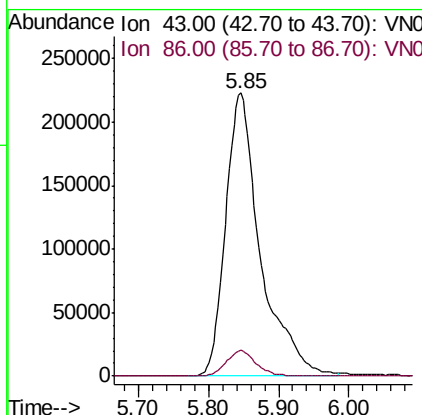
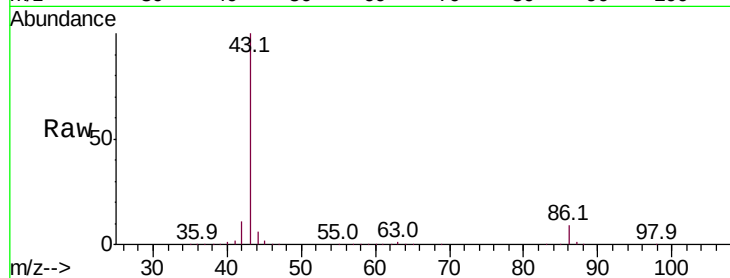




#23
 Vinyl Acetate
 Concen: 102.132 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

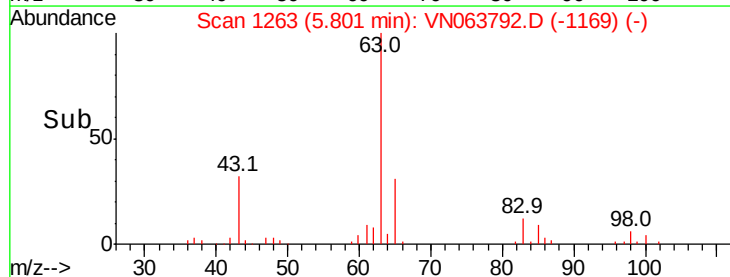
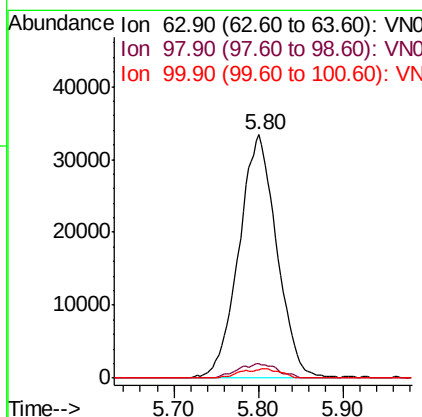
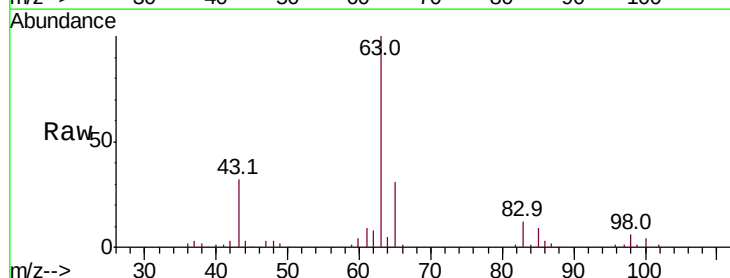
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

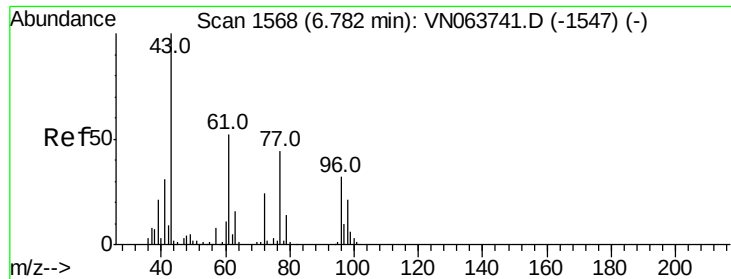
Tot Ion: 43 Resp: 769361
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 20.030 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 63 Resp: 104150
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.7 8.1
 100 3.6 1.9 5.7





#25

2-Butanone

Concen: 106.519 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

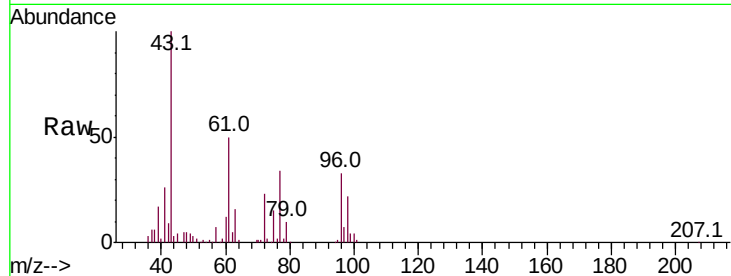
VN1001WBS02

Tot Ion: 43 Resp: 181456

Ion Ratio Lower Upper

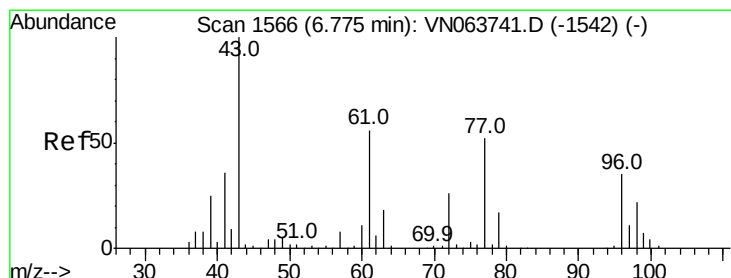
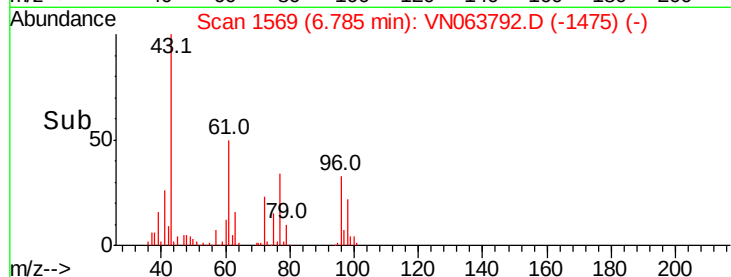
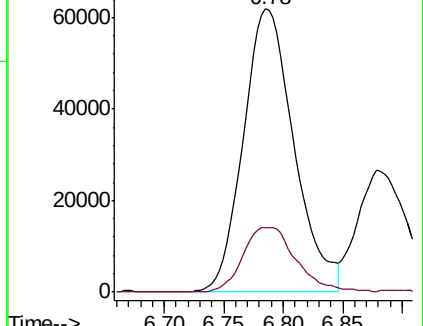
43 100

72 23.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)



#26

2,2-Dichloropropane

Concen: 15.011 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063792.D

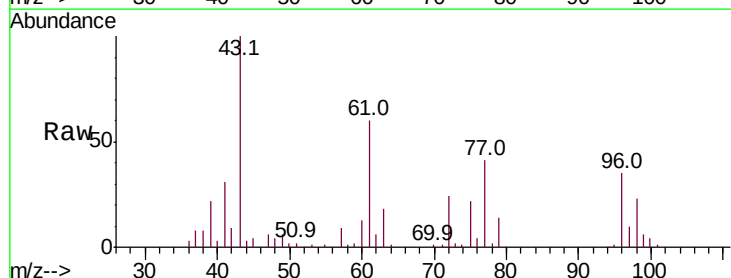
Acq: 2 Oct 2020 00:32

Tgt Ion: 77 Resp: 71477

Ion Ratio Lower Upper

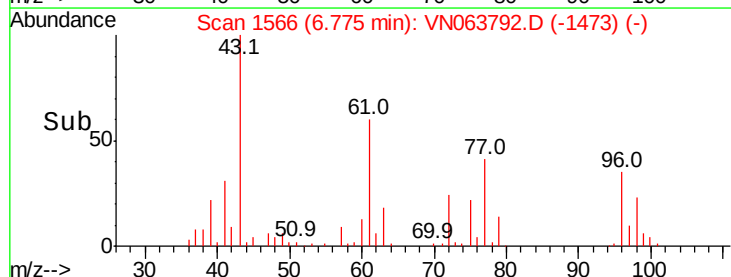
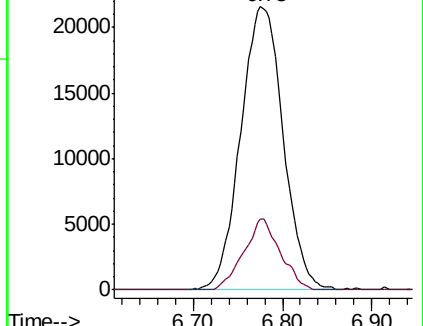
77 100

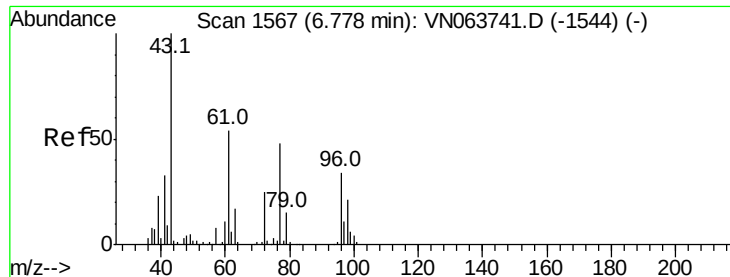
97 21.4 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063741.D (-1542) (-)

Ion 96.90 (96.60 to 97.60): VN063741.D (-1542) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.269 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

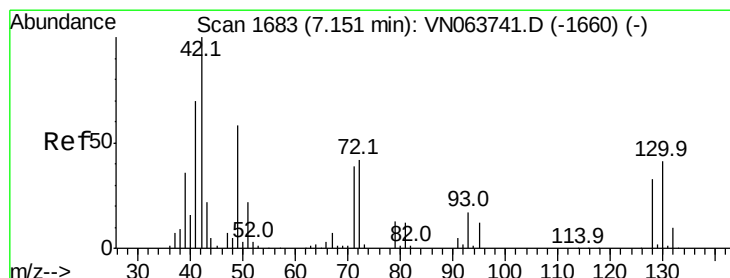
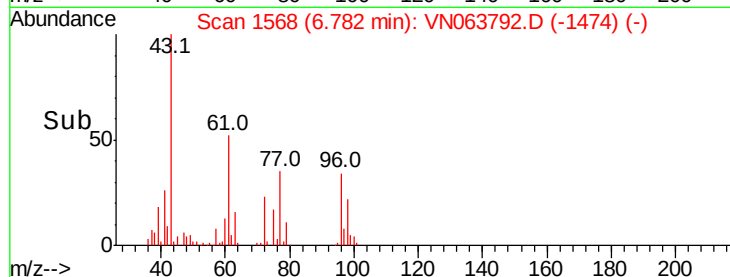
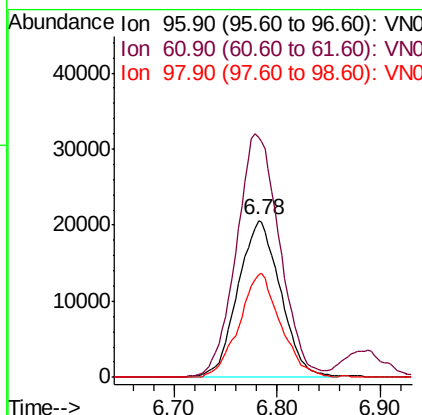
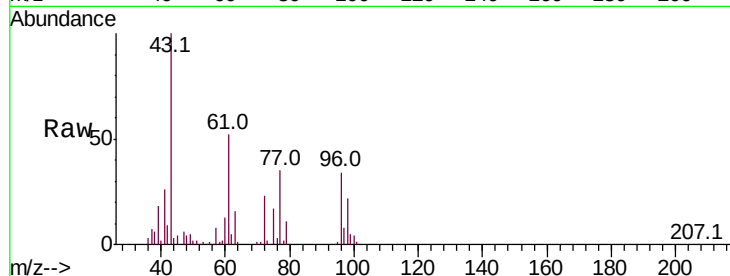
Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 96 Resp: 59057

Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	321.2
98	64.1	0.0	124.4



#28

Bromochloromethane

Concen: 22.455 ug/l

RT: 7.15 min Scan# 1682

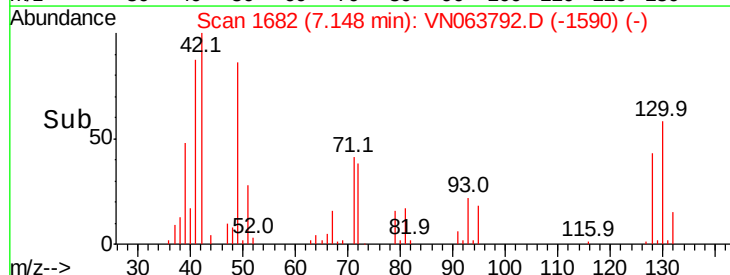
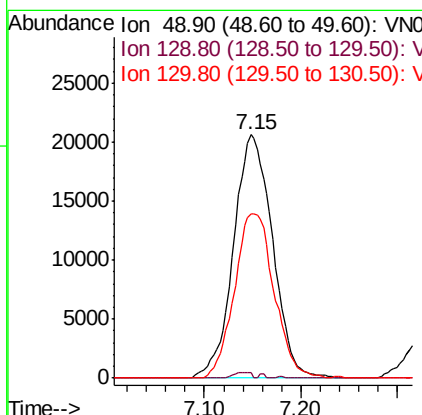
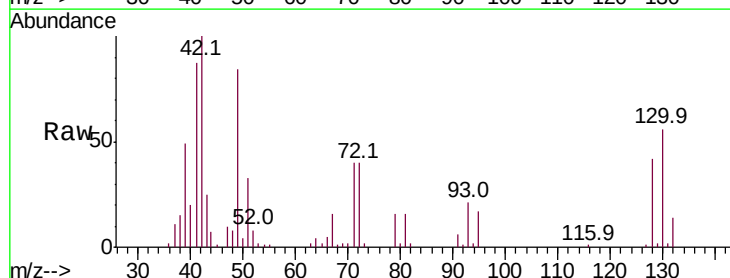
Delta R.T. -0.00 min

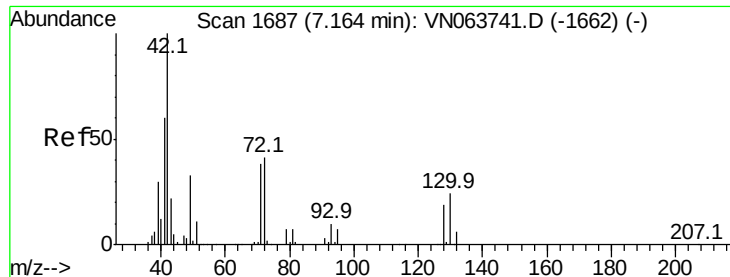
Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion: 49 Resp: 57707

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	68.6	55.6	83.4





#29

Tetrahydrofuran

Concen: 107.045 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

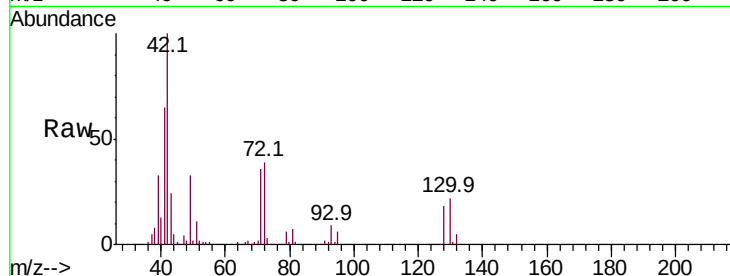
Tot Ion: 42 Resp: 122303

Ion Ratio Lower Upper

42 100

72 38.1 32.8 49.2

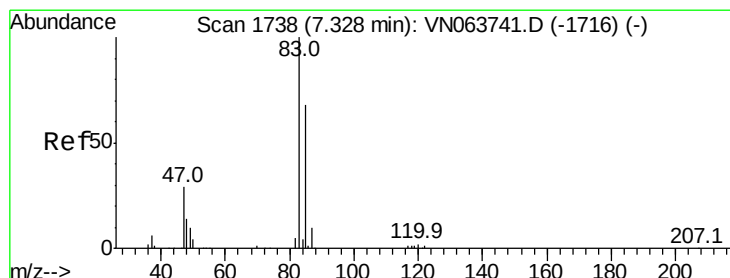
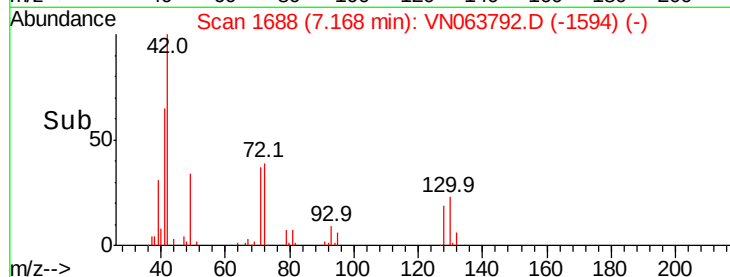
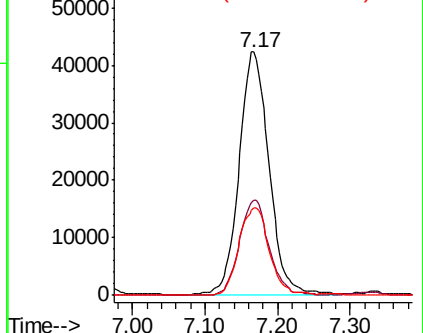
71 35.9 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN063792.D (-1594) (-)

Ion 72.00 (71.70 to 72.70): VN063792.D (-1594) (-)

Ion 71.00 (70.70 to 71.70): VN063792.D (-1594) (-)



#30

Chloroform

Concen: 19.988 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063792.D

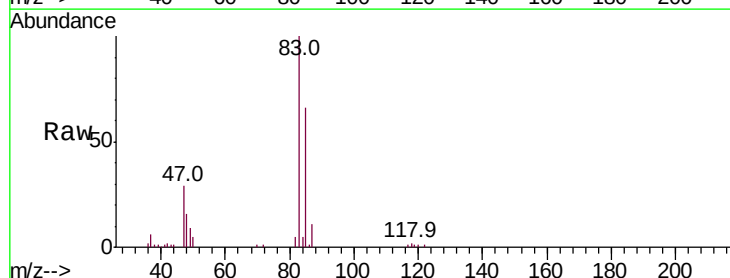
Acq: 2 Oct 2020 00:32

Tgt Ion: 83 Resp: 108364

Ion Ratio Lower Upper

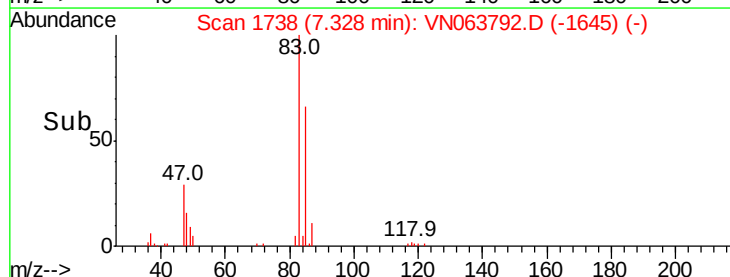
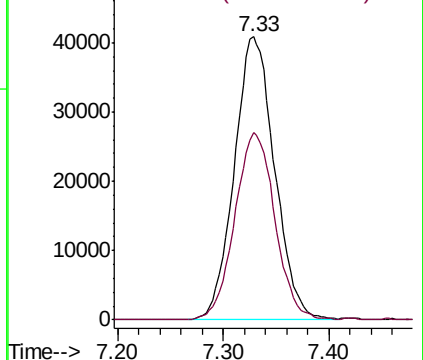
83 100

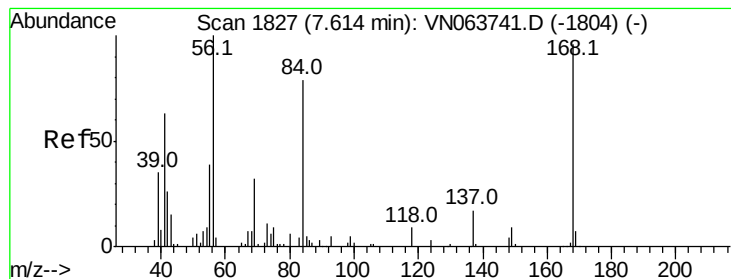
85 66.3 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN063792.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN063792.D (-1645) (-)





#31

Cyclohexane

Concen: 17.343 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

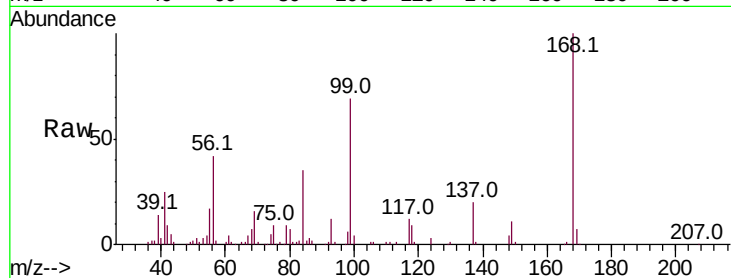
Tot Ion: 56 Resp: 78592

Ion Ratio Lower Upper

56 100

69 37.3 25.4 38.2

84 82.0 63.3 94.9

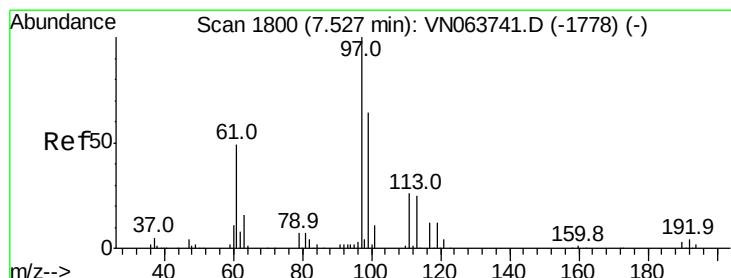
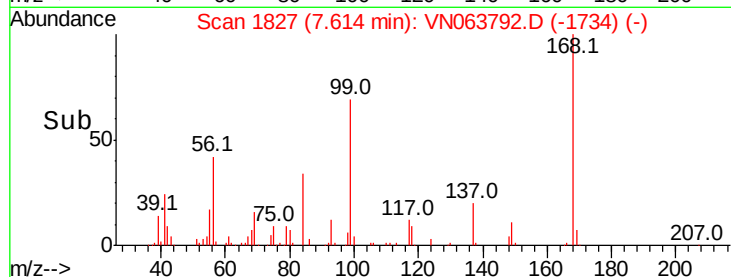
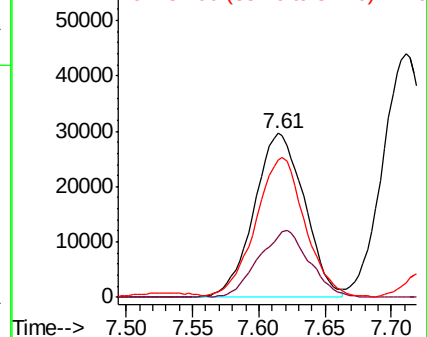


Abundance

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: 19.553 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

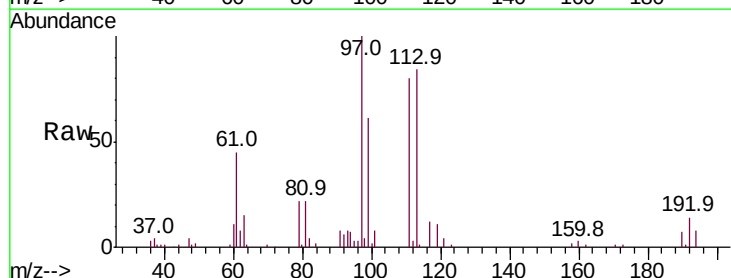
Tgt Ion: 97 Resp: 95619

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 47.7 38.7 58.1

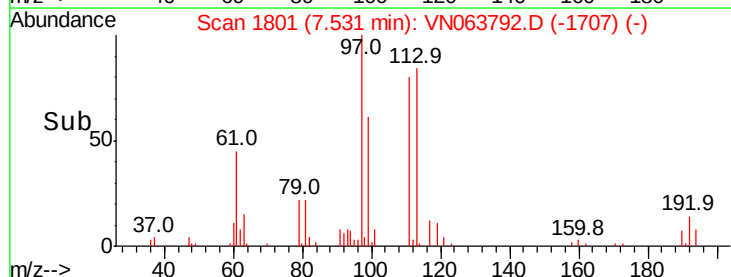
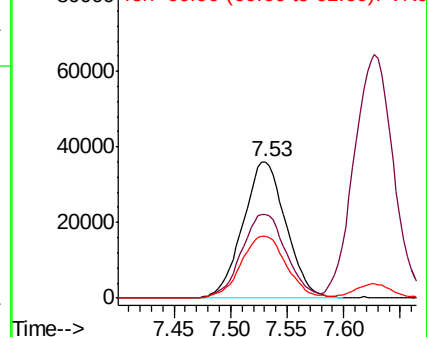


