

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063334.D
 Acq On : 14 Sep 2020 11:38
 Operator : JC/MD
 Sample : VN0914WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Quant Time: Sep 15 05:07:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	474039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	826199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	742507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	339243	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	365224	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	7.55	113	278094	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	1057604	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.38	95	382772	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	81299	17.857	ug/l	98
3) Chloromethane	2.04	50	119661	18.538	ug/l	96
4) Vinyl Chloride	2.16	62	120712	18.741	ug/l	100
5) Bromomethane	2.54	94	82067	18.262	ug/l	98
6) Chloroethane	2.68	64	76647	18.191	ug/l	99
7) Trichlorofluoromethane	2.98	101	187889	18.863	ug/l	99
8) Diethyl Ether	3.37	74	63121	17.772	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	96940	18.628	ug/l	98
10) Methyl Iodide	3.91	142	120873	17.918	ug/l	100
11) Tert butyl alcohol	4.73	59	92795	94.237	ug/l	100
12) 1,1-Dichloroethene	3.70	96	93158	17.933	ug/l	98
13) Acrolein	3.57	56	41709	100.070	ug/l	97
14) Allyl chloride	4.28	41	183491	17.207	ug/l	97
15) Acrylonitrile	4.93	53	246226	91.455	ug/l	99
16) Acetone	3.77	43	227151	88.325	ug/l	100
17) Carbon Disulfide	4.01	76	271040	17.982	ug/l	100
18) Methyl Acetate	4.28	43	117924	18.241	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338495	18.236	ug/l	100
20) Methylene Chloride	4.51	84	114205	18.708	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	103932	17.878	ug/l	99
22) Diisopropyl ether	5.90	45	381707	18.189	ug/l	97
23) Vinyl Acetate	5.84	43	1565035	94.744	ug/l	100
24) 1,1-Dichloroethane	5.80	63	207883	18.292	ug/l	99
25) 2-Butanone	6.78	43	346494	91.208	ug/l	99
26) 2,2-Dichloropropane	6.77	77	181303	18.201	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119969	17.708	ug/l	98
28) Bromochloromethane	7.15	49	104004	18.873	ug/l	97
29) Tetrahydrofuran	7.16	42	227276	91.879	ug/l	98
30) Chloroform	7.33	83	208250	18.301	ug/l	100
31) Cyclohexane	7.61	56	193643	18.538	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	182593	18.408	ug/l	100
36) 1,1-Dichloropropene	7.75	75	152186	17.920	ug/l	100
37) Ethyl Acetate	6.88	43	147398	17.642	ug/l #	81
38) Carbon Tetrachloride	7.73	117	158164	18.923	ug/l	99

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 VN0914WBS01

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169859	18.334	ug/l	98
40) Benzene	8.00	78	460060	18.967	ug/l	99
41) Methacrylonitrile	7.12	41	61841	16.364	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	173161	18.816	ug/l	99
43) Isopropyl Acetate	8.12	43	261151	18.457	ug/l #	91
44) Trichloroethene	8.80	130	116253	18.327	ug/l	99
45) 1,2-Dichloropropane	9.08	63	126429	19.003	ug/l	98
46) Dibromomethane	9.17	93	80794	18.727	ug/l	99
47) Bromodichloromethane	9.37	83	166499	18.518	ug/l	98
48) Methyl methacrylate	9.16	41	121356	17.976	ug/l	99
49) 1,4-Dioxane	9.16	88	36398	348.212	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	756840	97.062	ug/l	100
52) Toluene	10.12	92	279627	18.882	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183826	18.749	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	198116	18.767	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	109830	18.926	ug/l	99
56) Ethyl methacrylate	10.40	69	162866	18.456	ug/l	100
57) 1,3-Dichloropropane	10.68	76	194033	19.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	391896	82.792	ug/l	100
59) 2-Hexanone	10.72	43	544380	94.663	ug/l	99
60) Dibromochloromethane	10.87	129	120947	18.980	ug/l	100
61) 1,2-Dibromoethane	10.98	107	110097	18.199	ug/l	99
64) Tetrachloroethene	10.60	164	115220	18.943	ug/l	99
65) Chlorobenzene	11.41	112	296758	18.565	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	108636	18.653	ug/l	98
67) Ethyl Benzene	11.48	91	544776	18.984	ug/l	99
68) m/p-Xylenes	11.60	106	395107	37.221	ug/l	99
69) o-Xylene	11.92	106	191483	18.797	ug/l	100
70) Styrene	11.94	104	318716	18.824	ug/l	99
71) Bromoform	12.10	173	74644	18.530	ug/l #	100
73) Isopropylbenzene	12.22	105	516291	18.868	ug/l	99
74) N-amyl acetate	12.05	43	212585	18.923	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	147836	18.865	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	205460	27.452	ug/l #	100
77) Bromobenzene	12.50	156	116394	18.505	ug/l	99
78) n-propylbenzene	12.57	91	598710	19.260	ug/l	99
79) 2-Chlorotoluene	12.65	91	353653	18.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	432438	19.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50623	18.174	ug/l	96
82) 4-Chlorotoluene	12.75	91	364093	18.172	ug/l	100
83) tert-Butylbenzene	12.97	119	351744	18.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	430701	18.806	ug/l	98
85) sec-Butylbenzene	13.15	105	469302	19.143	ug/l	100
86) p-Isopropyltoluene	13.26	119	420378	18.704	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	210898	18.341	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211761	18.619	ug/l	98
89) n-Butylbenzene	13.59	91	371309	18.301	ug/l	100
90) Hexachloroethane	13.85	117	70322	19.022	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	211209	18.584	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31171	17.492	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