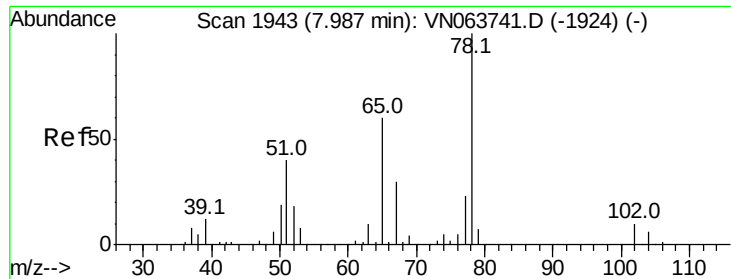
Abundance

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

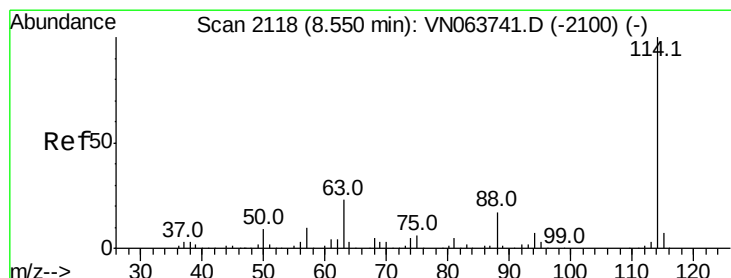
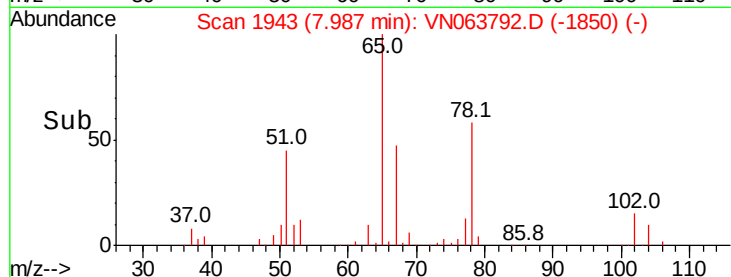
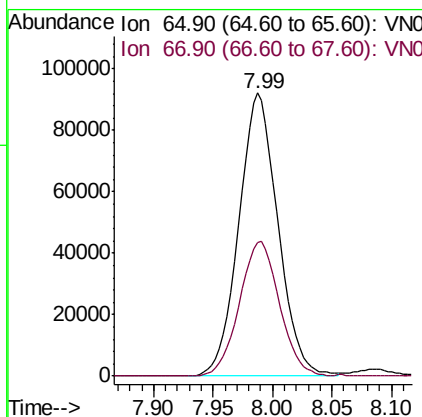
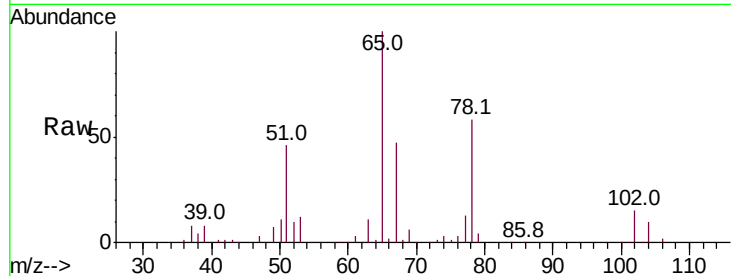




#33
 1,2-Dichloroethane-d4
 Concen: 53.718 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

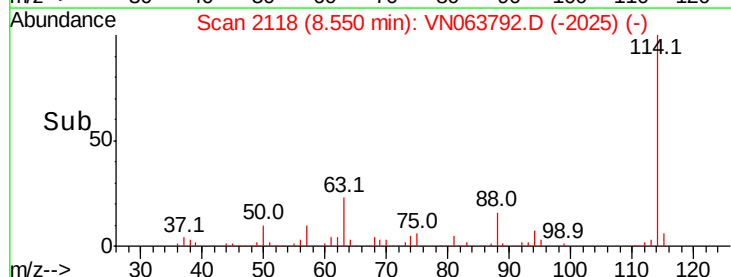
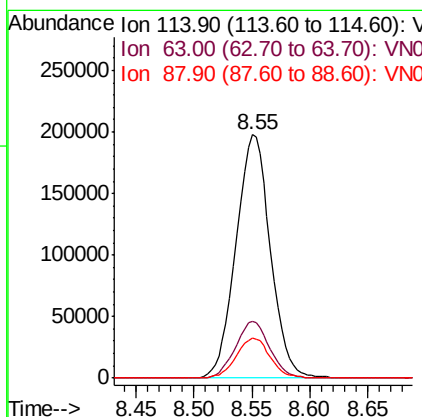
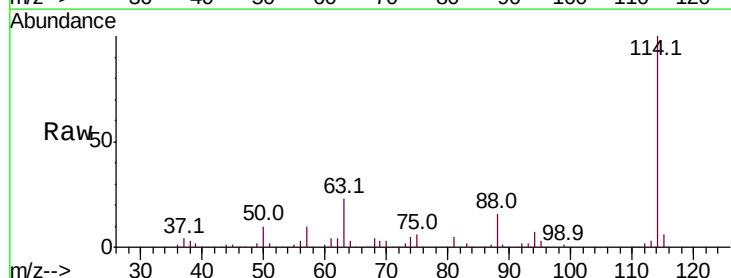
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

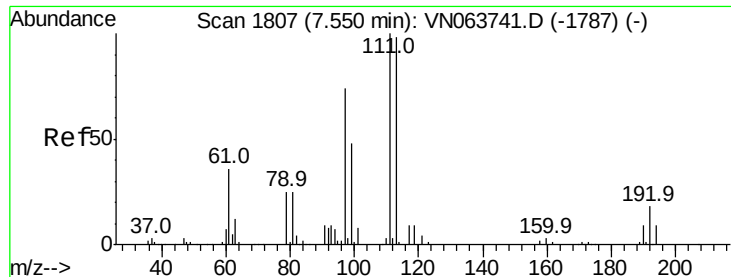
Tot Ion: 65 Resp: 209677
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 114 Resp: 406799
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.0
 88 16.2 0.0 34.0

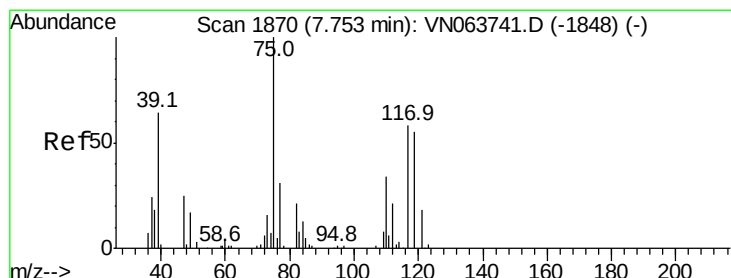
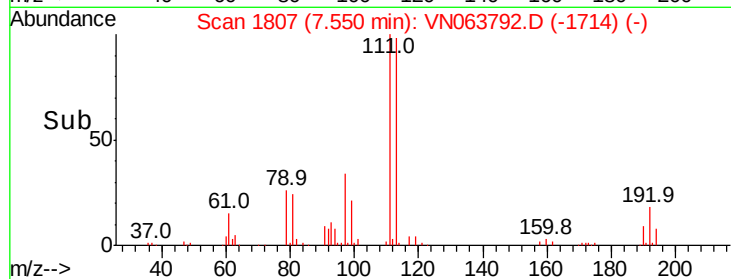
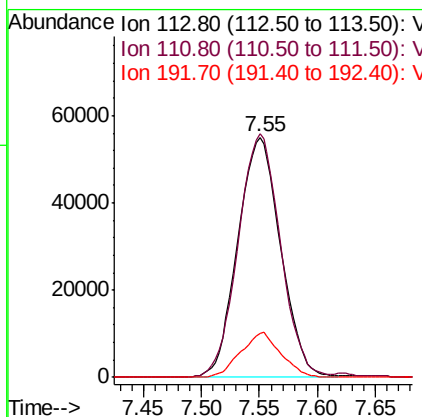
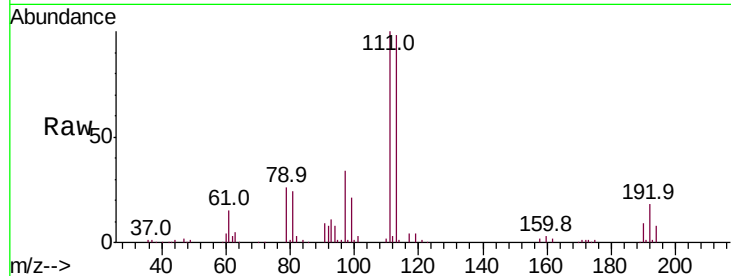




#35
 Dibromofluoromethane
 Concen: 50.182 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

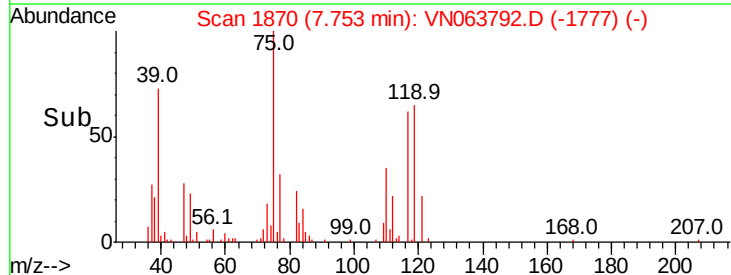
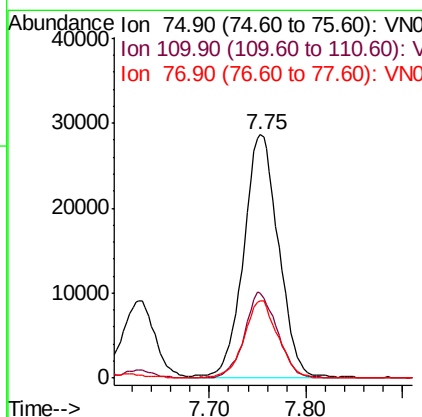
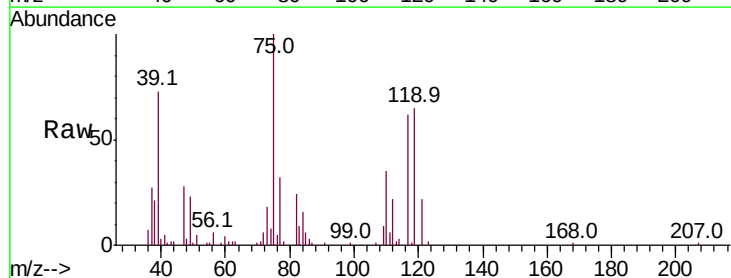
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

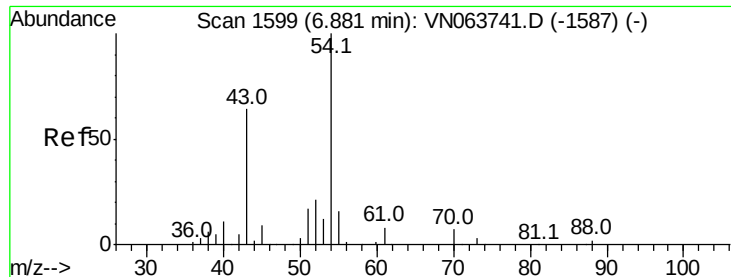
Tot Ion:113 Resp: 141648
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.8 122.8
 192 17.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 17.505 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 75 Resp: 72143
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.9 50.6
 77 30.8 24.5 36.7

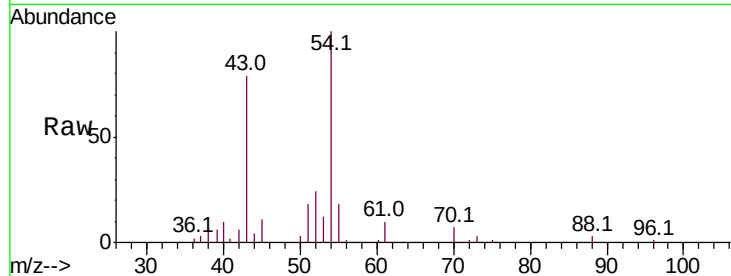




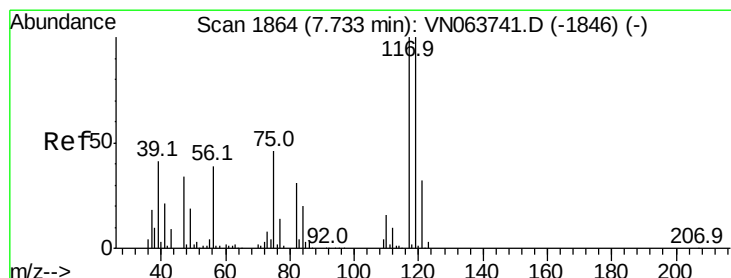
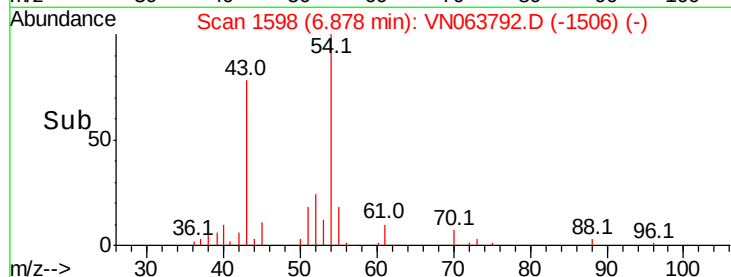
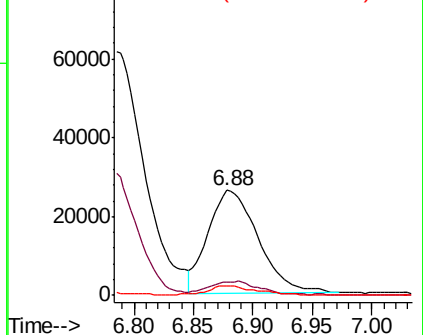
#37
Ethyl Acetate
Concen: 18.621 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampled :
VN1001WBS02

Tot Ion: 43 Resp: 76245
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.3 7.3 10.9

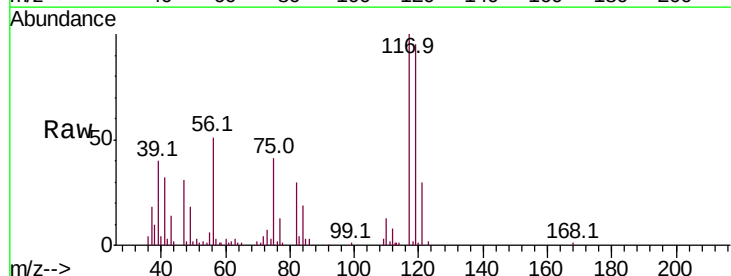


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

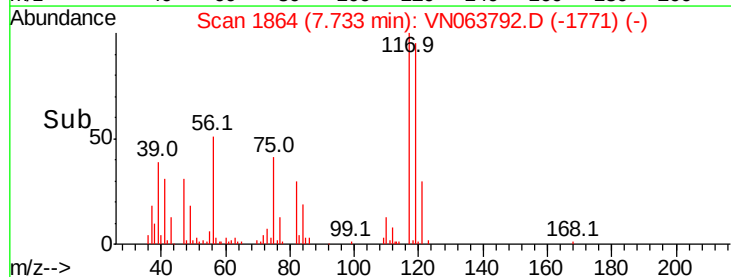
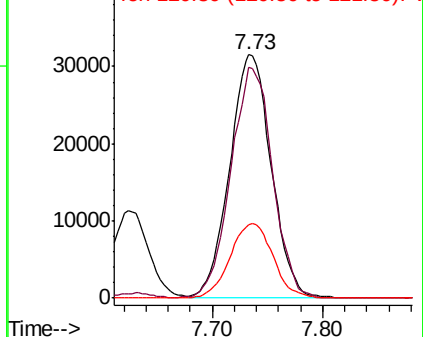


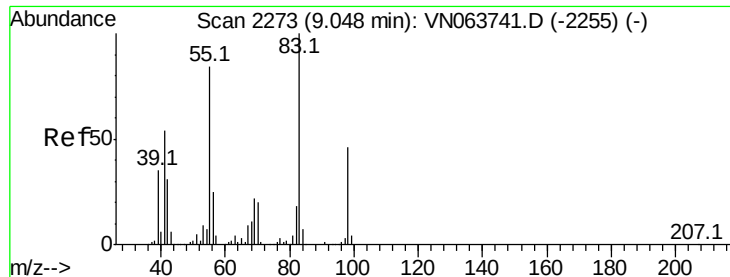
#38
Carbon Tetrachloride
Concen: 17.816 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 117 Resp: 82334
Ion Ratio Lower Upper
117 100
119 94.7 80.1 120.1
121 29.9 25.7 38.5



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

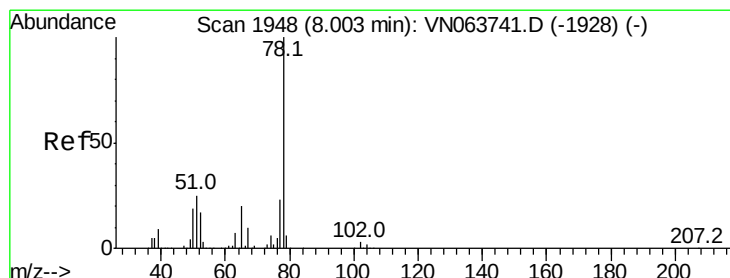
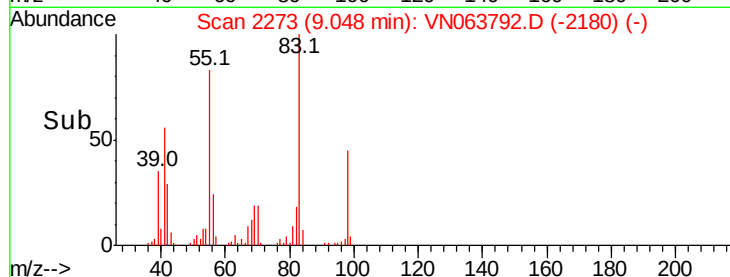
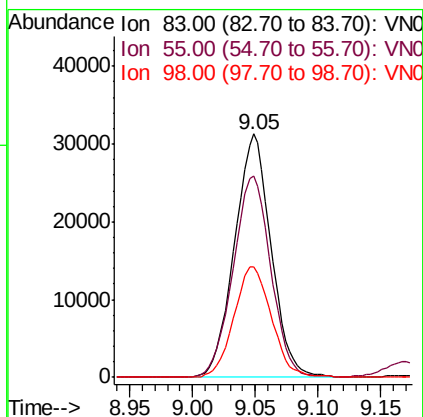
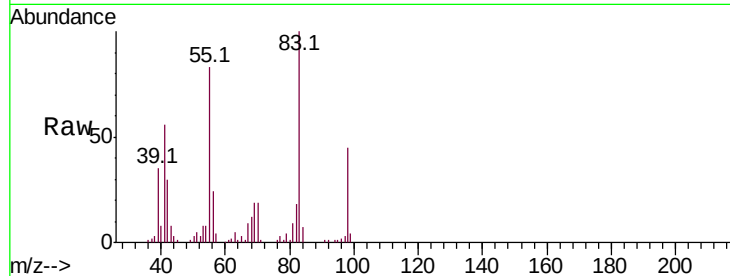




#39
Methylvlcyclohexane
Concen: 15.416 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

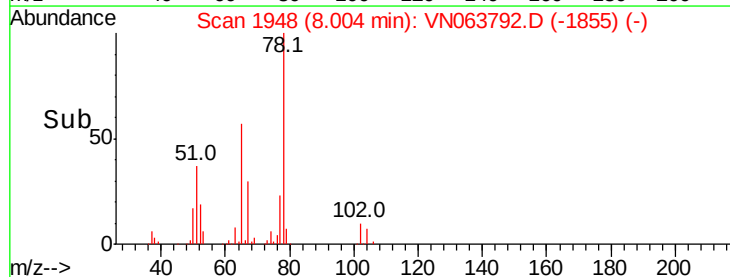
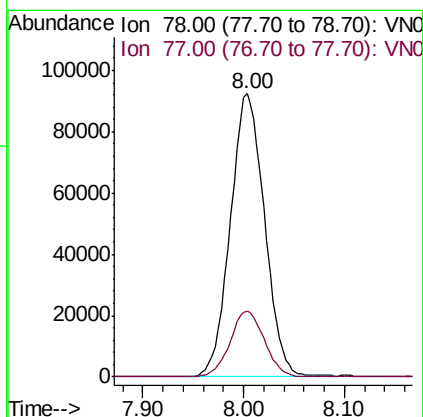
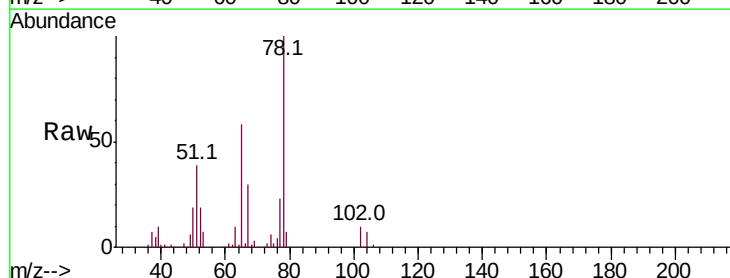
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

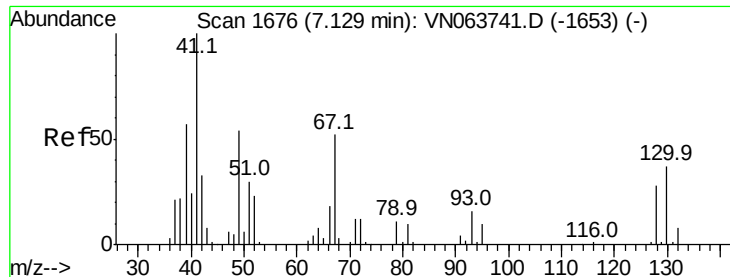
Tot Ion: 83 Resp: 63359
Ion Ratio Lower Upper
83 100
55 82.7 67.1 100.7
98 45.5 36.6 54.8



#40
Benzene
Concen: 18.522 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 78 Resp: 218032
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

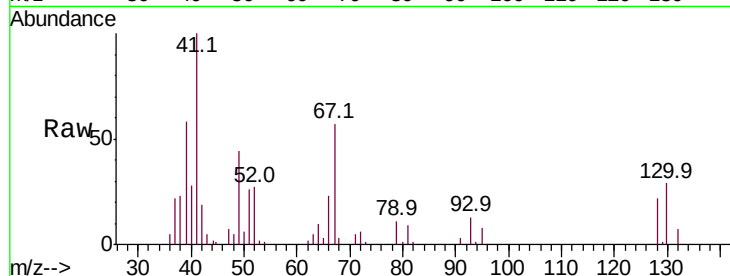




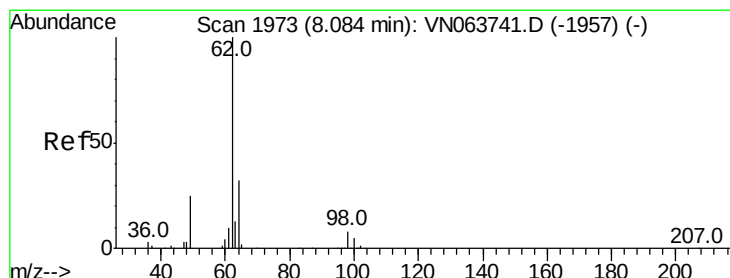
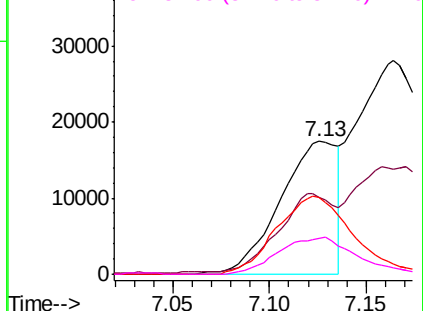
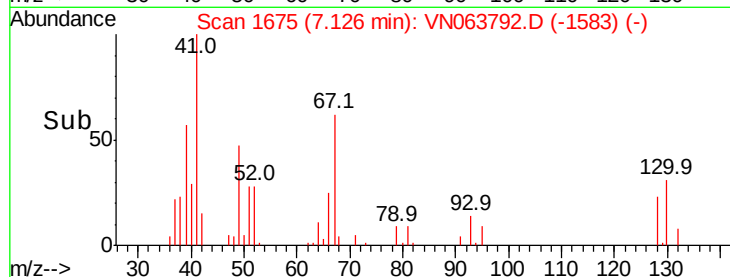
#41
Methacrylonitrile
Concen: 19.755 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 41 Resp: 35950
Ion Ratio Lower Upper
41 100
39 57.5 42.5 63.7
67 78.4 57.4 86.2
52 38.4 26.9 40.3

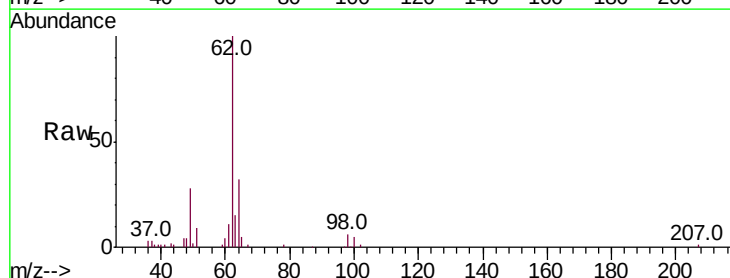


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

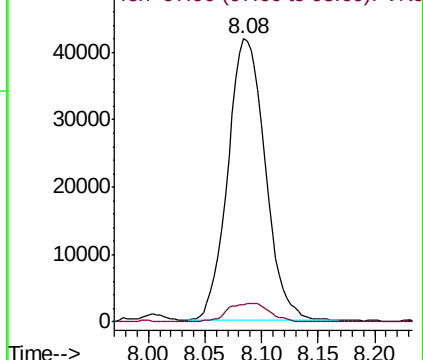
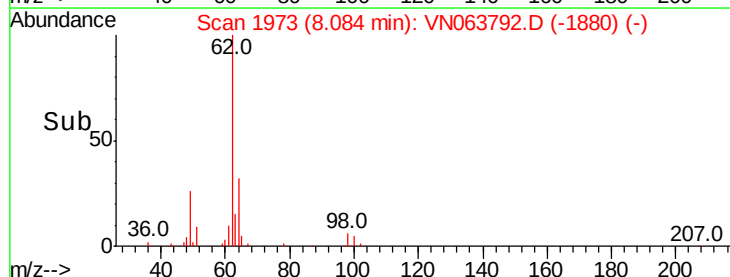


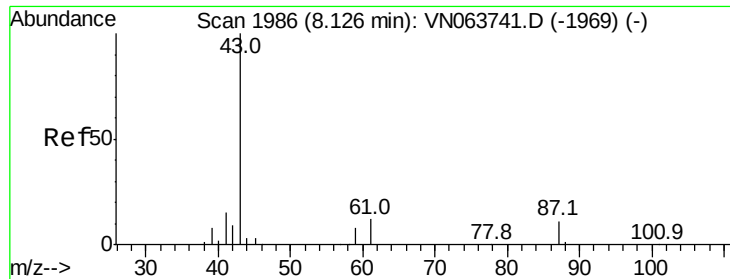
#42
1,2-Dichloroethane
Concen: 19.056 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 62 Resp: 95751
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.0



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





#43

Isopropyl Acetate

Concen: 19.598 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

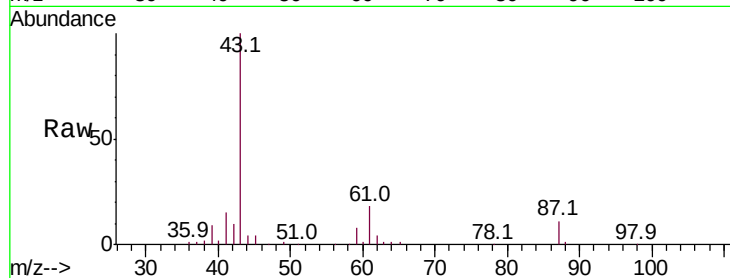
Tot Ion: 43 Resp: 132361

Ion Ratio Lower Upper

43 100

61 25.1 14.2 21.4#

87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)

8.13

60000

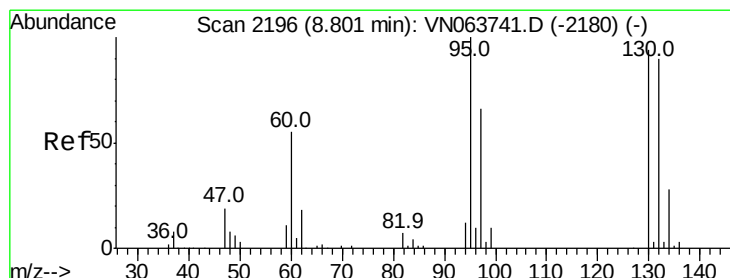
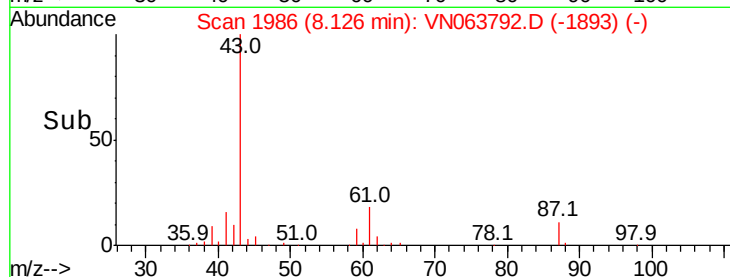
40000

20000

0

Time-->

8.00 8.10 8.20



#44

Trichloroethene

Concen: 17.482 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063792.D

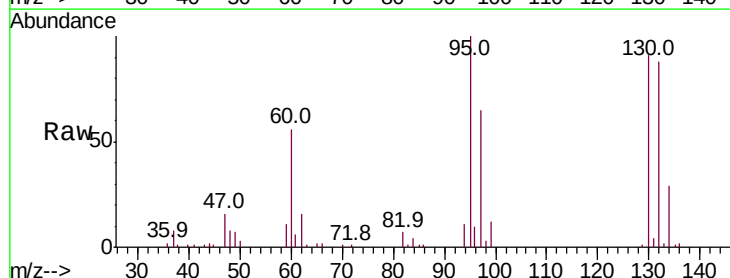
Acq: 2 Oct 2020 00:32

Tgt Ion:130 Resp: 53918

Ion Ratio Lower Upper

130 100

95 110.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

8.80

30000

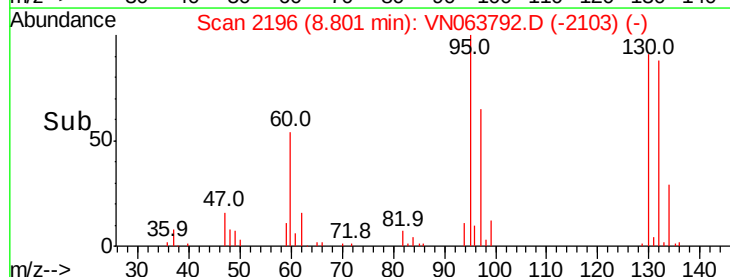
20000

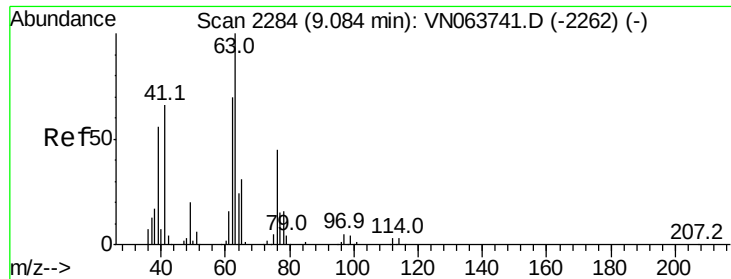
10000

0

Time-->

8.75 8.80 8.85





#45

1,2-Dichloropropane

Concen: 19.713 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

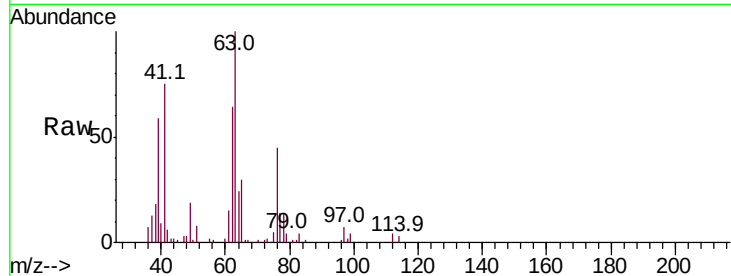
VN1001WBS02

Tot Ion: 63 Resp: 62668

Ion Ratio Lower Upper

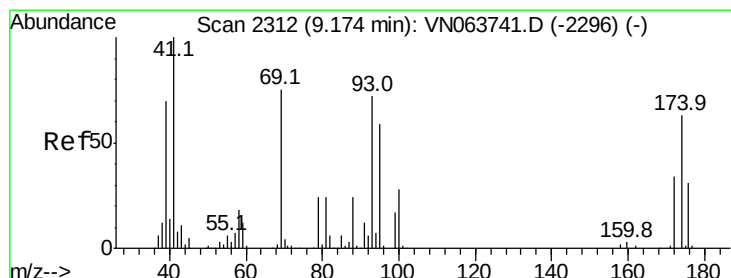
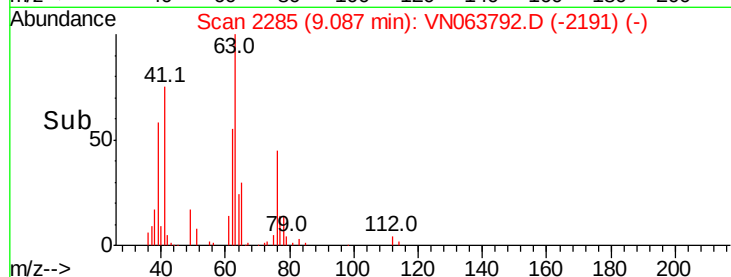
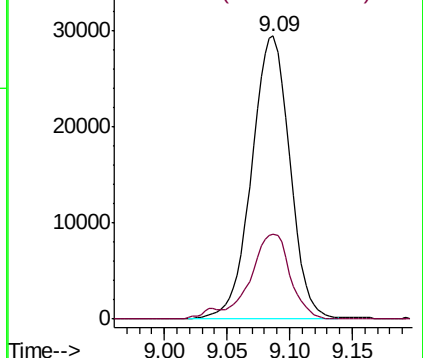
63 100

65 30.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.368 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

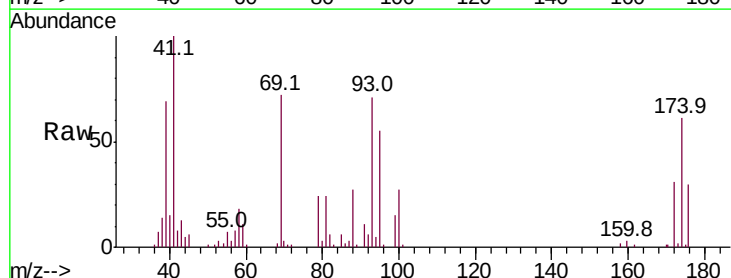
Tgt Ion: 93 Resp: 42475

Ion Ratio Lower Upper

93 100

95 80.3 66.3 99.5

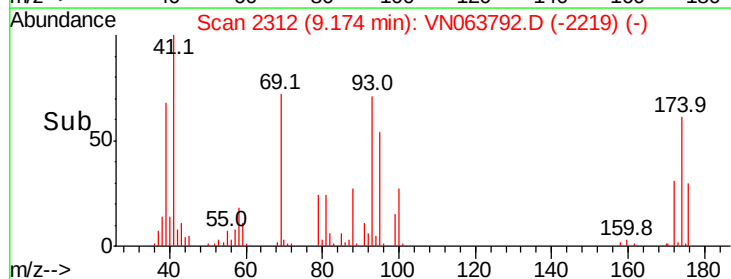
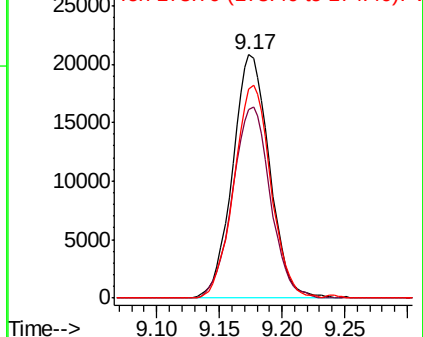
174 87.4 72.7 109.1

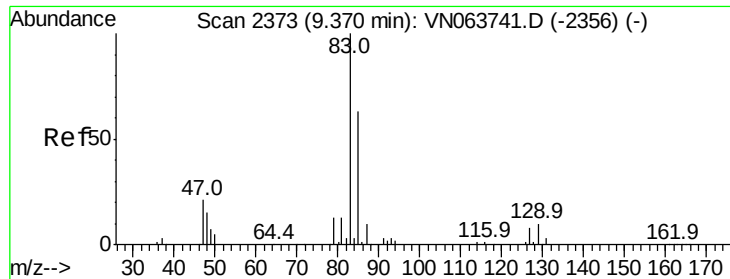


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.703 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

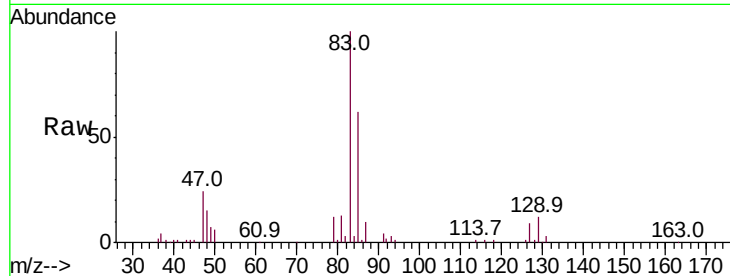
Tot Ion: 83 Resp: 89056

Ion Ratio Lower Upper

83 100

85 62.2 50.6 75.8

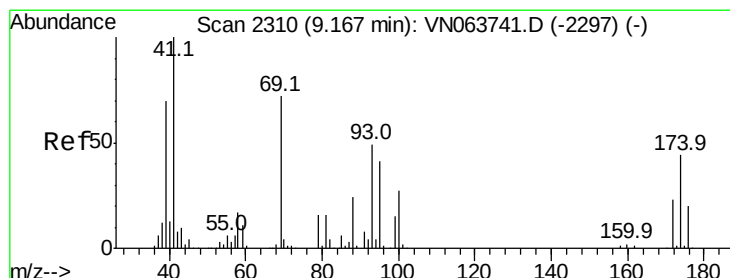
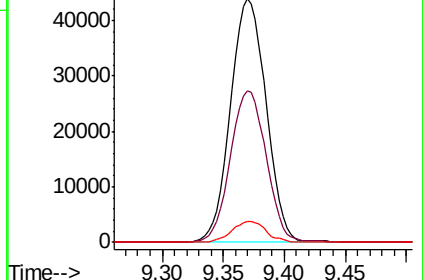
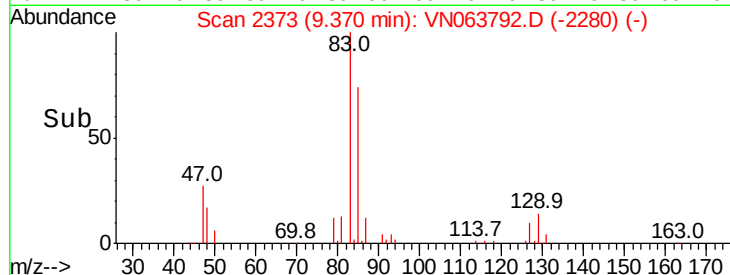
127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063792.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063792.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063792.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.971 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

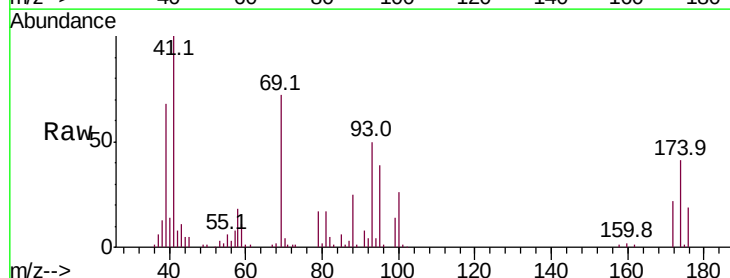
Tgt Ion: 41 Resp: 66639

Ion Ratio Lower Upper

41 100

69 71.8 60.9 91.3

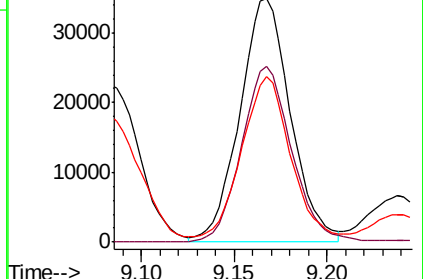
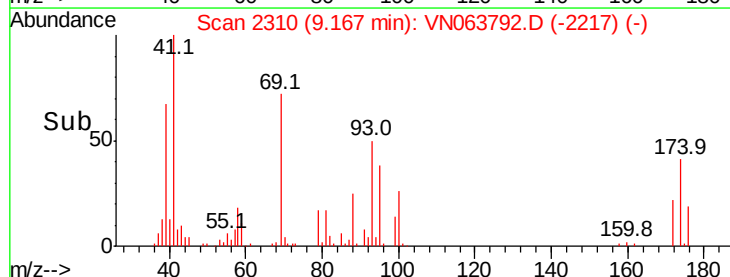
39 67.4 57.5 86.3

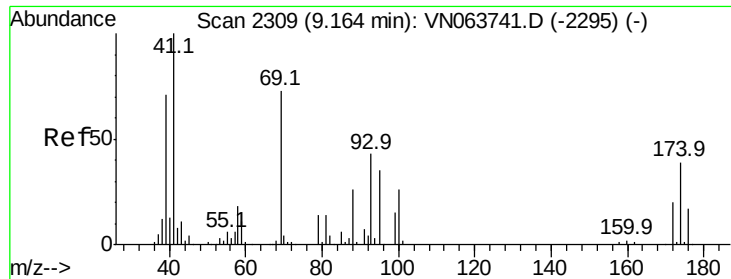


Abundance Ion 41.00 (40.70 to 41.70): VN063792.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063792.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063792.D (-2217) (-)

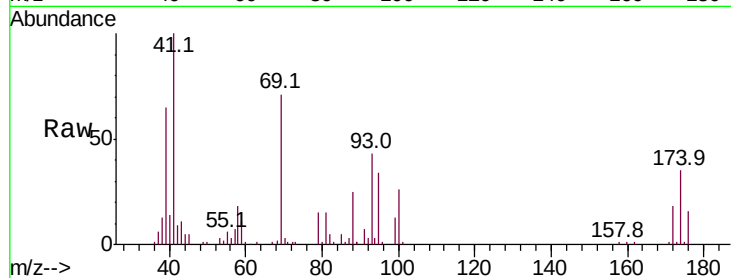




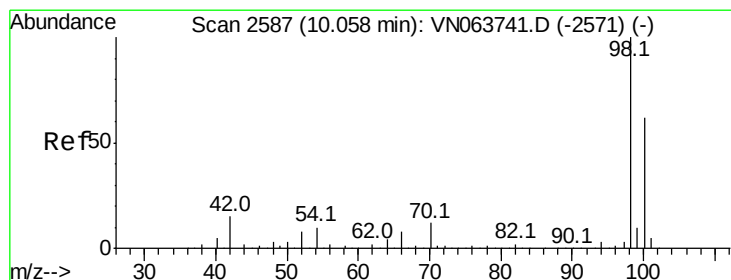
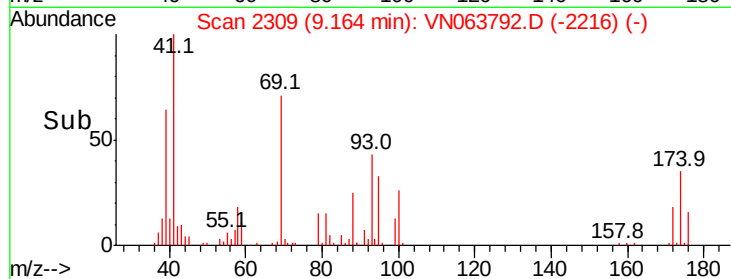
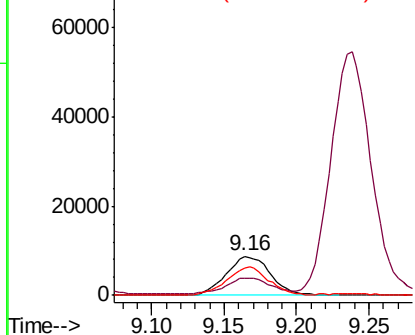
#49
1,4-Dioxane
Concen: 389.789 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion: 88 Resp: 18485
Ion Ratio Lower Upper
88 100
43 40.3 33.1 49.7
58 69.3 58.9 88.3

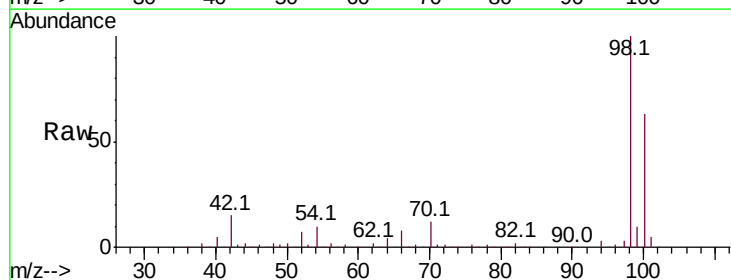


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

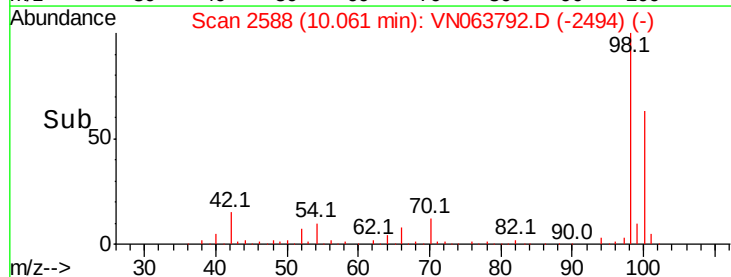
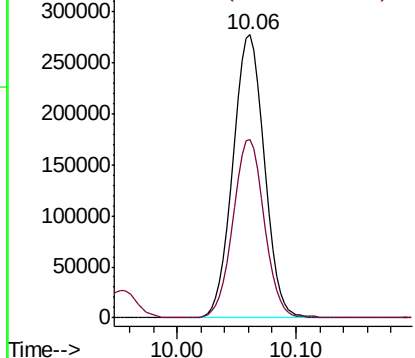


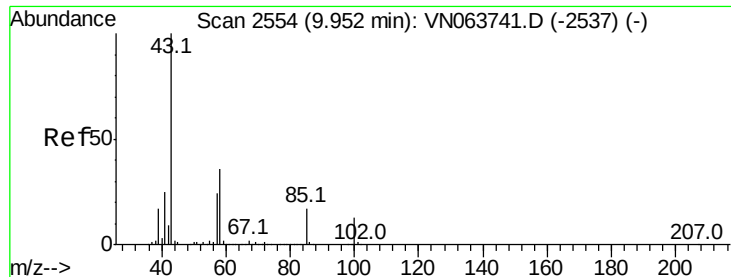
#50
Toluene-d8
Concen: 47.610 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 98 Resp: 509446
Ion Ratio Lower Upper
98 100
100 62.8 49.8 74.6



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: 101.921 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

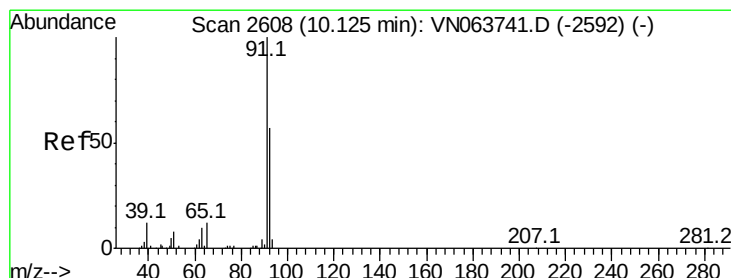
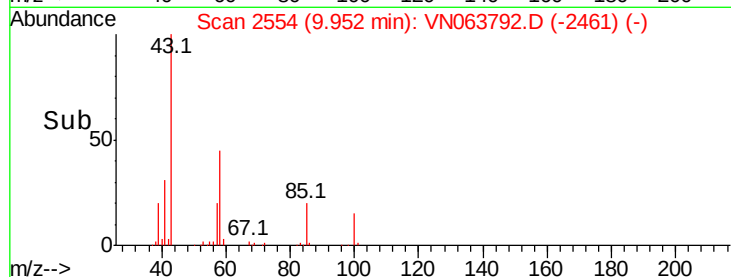
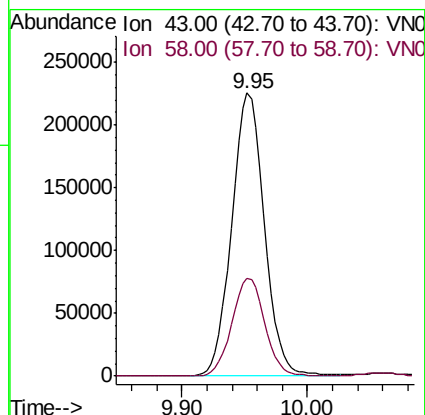
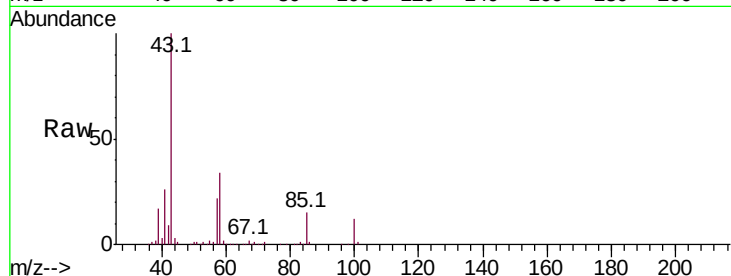
VN1001WBS02

Tot Ion: 43 Resp: 403954

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



#52

Toluene

Concen: 18.657 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063792.D

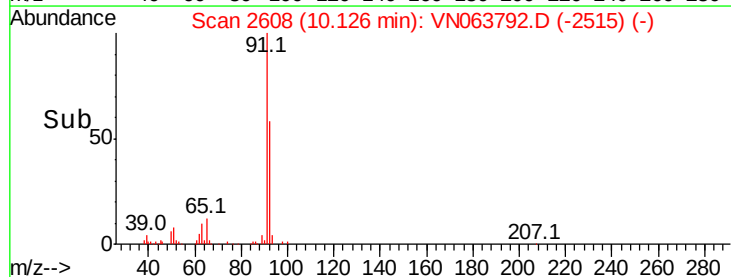
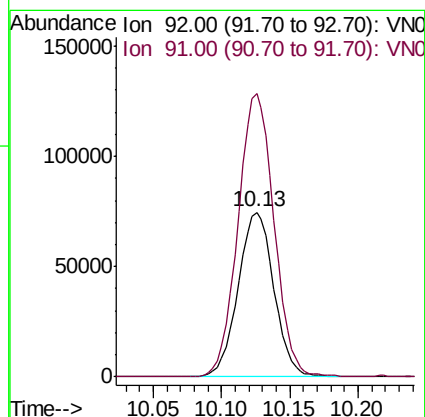
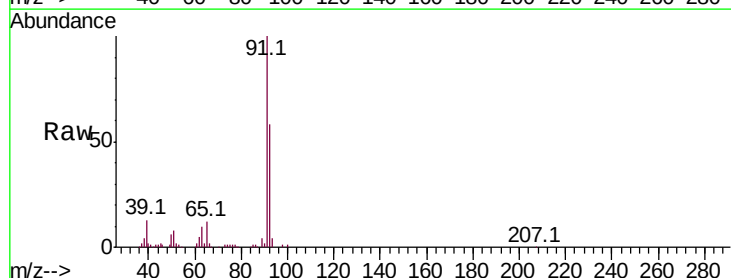
Acq: 2 Oct 2020 00:32

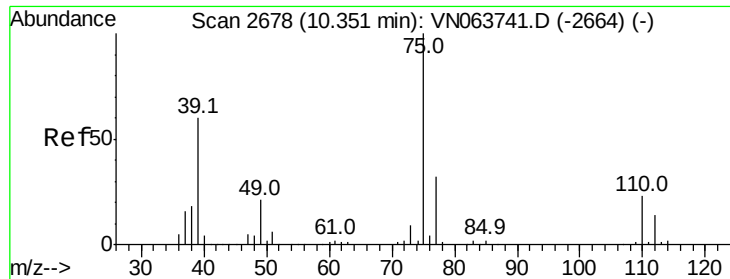
Tgt Ion: 92 Resp: 135839

Ion Ratio Lower Upper

92 100

91 173.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 17.909 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampled :

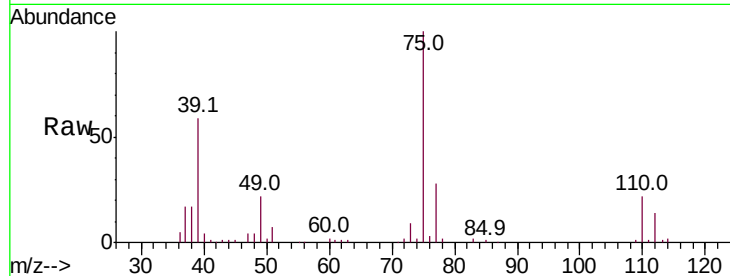
VN1001WBS02

Tot Ion: 75 Resp: 86771

Ion Ratio Lower Upper

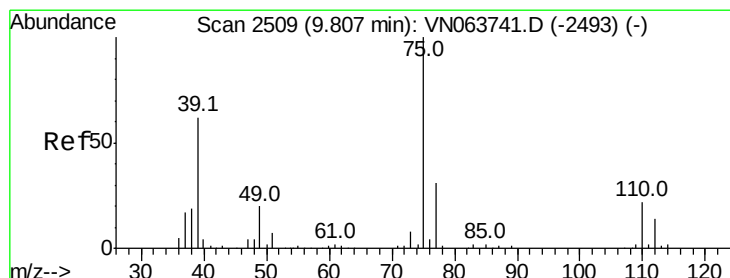
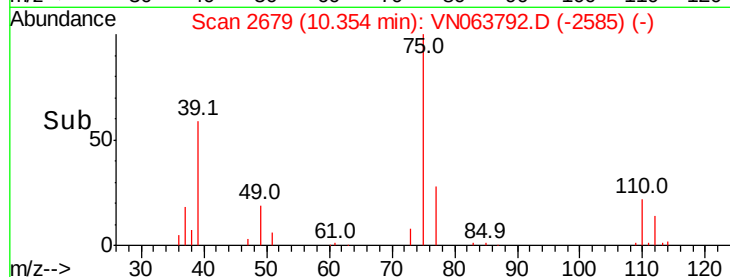
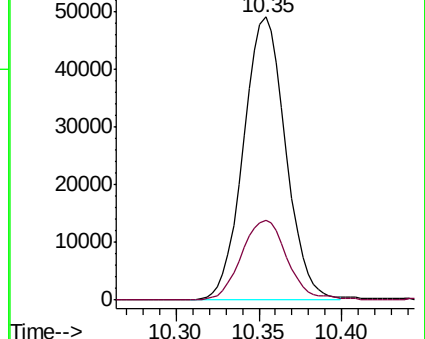
75 100

77 28.3 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.207 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

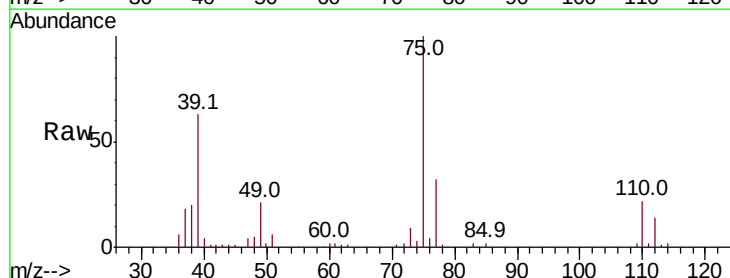
Tgt Ion: 75 Resp: 92254

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

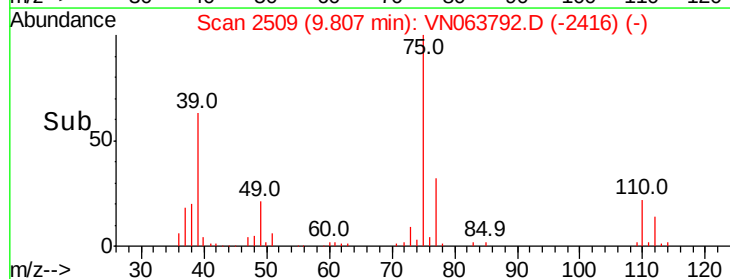
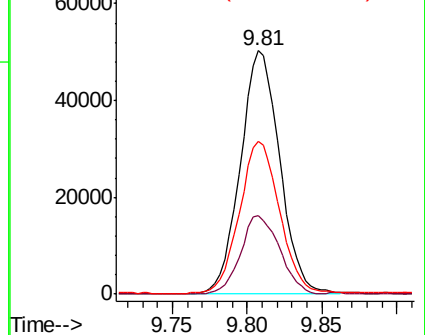
39 62.4 49.7 74.5

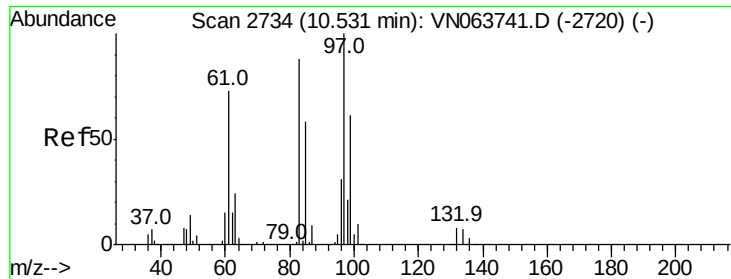


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

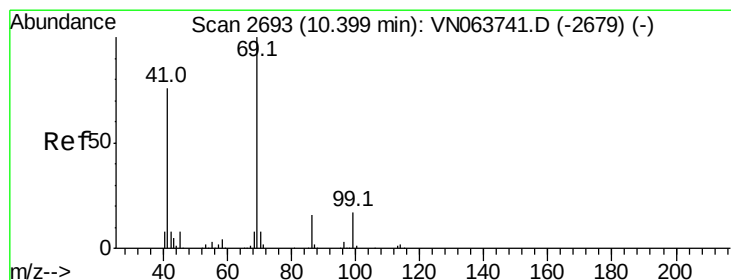
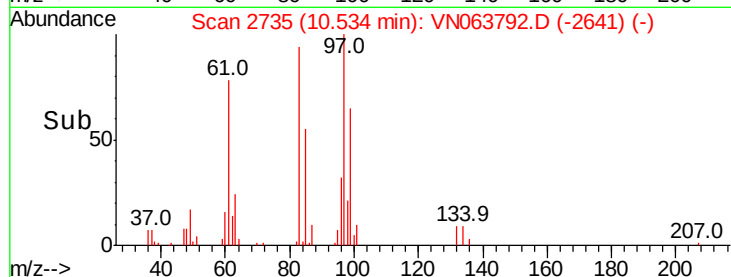
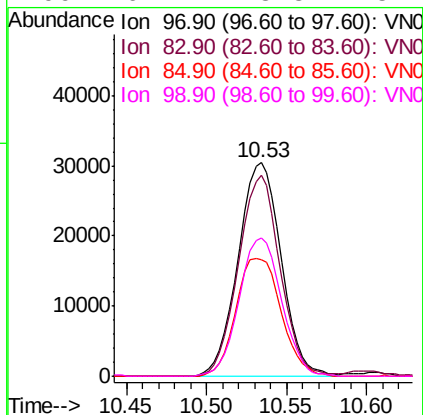
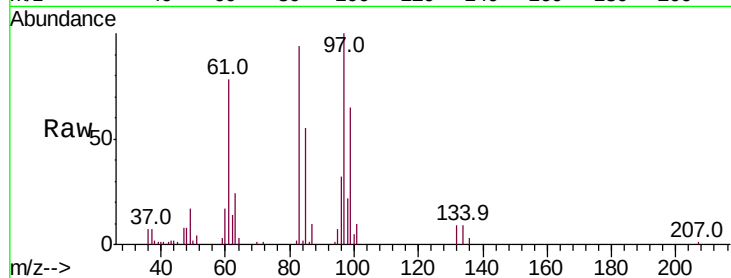




#55
 1,1,2-Trichloroethane
 Concen: 19.204 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

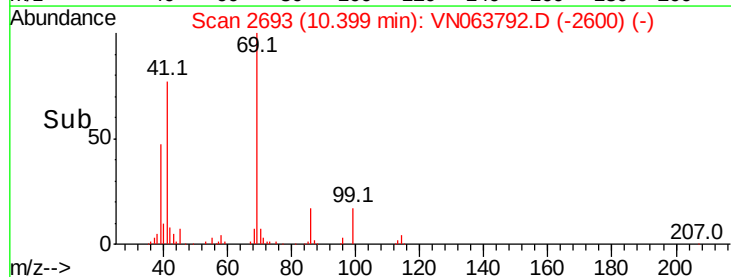
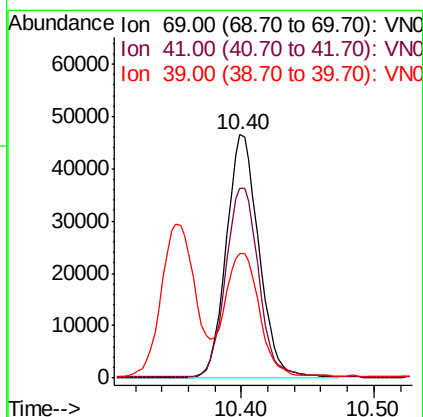
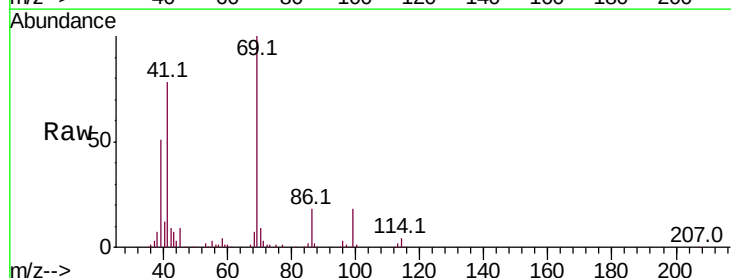
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

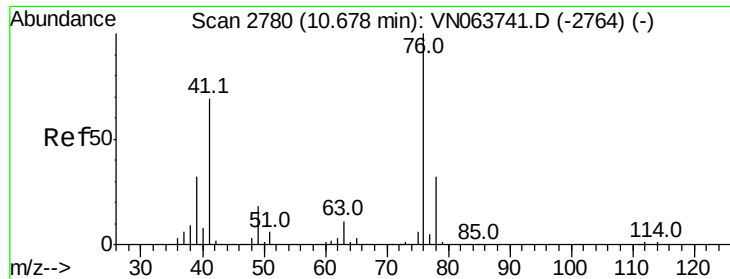
Tot Ion: 97 Resp: 56075
 Ion Ratio Lower Upper
 97 100
 83 94.1 70.7 106.1
 85 54.8 46.1 69.1
 99 64.7 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.239 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 69 Resp: 79629
 Ion Ratio Lower Upper
 69 100
 41 77.9 61.1 91.7
 39 52.9 42.2 63.4

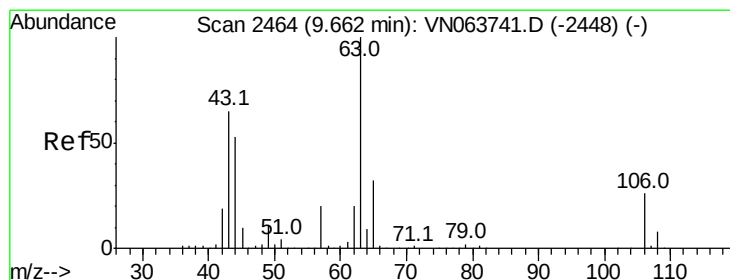
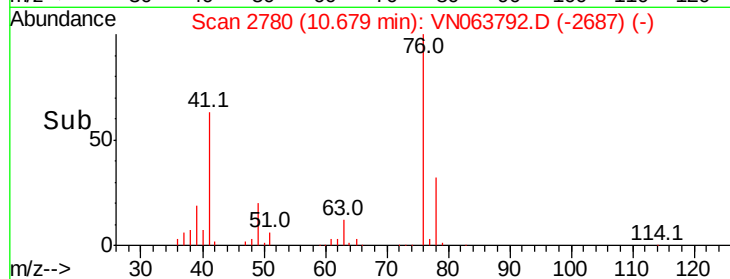
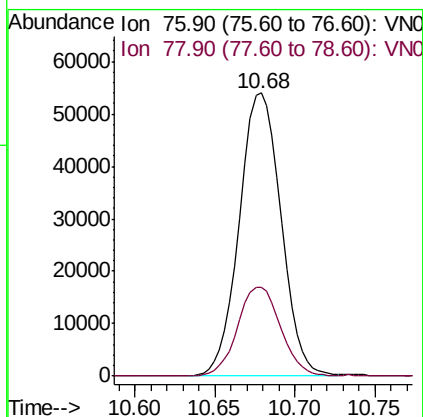
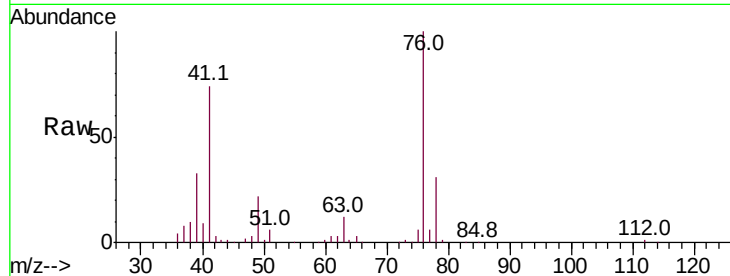




#57
 1,3-Dichloropropane
 Concen: 19.484 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

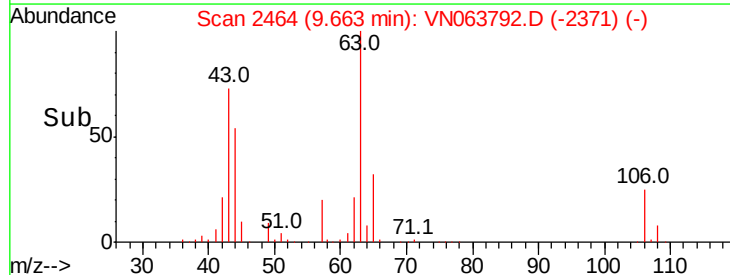
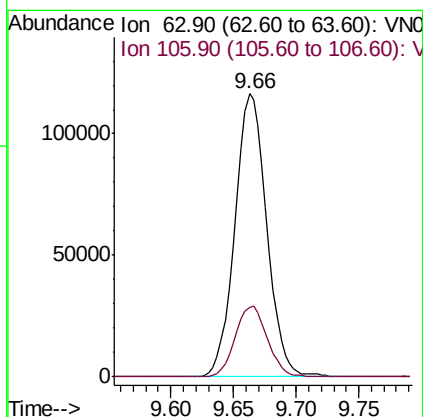
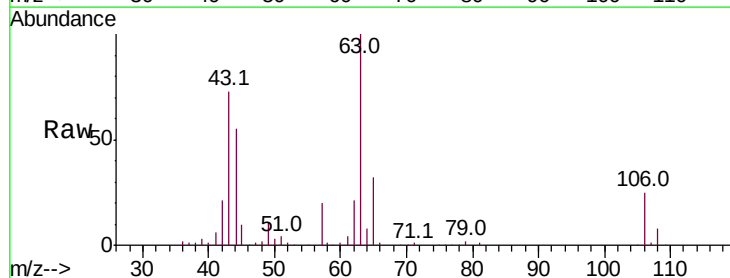
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

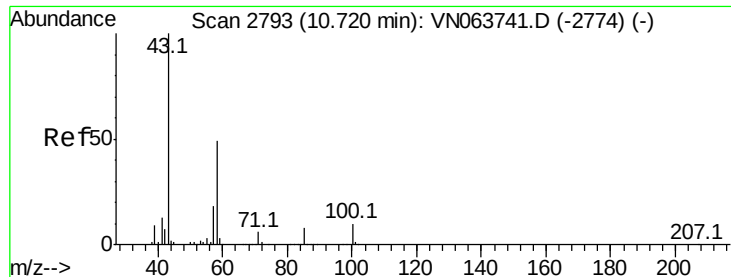
Tot Ion: 76 Resp: 96250
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.936 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion: 63 Resp: 205755
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.7 31.1

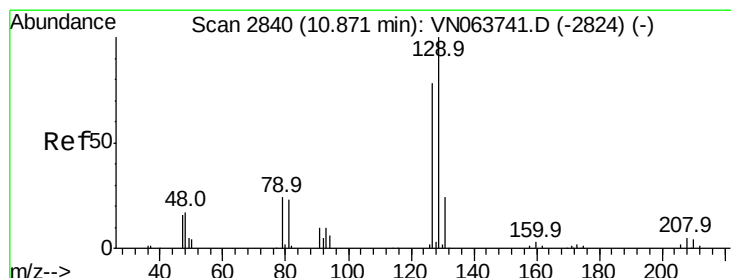
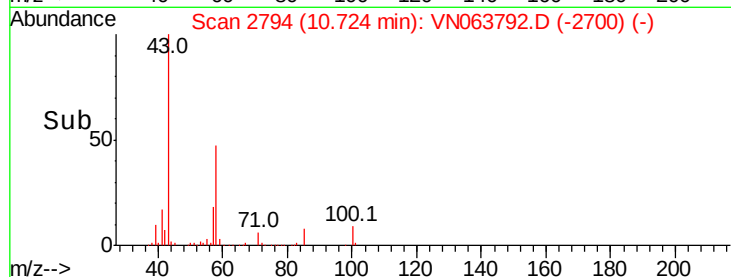
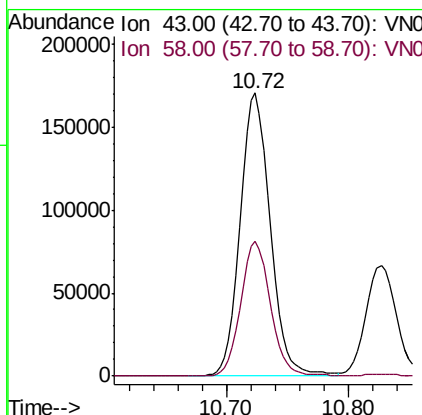
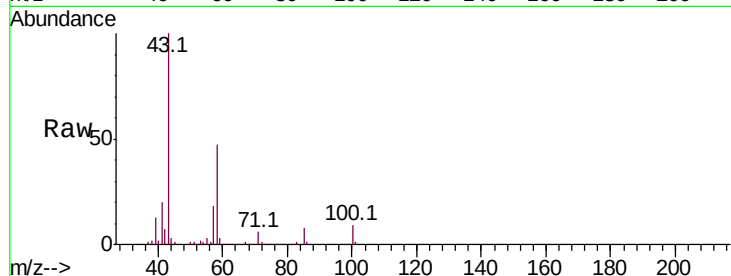




#59
2-Hexanone
Concen: 97.491 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

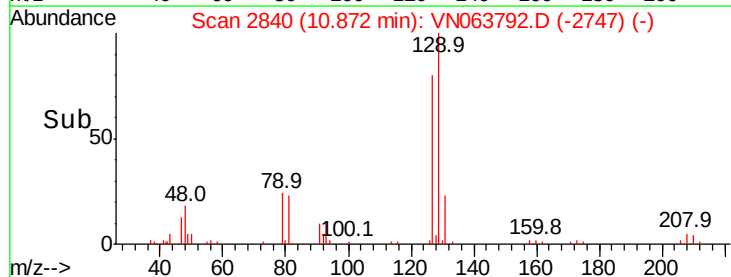
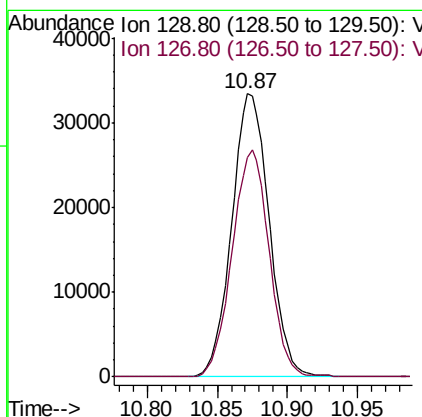
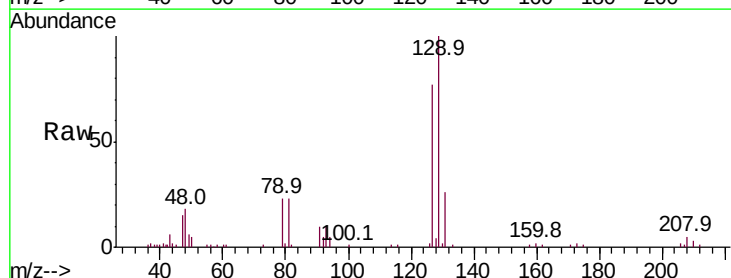
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

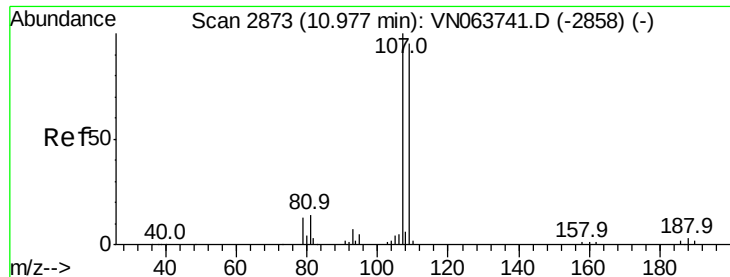
Tot Ion: 43 Resp: 287039
Ion Ratio Lower Upper
43 100
58 47.4 24.6 73.8



#60
Dibromochloromethane
Concen: 18.255 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 129 Resp: 62076
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.133 ug/l

RT: 10.98 min Scan# 2874

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

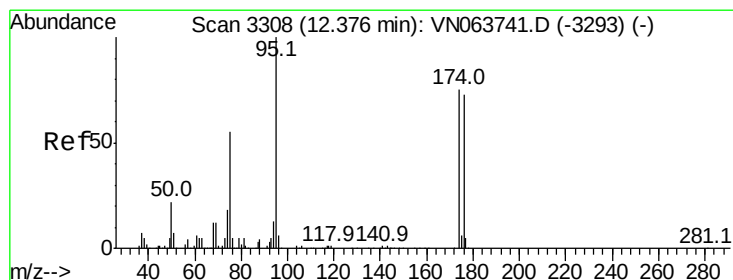
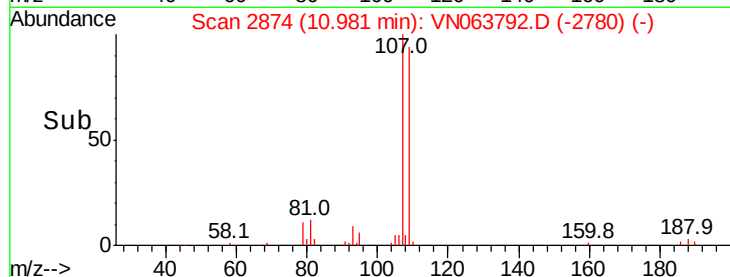
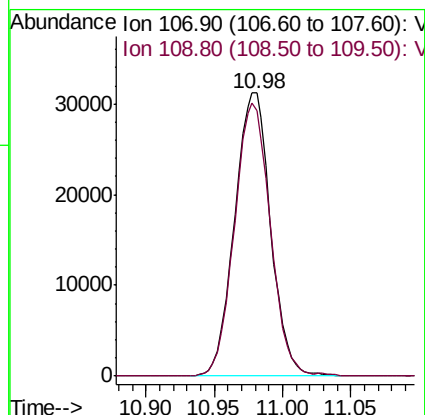
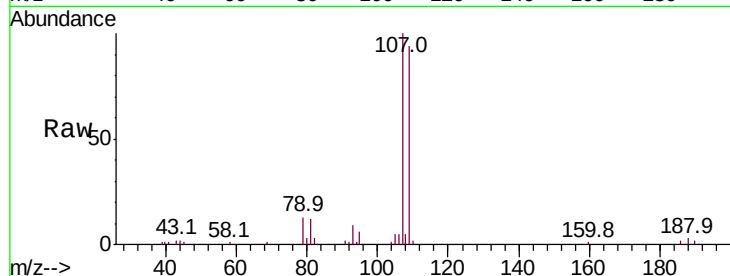
VN1001WBS02

Tot Ion:107 Resp: 57149

Ion Ratio Lower Upper

107 100

109 96.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.152 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

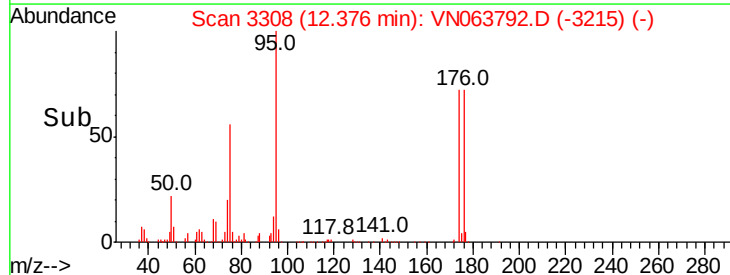
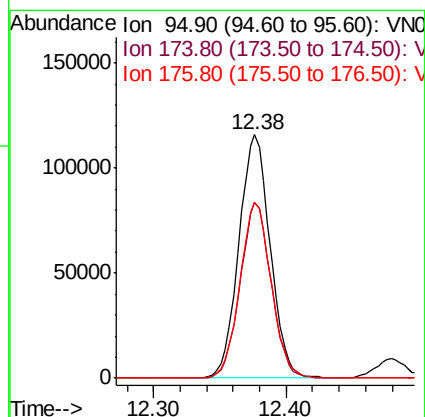
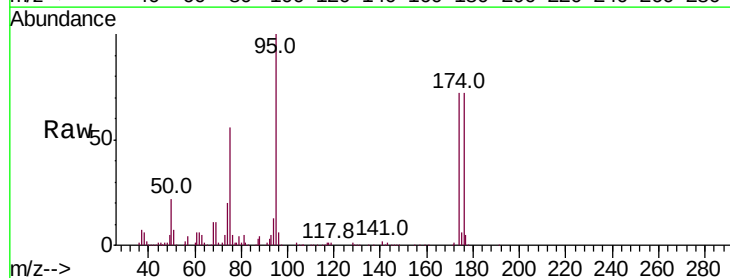
Tgt Ion: 95 Resp: 189665

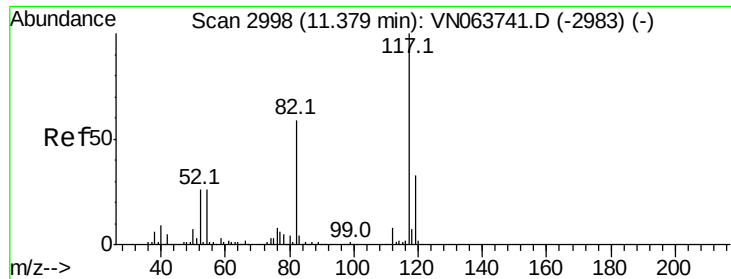
Ion Ratio Lower Upper

95 100

174 71.3 0.0 150.6

176 72.2 0.0 145.4

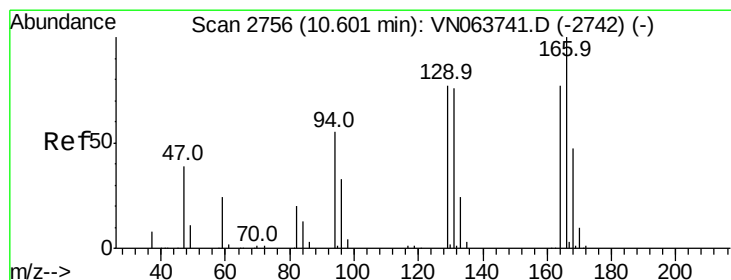
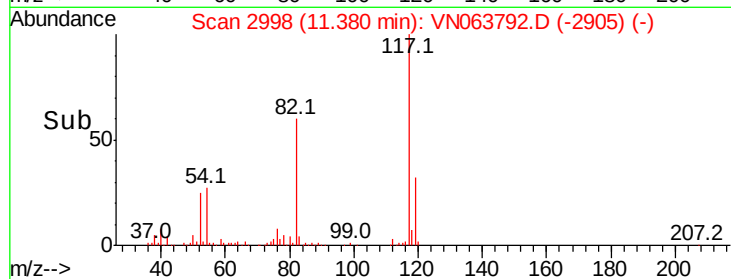
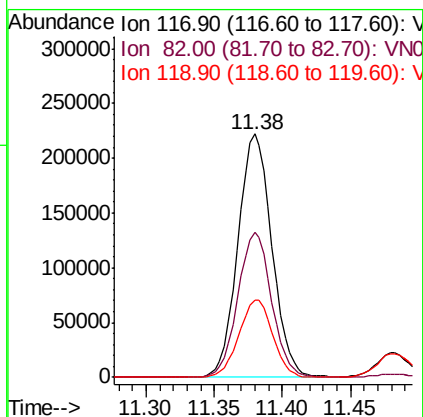
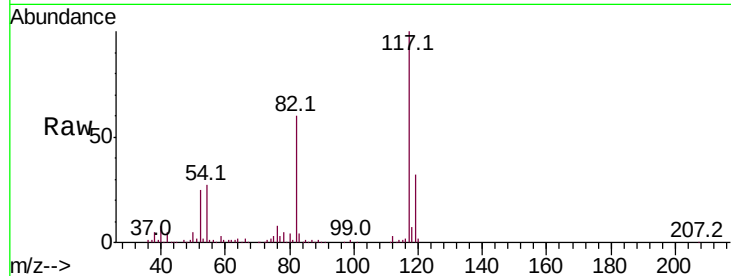




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

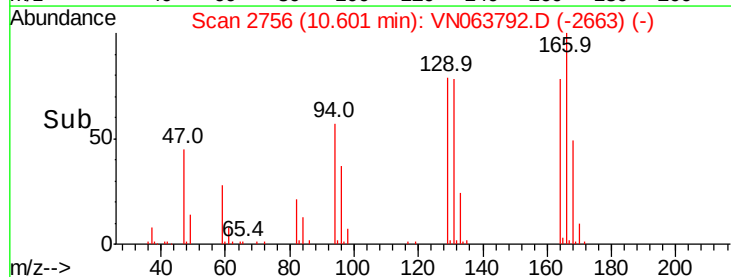
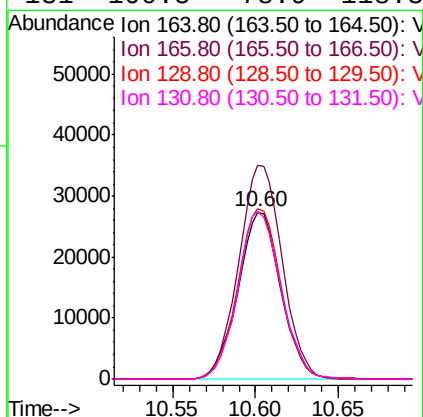
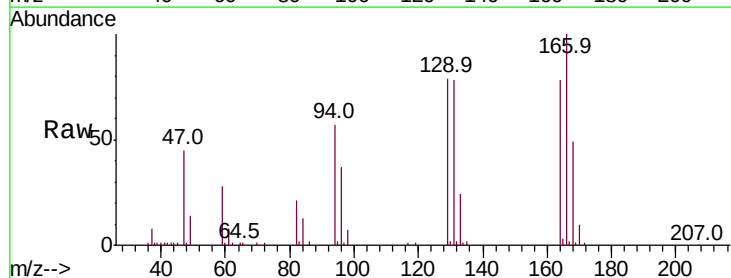
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

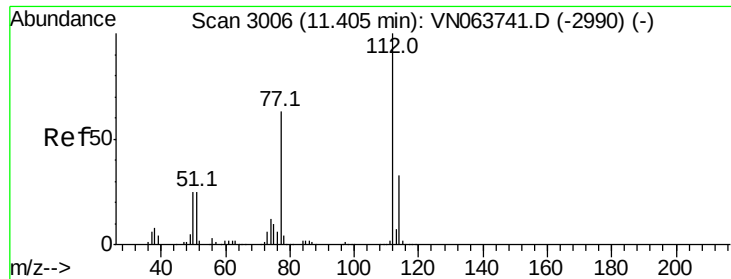
Tot Ion:117 Resp: 384449
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.9 26.4 39.6



#64
Tetrachloroethene
Concen: 16.420 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion:164 Resp: 48839
Ion Ratio Lower Upper
164 100
166 128.1 103.9 155.9
129 101.8 80.3 120.5
131 100.5 78.9 118.3

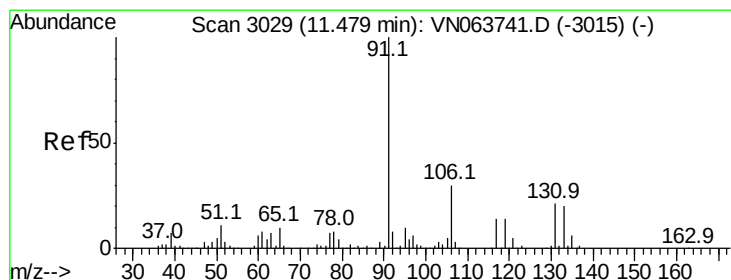
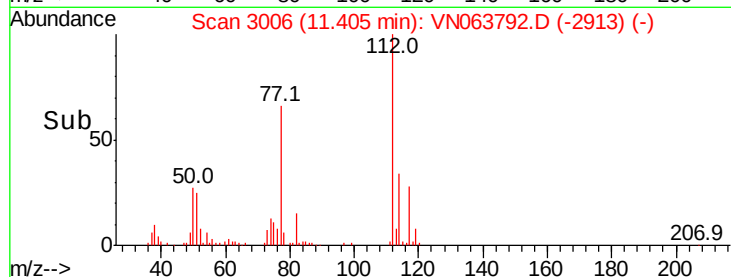
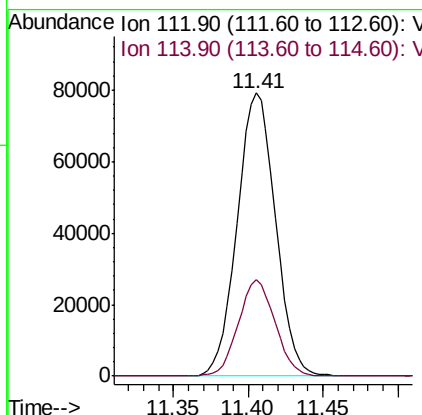
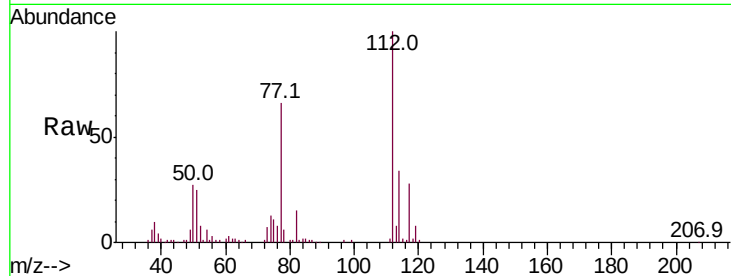




#65
Chlorobenzene
Concen: 17.879 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

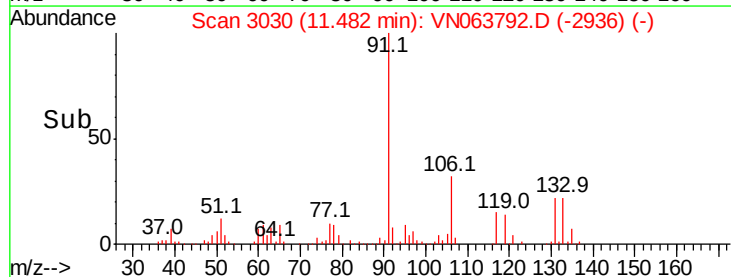
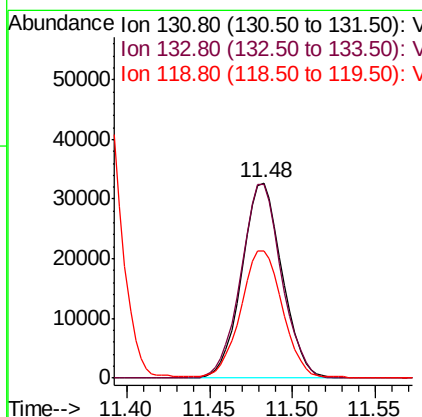
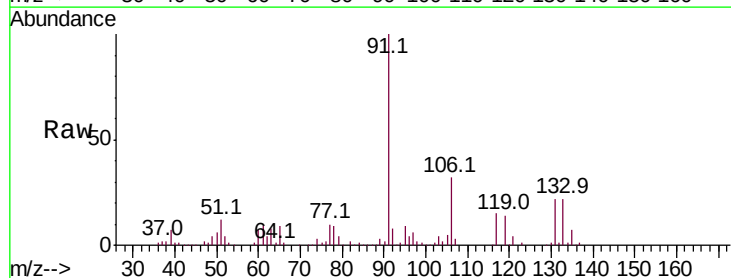
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

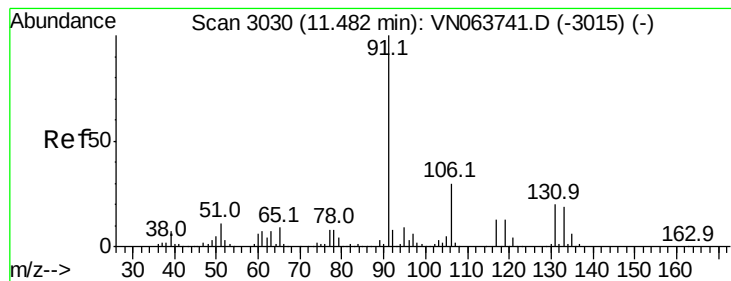
Tot Ion:112 Resp: 140995
Ion Ratio Lower Upper
112 100
114 33.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.277 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion:131 Resp: 55258
Ion Ratio Lower Upper
131 100
133 100.5 47.3 141.8
119 68.6 32.6 97.7





#67

Ethyl Benzene

Concen: 17.583 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampled :

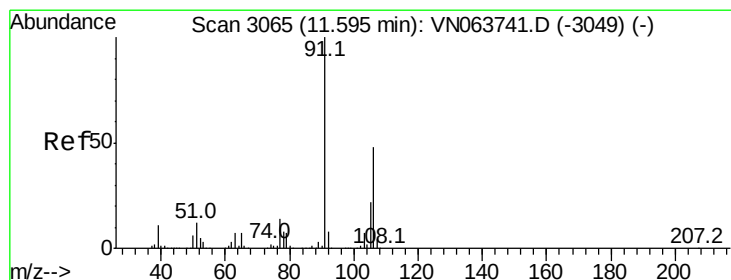
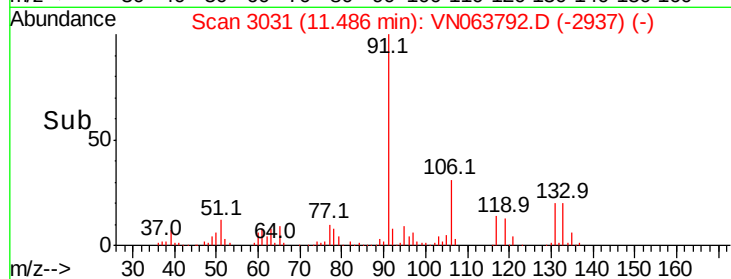
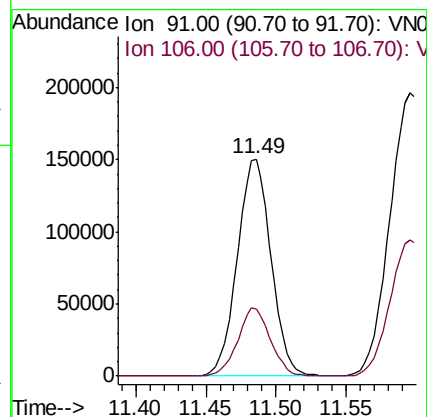
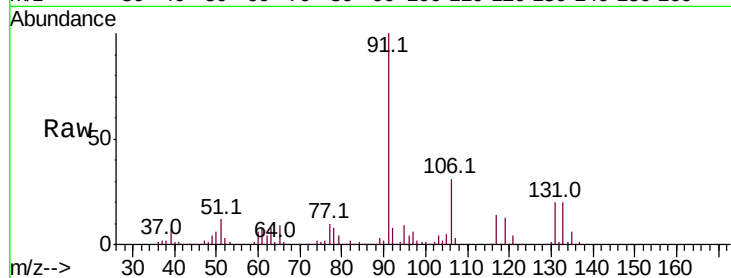
VN1001WBS02

Tot Ion: 91 Resp: 252315

Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.2



#68

m/p-Xylenes

Concen: 35.053 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063792.D

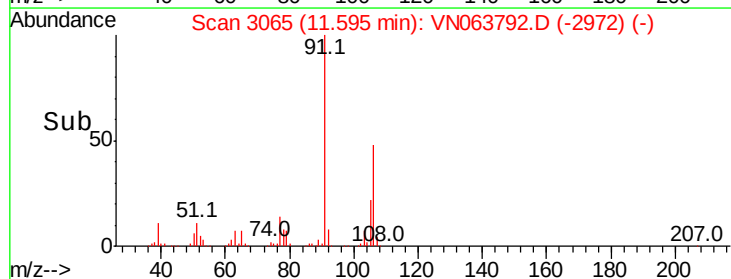
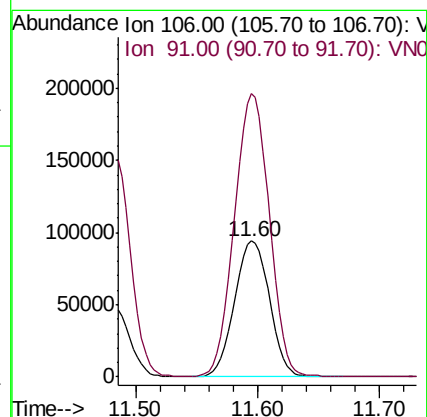
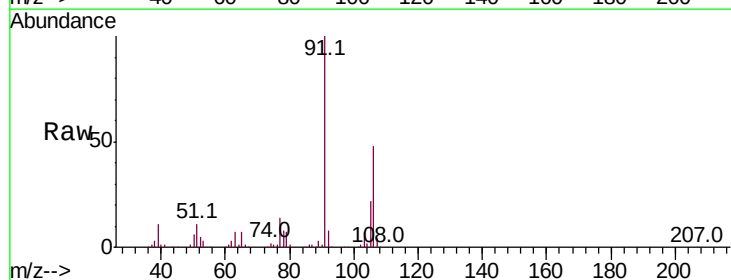
Acq: 2 Oct 2020 00:32

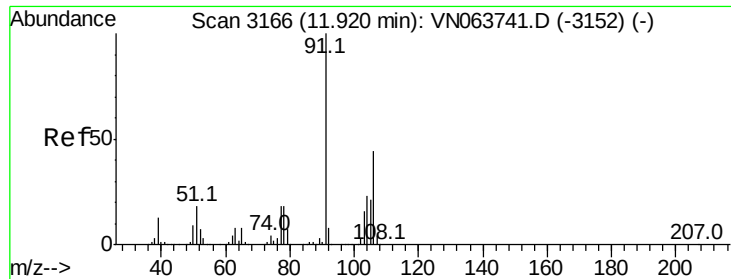
Tgt Ion: 106 Resp: 187473

Ion Ratio Lower Upper

106 100

91 208.0 168.0 252.0

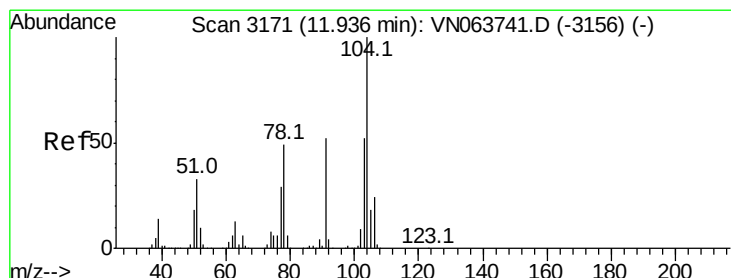
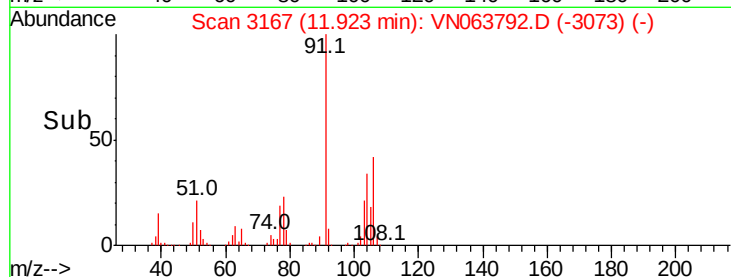
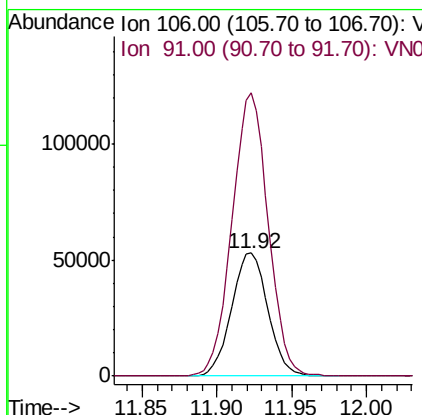
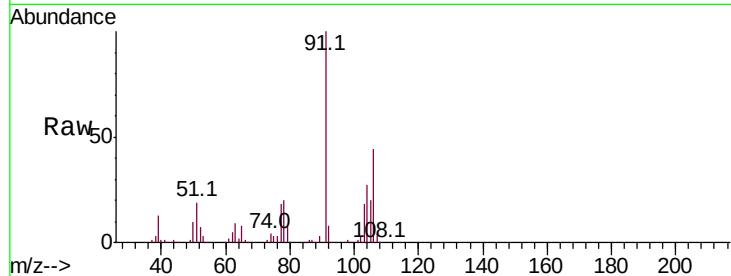




#69
o-Xylene
Concen: 17.923 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

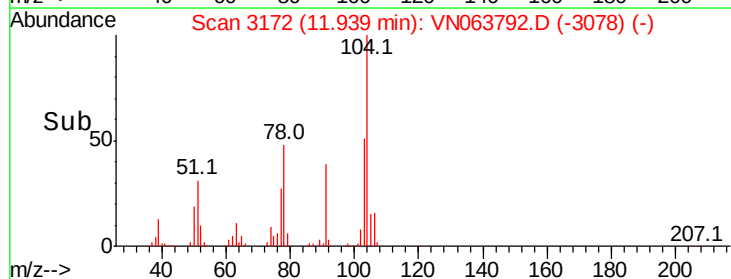
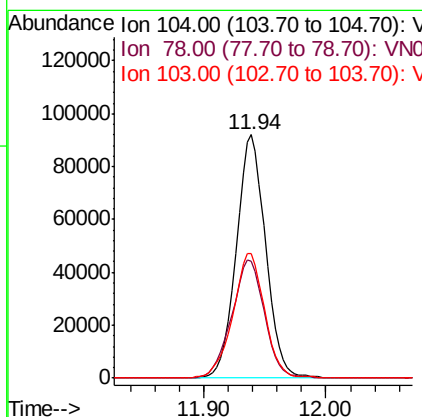
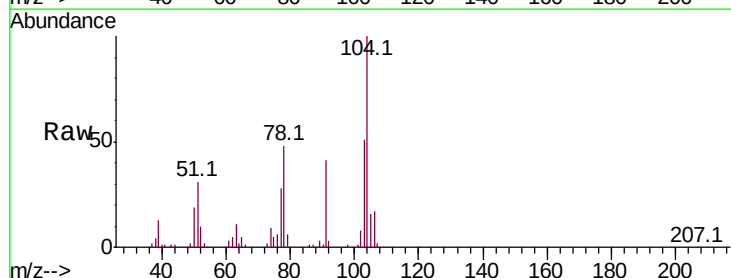
Instrument :
MSVOA_N
ClientSampled :
VN1001WBS02

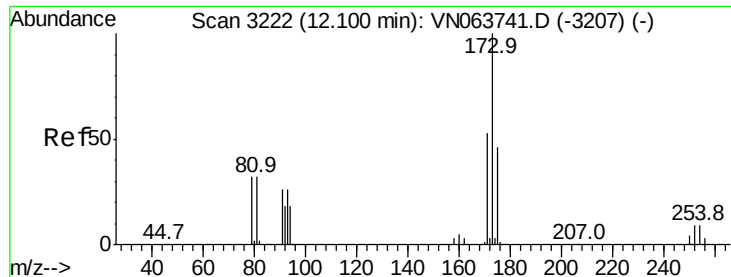
Tot Ion:106 Resp: 89595
Ion Ratio Lower Upper
106 100
91 228.6 112.7 338.0



#70
Styrene
Concen: 18.031 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion:104 Resp: 152999
Ion Ratio Lower Upper
104 100
78 54.4 44.1 66.1
103 55.5 44.3 66.5





#71

Bromoform

Concen: 17.644 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

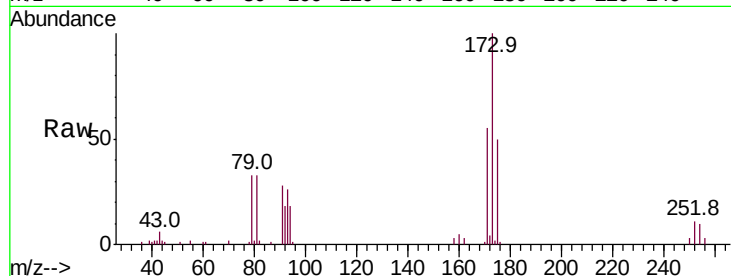
Tot Ion:173 Resp: 40798

Ion Ratio Lower Upper

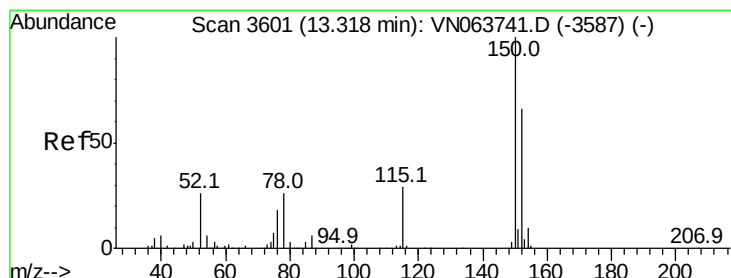
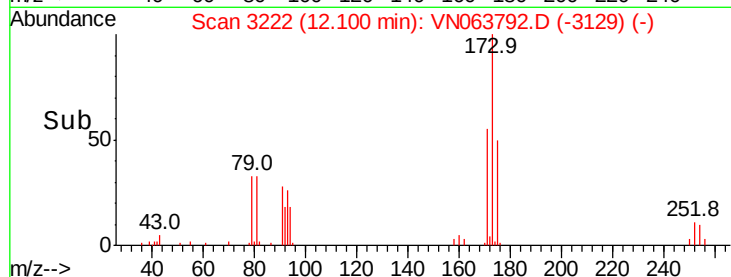
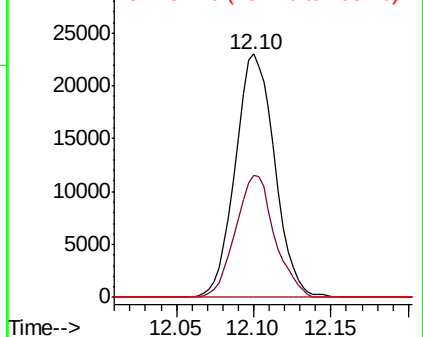
173 100

175 49.5 23.5 70.5

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: VN063792.D

Acq: 2 Oct 2020 00:32

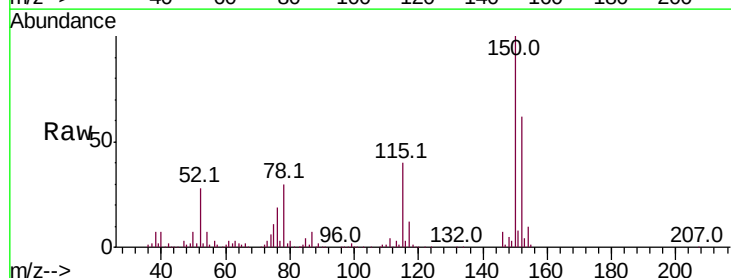
Tgt Ion:152 Resp: 173591

Ion Ratio Lower Upper

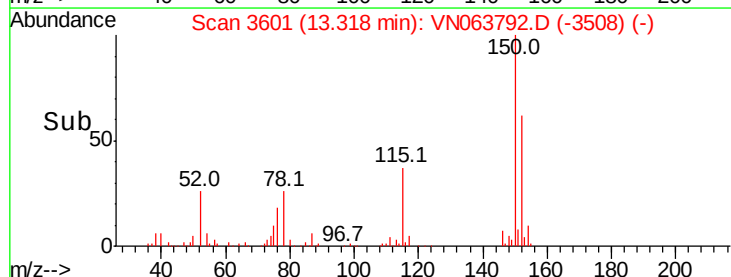
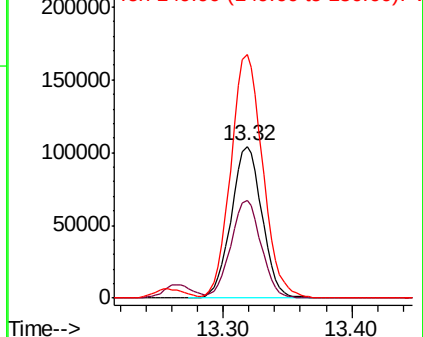
152 100

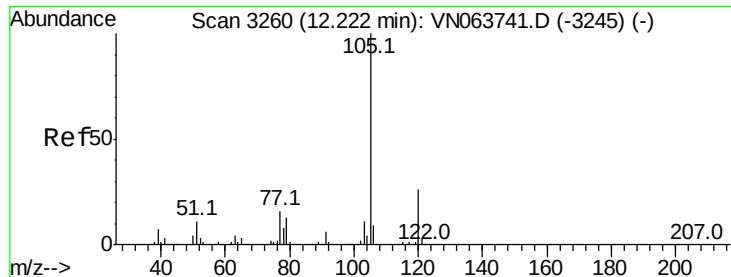
115 63.0 31.3 93.8

150 164.5 0.0 341.8



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: 18.280 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

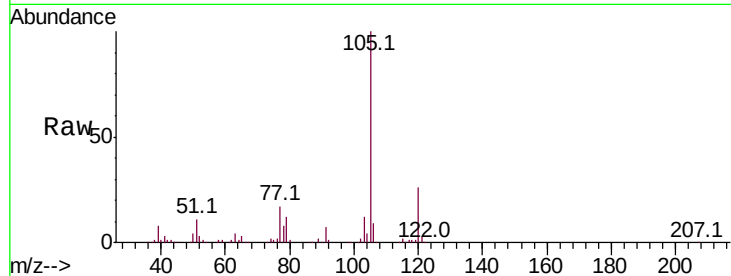
VN1001WBS02

Tot Ion:105 Resp: 231453

Ion Ratio Lower Upper

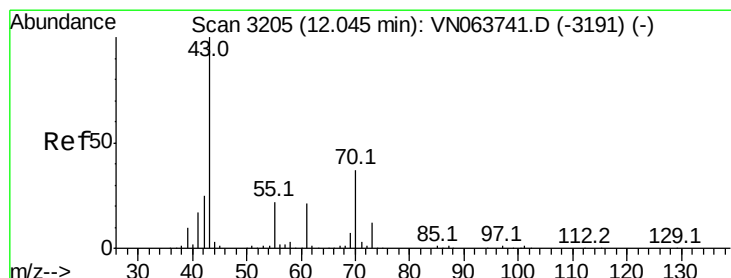
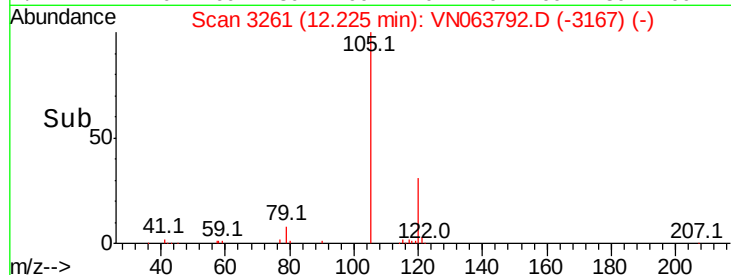
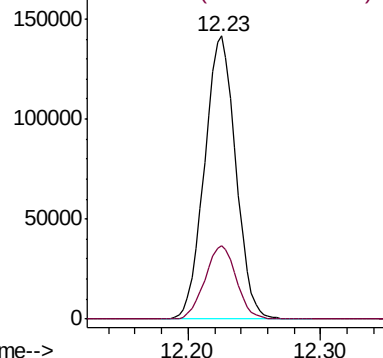
105 100

120 25.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 19.936 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion: 43 Resp: 109114

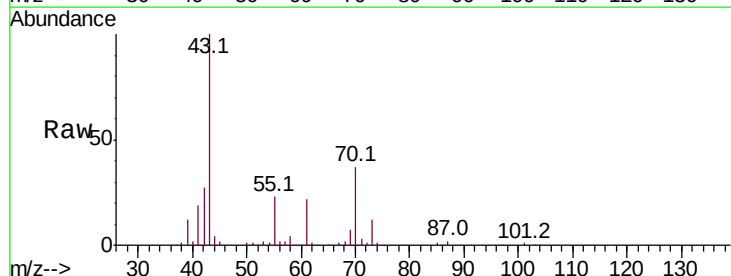
Ion Ratio Lower Upper

43 100

70 36.9 29.8 44.8

55 23.3 17.9 26.9

61 21.9 17.0 25.4

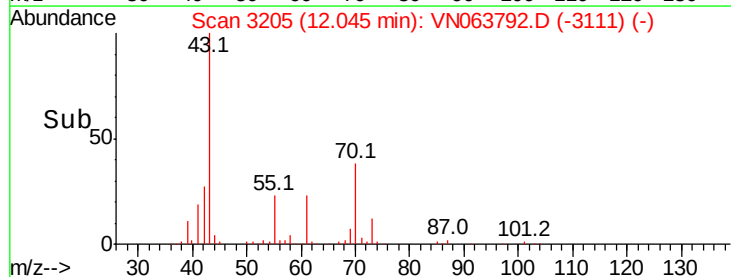
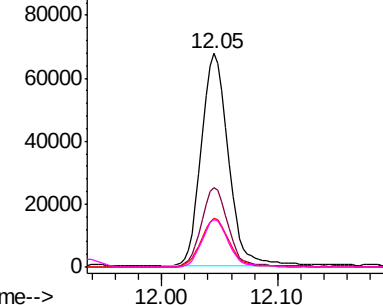


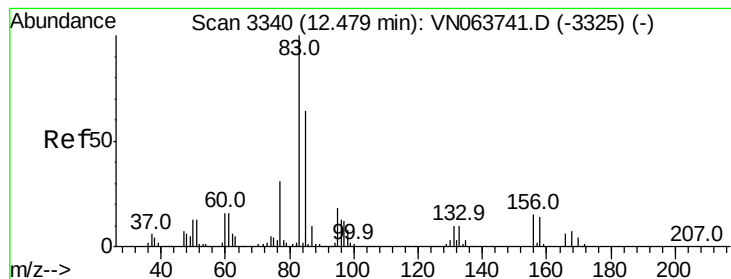
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 20.467 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

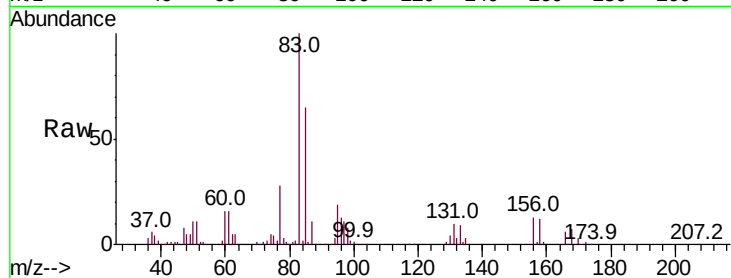
Tot Ion: 83 Resp: 79243

Ion Ratio Lower Upper

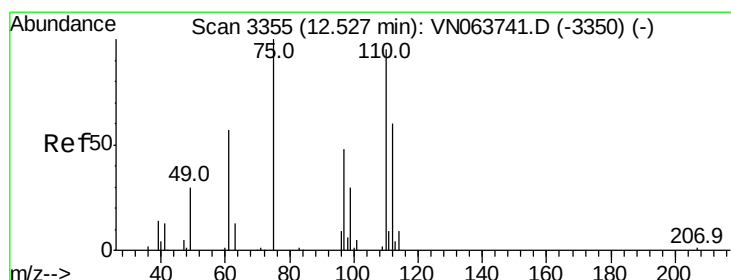
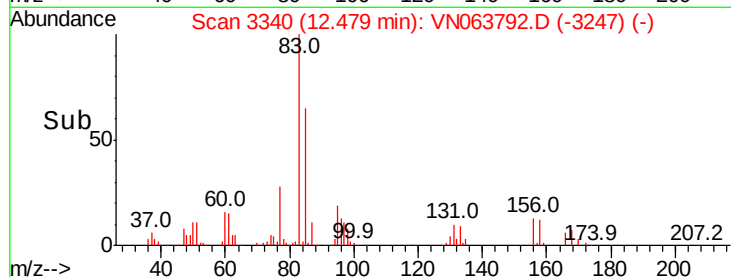
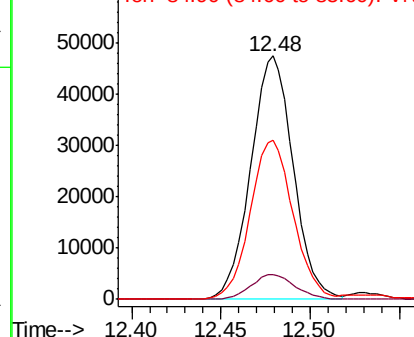
83 100

131 10.3 5.3 15.8

85 65.9 31.3 93.8



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



#76

1,2,3-Trichloropropane

Concen: 28.368 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063792.D

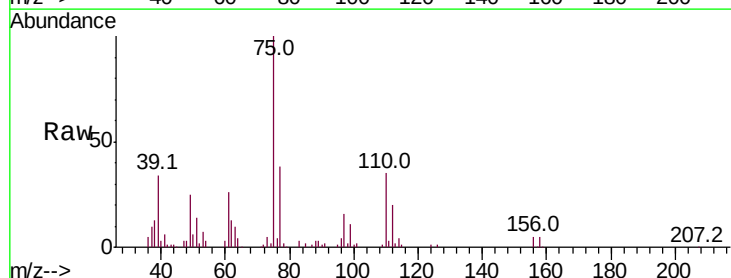
Acq: 2 Oct 2020 00:32

Tgt Ion: 75 Resp: 108554

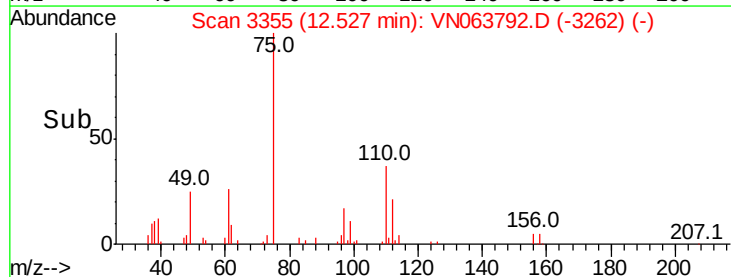
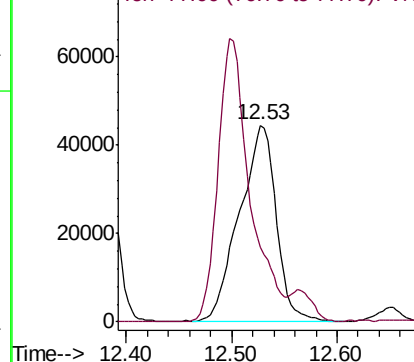
Ion Ratio Lower Upper

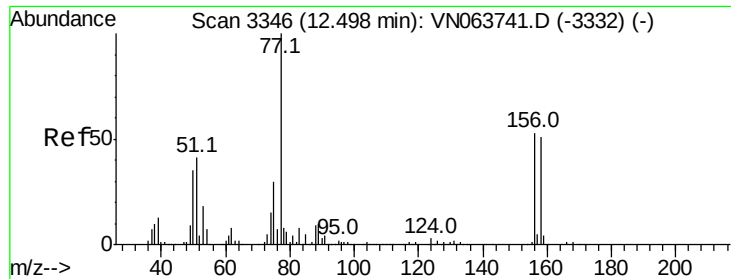
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.171 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

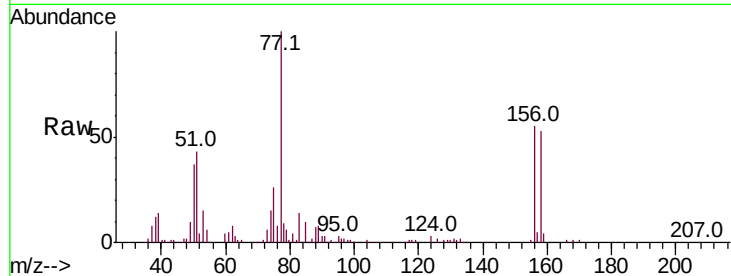
Tot Ion:156 Resp: 59562

Ion Ratio Lower Upper

156 100

77 227.8 110.9 332.7

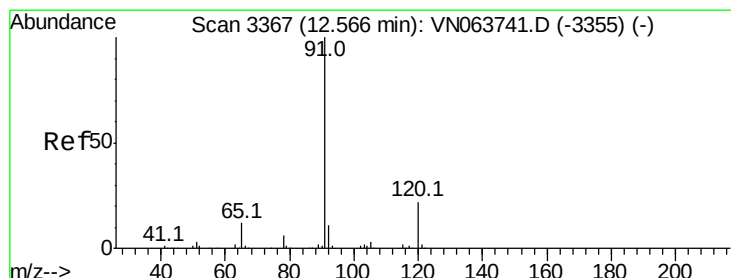
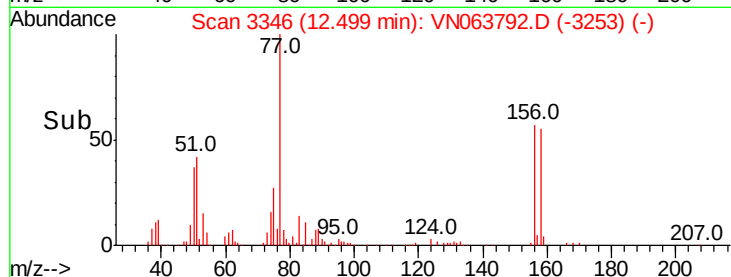
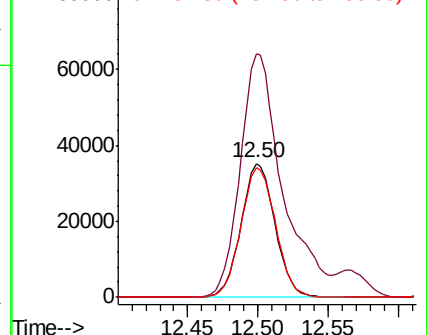
158 98.8 47.7 143.1



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: 17.954 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063792.D

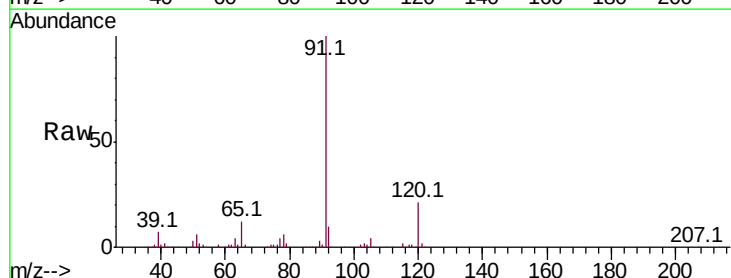
Acq: 2 Oct 2020 00:32

Tgt Ion: 91 Resp: 264566

Ion Ratio Lower Upper

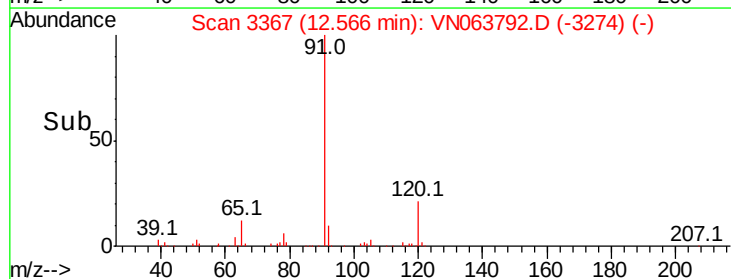
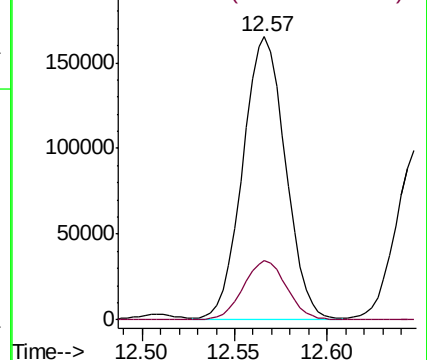
91 100

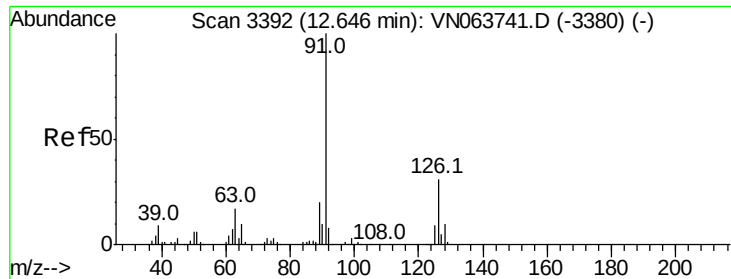
120 21.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.574 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

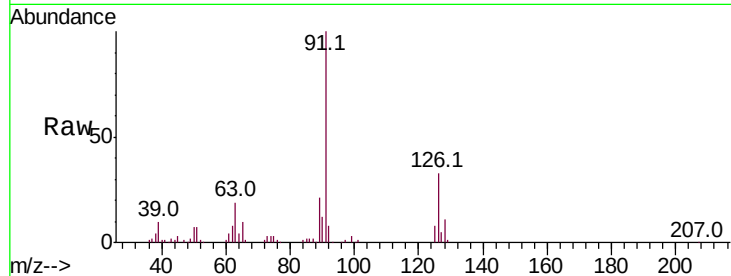
VN1001WBS02

Tot Ion: 91 Resp: 168333

Ion Ratio Lower Upper

91 100

126 32.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

150000

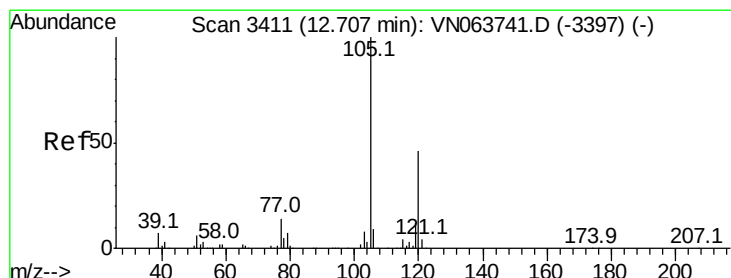
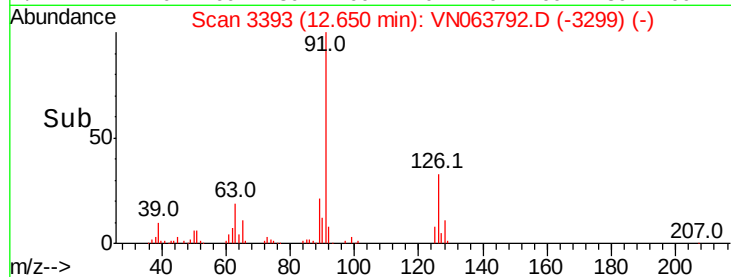
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.420 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063792.D

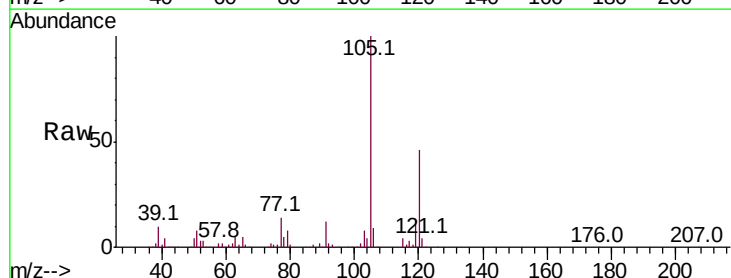
Acq: 2 Oct 2020 00:32

Tgt Ion:105 Resp: 195661

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

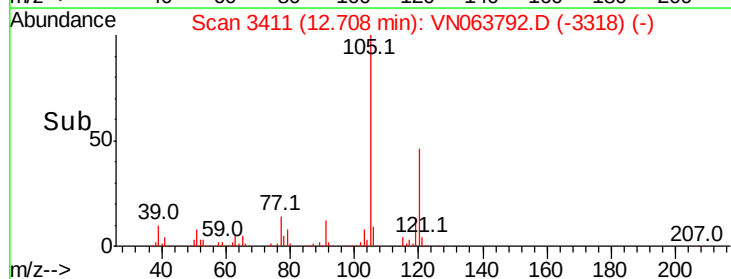
100000

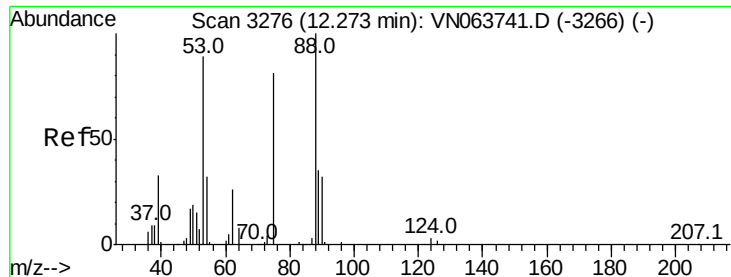
50000

0

12.70 12.71 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.440 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

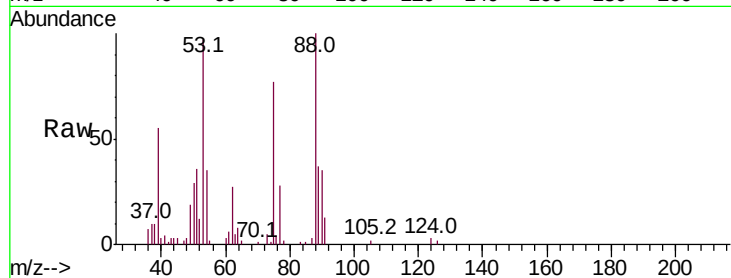
Tot Ion: 75 Resp: 23171

Ion Ratio Lower Upper

75 100

53 120.3 88.2 132.2

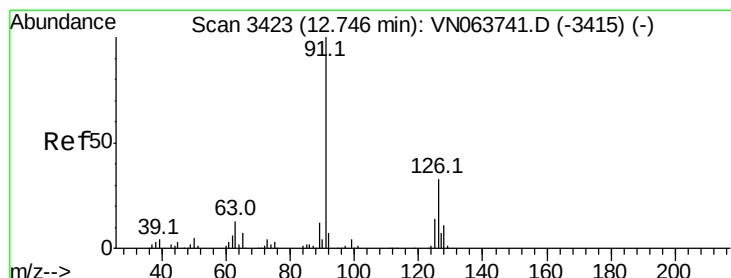
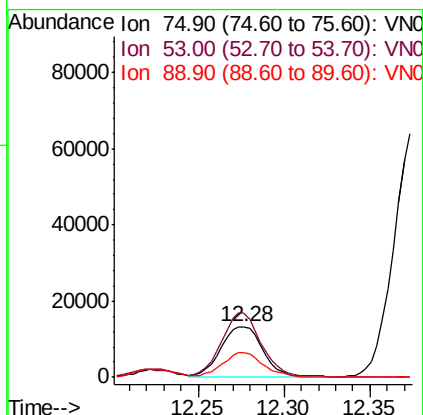
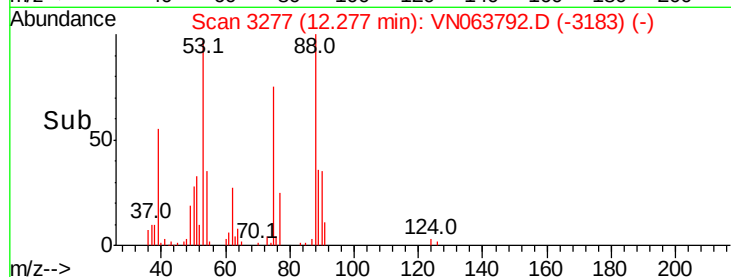
89 46.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.685 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063792.D

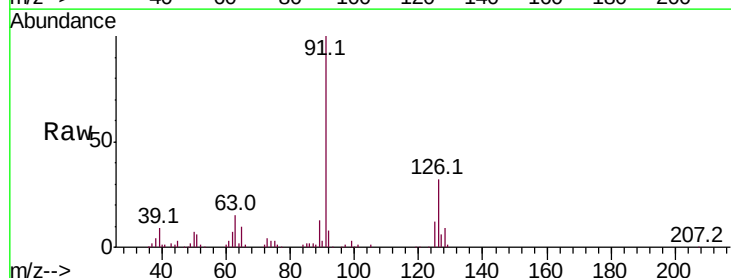
Acq: 2 Oct 2020 00:32

Tgt Ion: 91 Resp: 175790

Ion Ratio Lower Upper

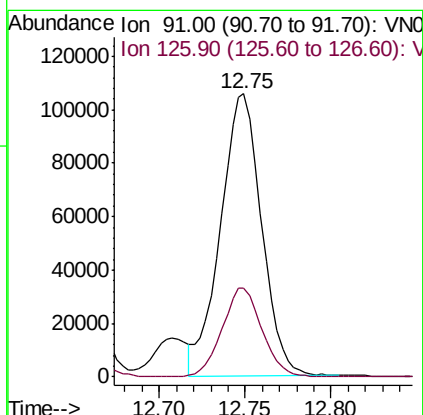
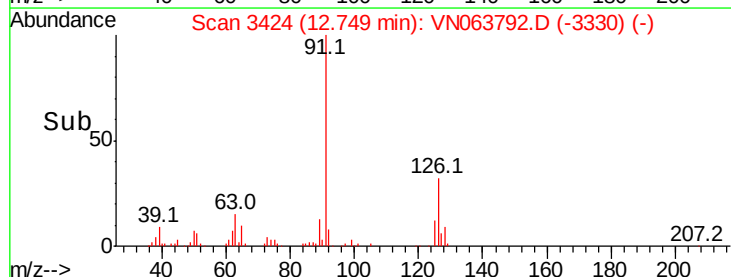
91 100

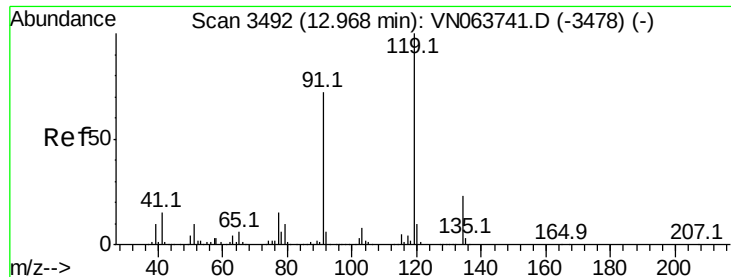
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

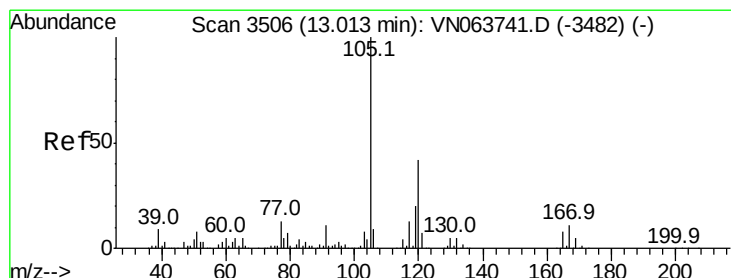
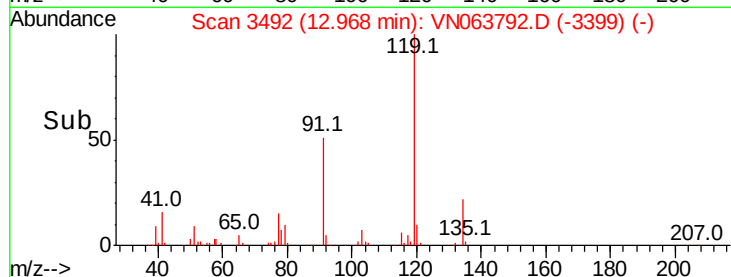
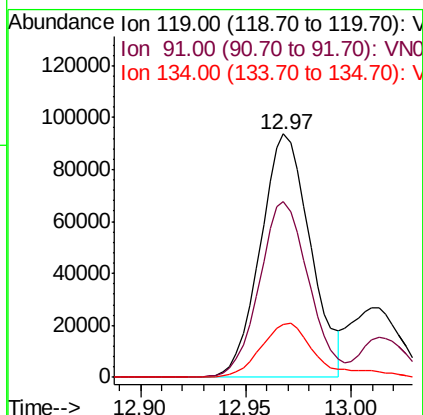
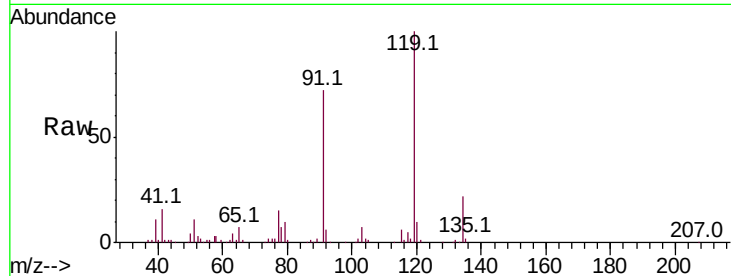




#83
tert-Butylbenzene
Concen: 17.813 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

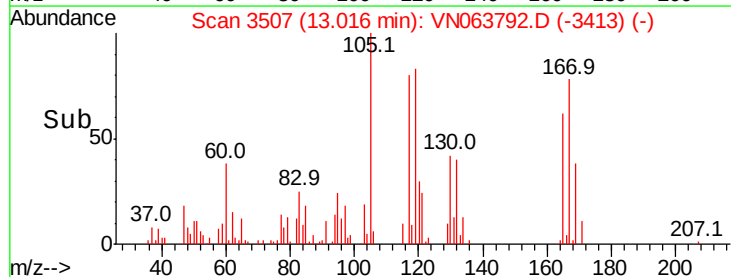
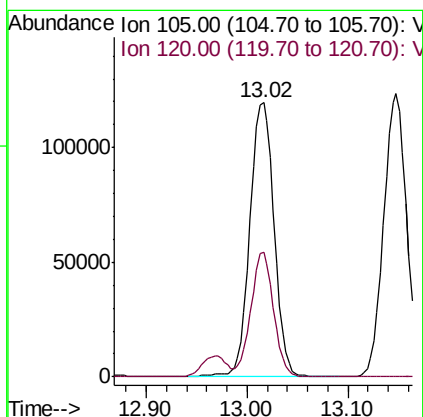
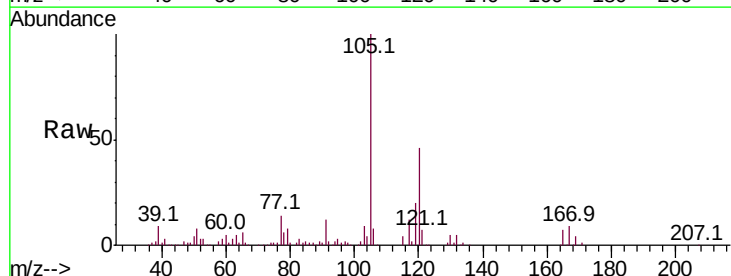
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

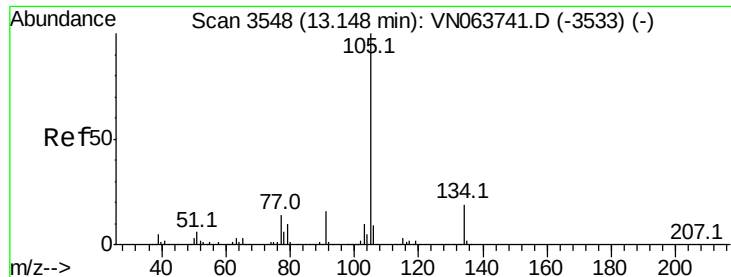
Tot Ion:119 Resp: 154778
Ion Ratio Lower Upper
119 100
91 71.5 35.5 106.5
134 24.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 18.683 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion:105 Resp: 198147
Ion Ratio Lower Upper
105 100
120 42.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 17.353 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampled :

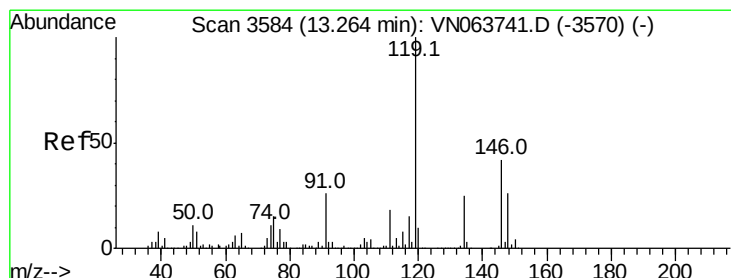
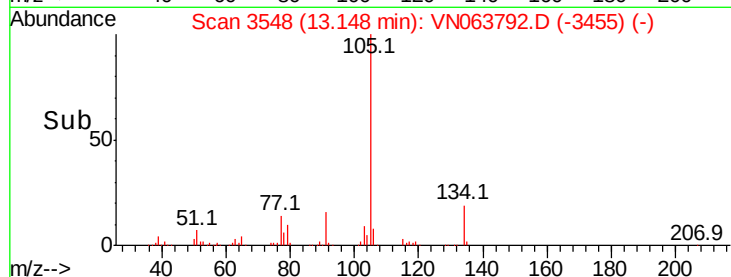
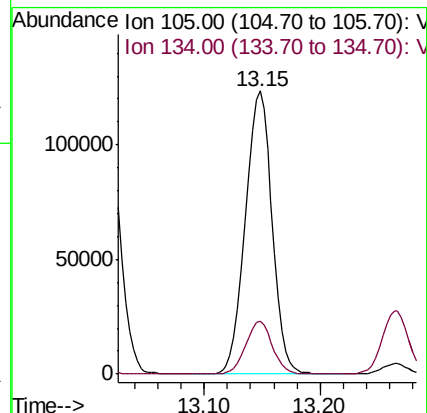
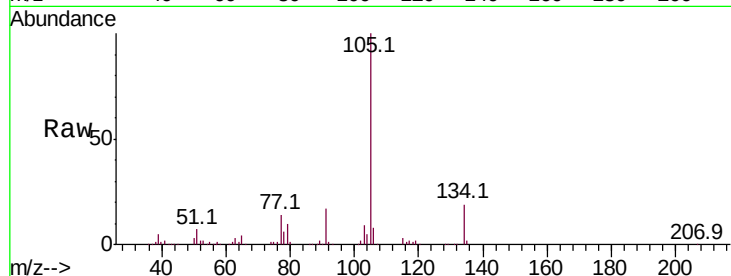
VN1001WBS02

Tot Ion:105 Resp: 198040

Ion Ratio Lower Upper

105 100

134 18.6 9.5 28.5



#86

p-Isopropyltoluene

Concen: 17.177 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

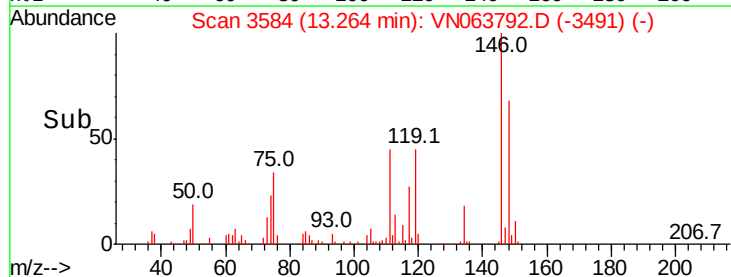
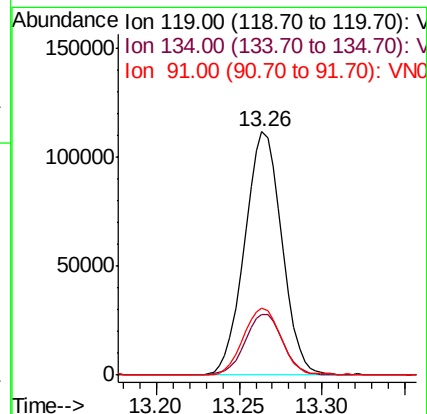
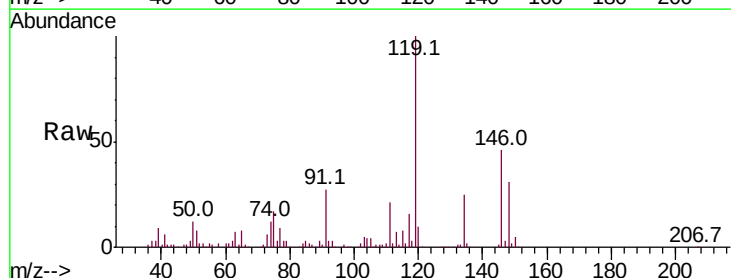
Tgt Ion:119 Resp: 173418

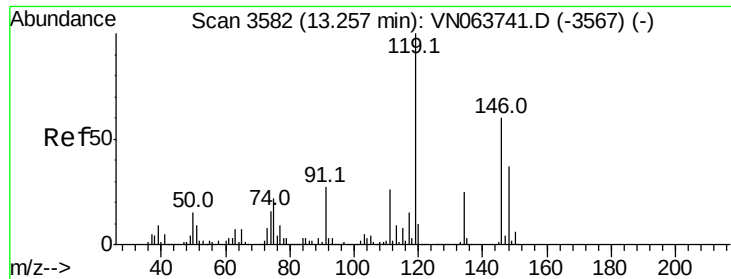
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 28.0 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.089 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

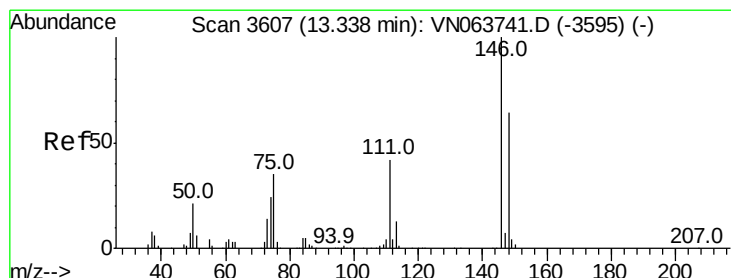
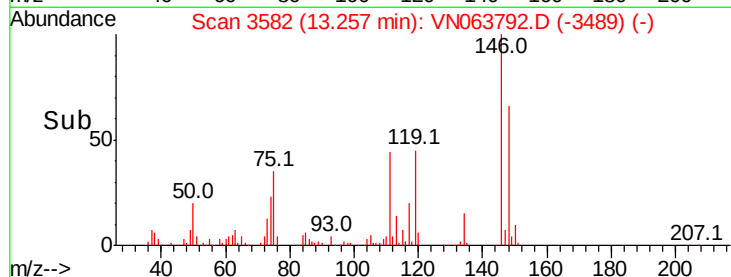
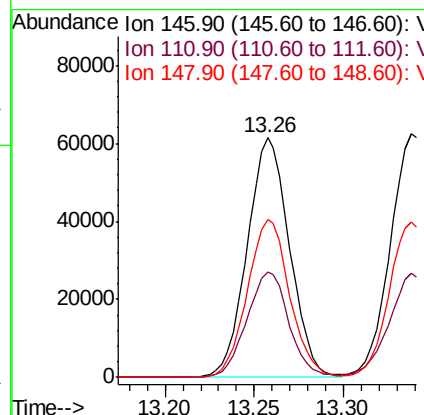
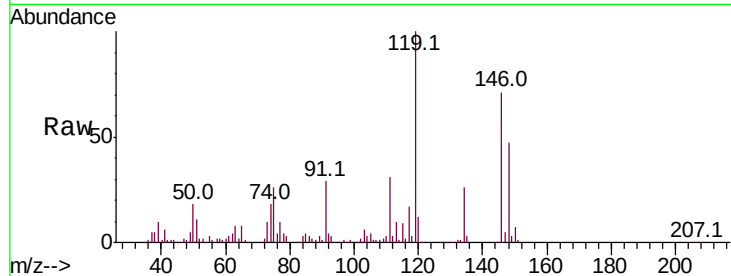
Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

Tot Ion:146 Resp: 101671

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.5	64.5
148	65.9	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 17.892 ug/l

RT: 13.34 min Scan# 3607

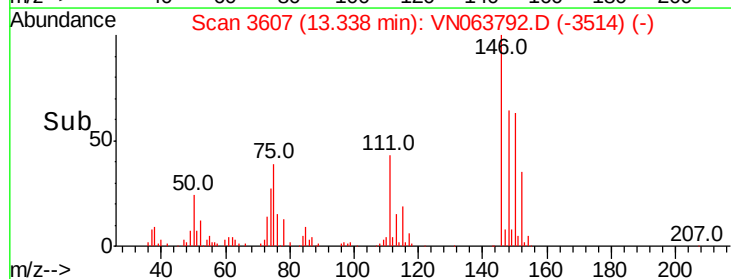
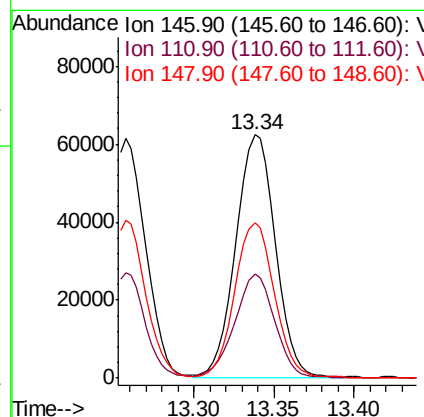
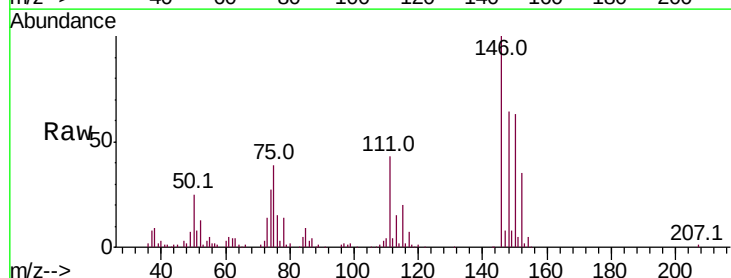
Delta R.T. 0.00 min

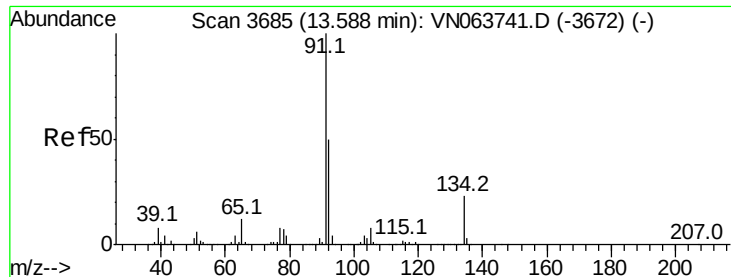
Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Tgt Ion:146 Resp: 104708

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.7
148	63.4	32.0	96.0

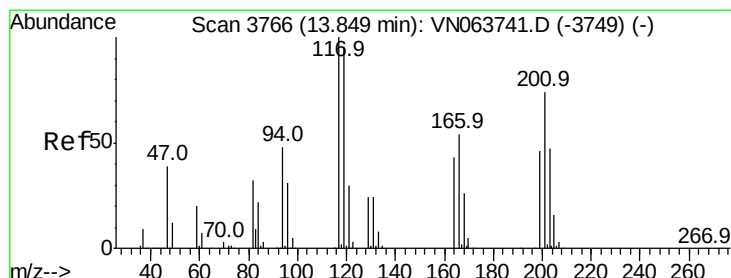
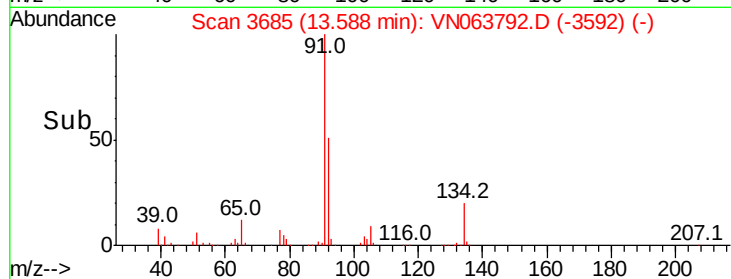
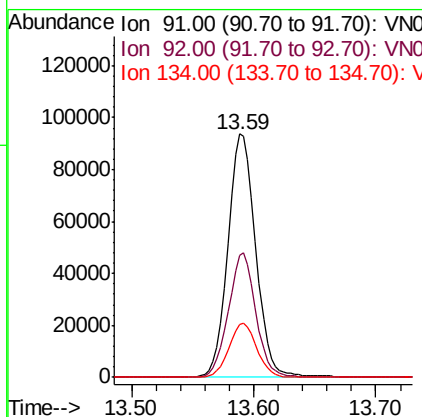
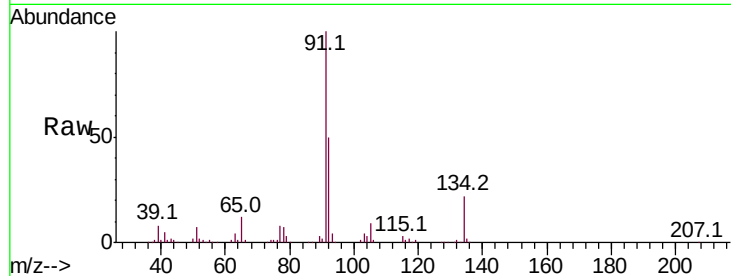




#89
n-Butylbenzene
Concen: 16.076 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

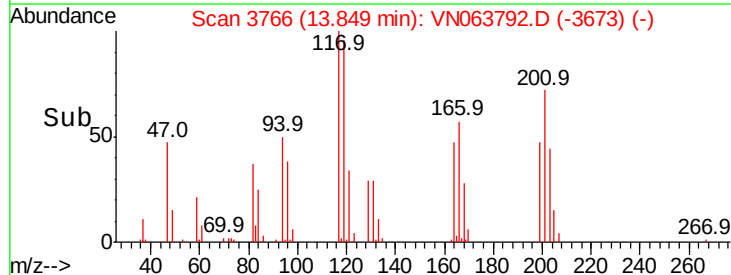
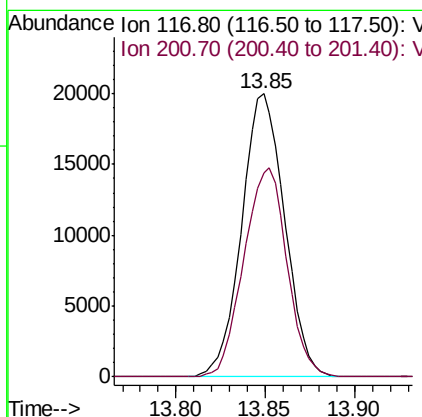
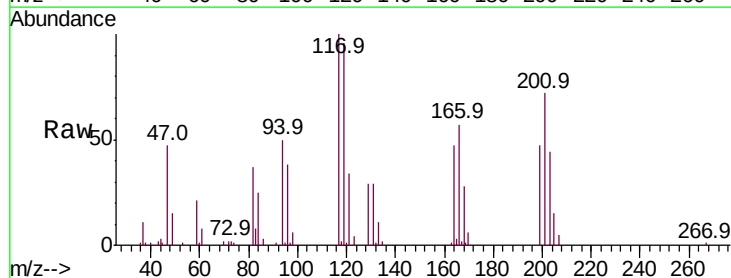
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS02

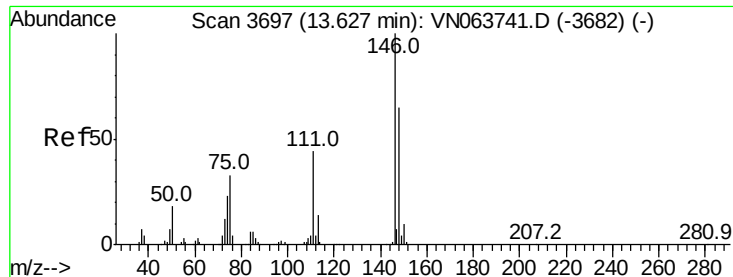
Tot Ion: 91 Resp: 149800
Ion Ratio Lower Upper
91 100
92 50.2 25.4 76.4
134 22.2 11.7 35.1



#90
Hexachloroethane
Concen: 17.172 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063792.D
Acq: 2 Oct 2020 00:32

Tgt Ion: 117 Resp: 33595
Ion Ratio Lower Upper
117 100
201 74.4 36.0 108.0

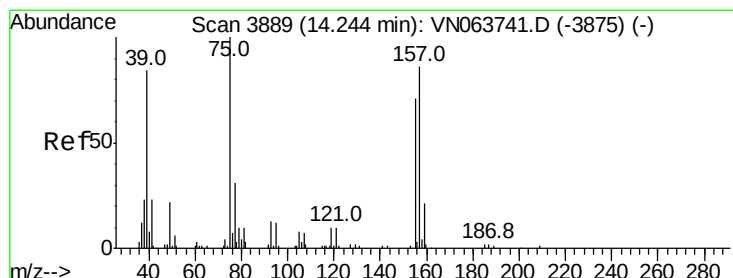
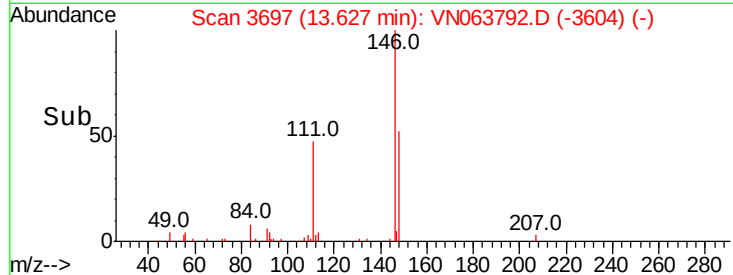
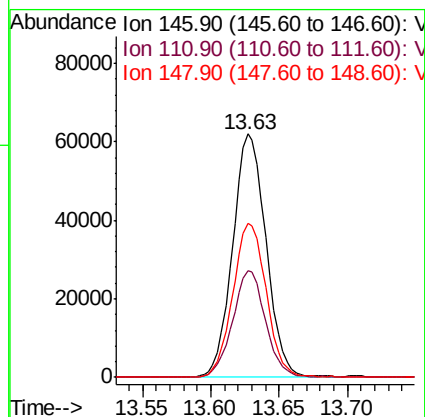
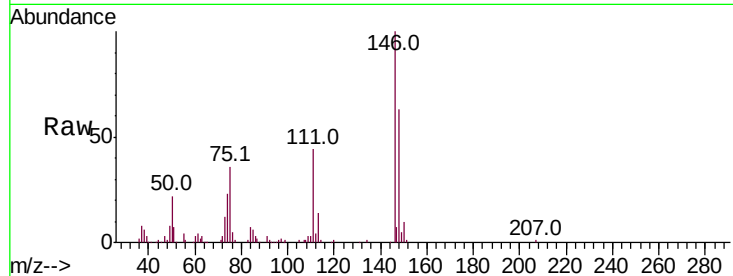




#91
 1,2-Dichlorobenzene
 Concen: 18.924 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

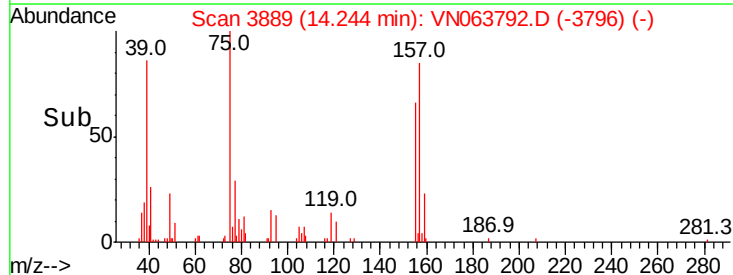
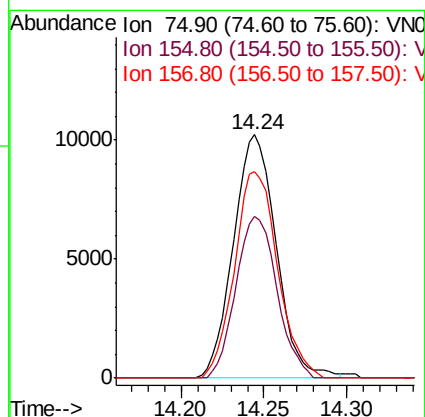
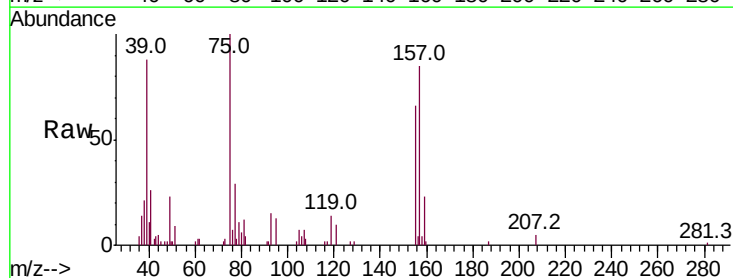
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

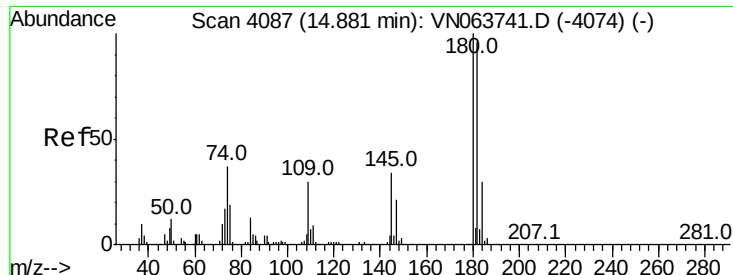
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.2	66.6
148	63.4	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.250 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.4	34.8	104.5
157	85.3	43.7	131.1

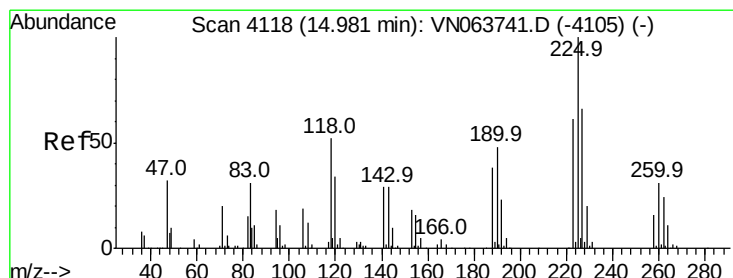
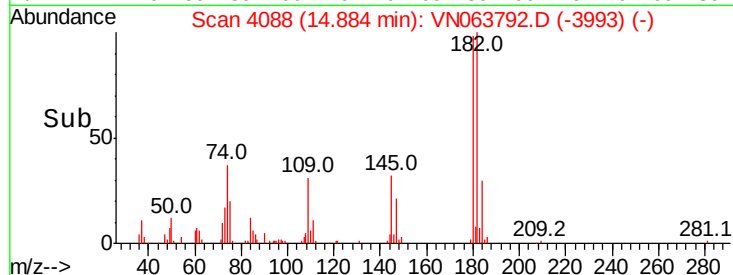
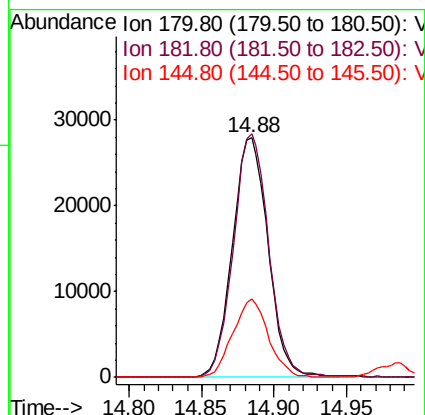
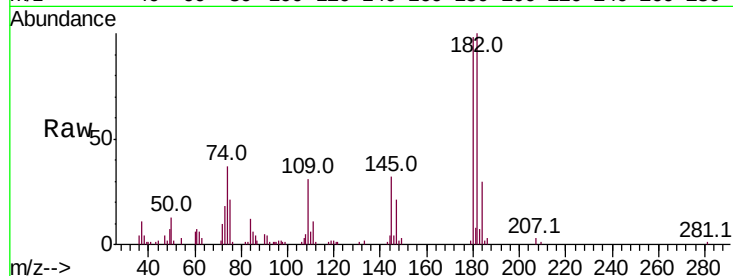




#93
 1,2,4-Trichlorobenzene
 Concen: 16.988 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

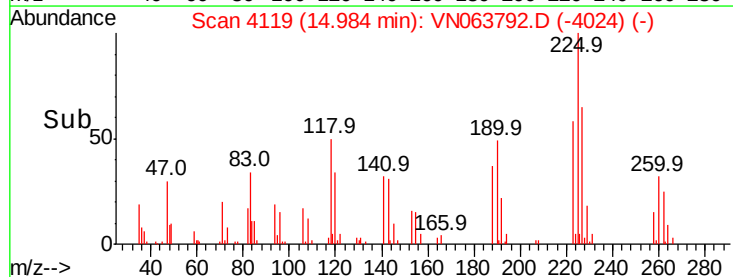
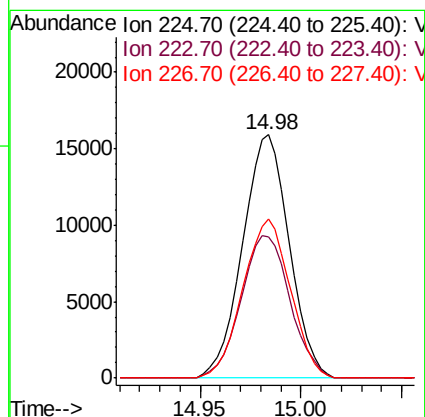
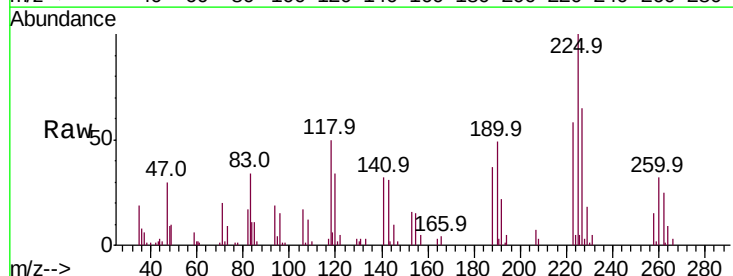
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS02

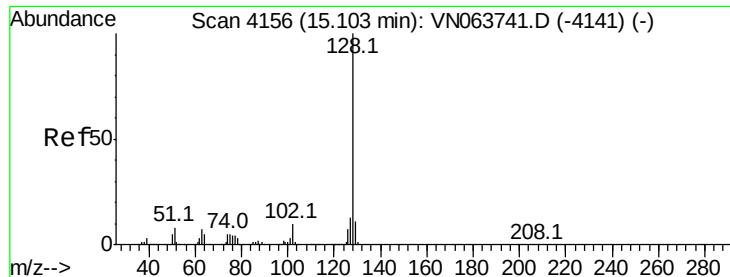
Tot Ion:180 Resp: 47832
 Ion Ratio Lower Upper
 180 100
 182 100.3 48.2 144.6
 145 32.6 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 17.110 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063792.D
 Acq: 2 Oct 2020 00:32

Tgt Ion:225 Resp: 25761
 Ion Ratio Lower Upper
 225 100
 223 61.5 30.3 91.0
 227 66.4 31.9 95.5





#95

Naphthalene

Concen: 18.065 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS02

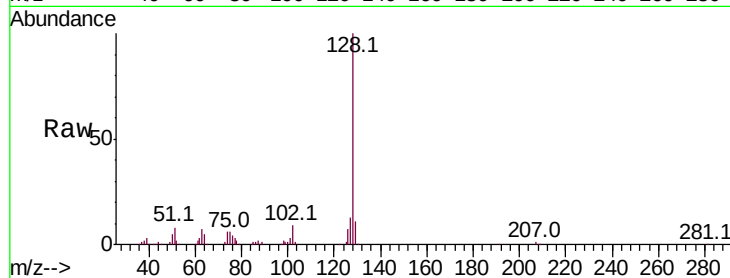
Tot Ion:128 Resp: 157239

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

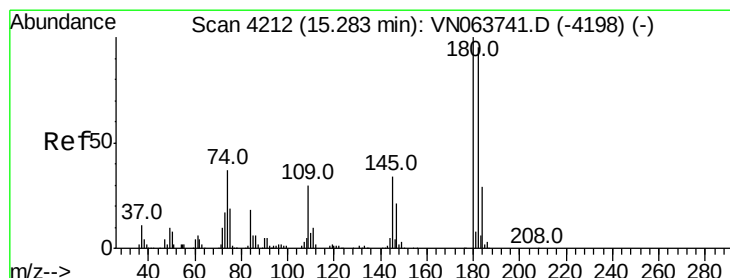
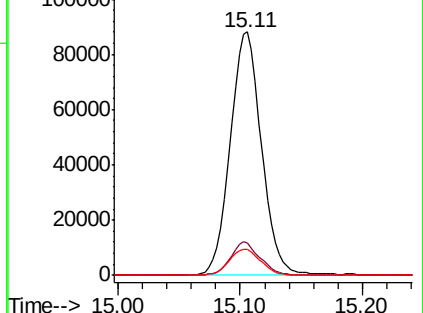
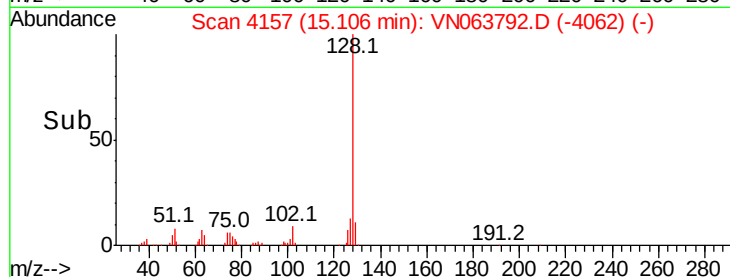
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.310 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063792.D

Acq: 2 Oct 2020 00:32

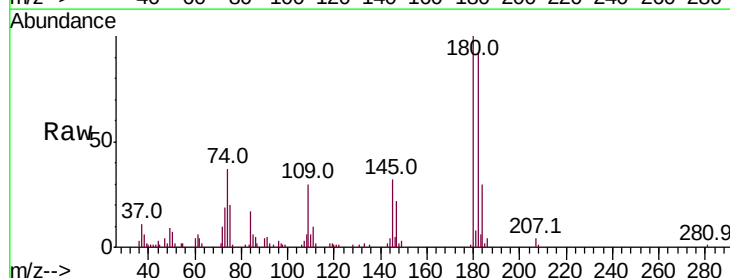
Tgt Ion:180 Resp: 47715

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 35.1 17.2 51.5



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

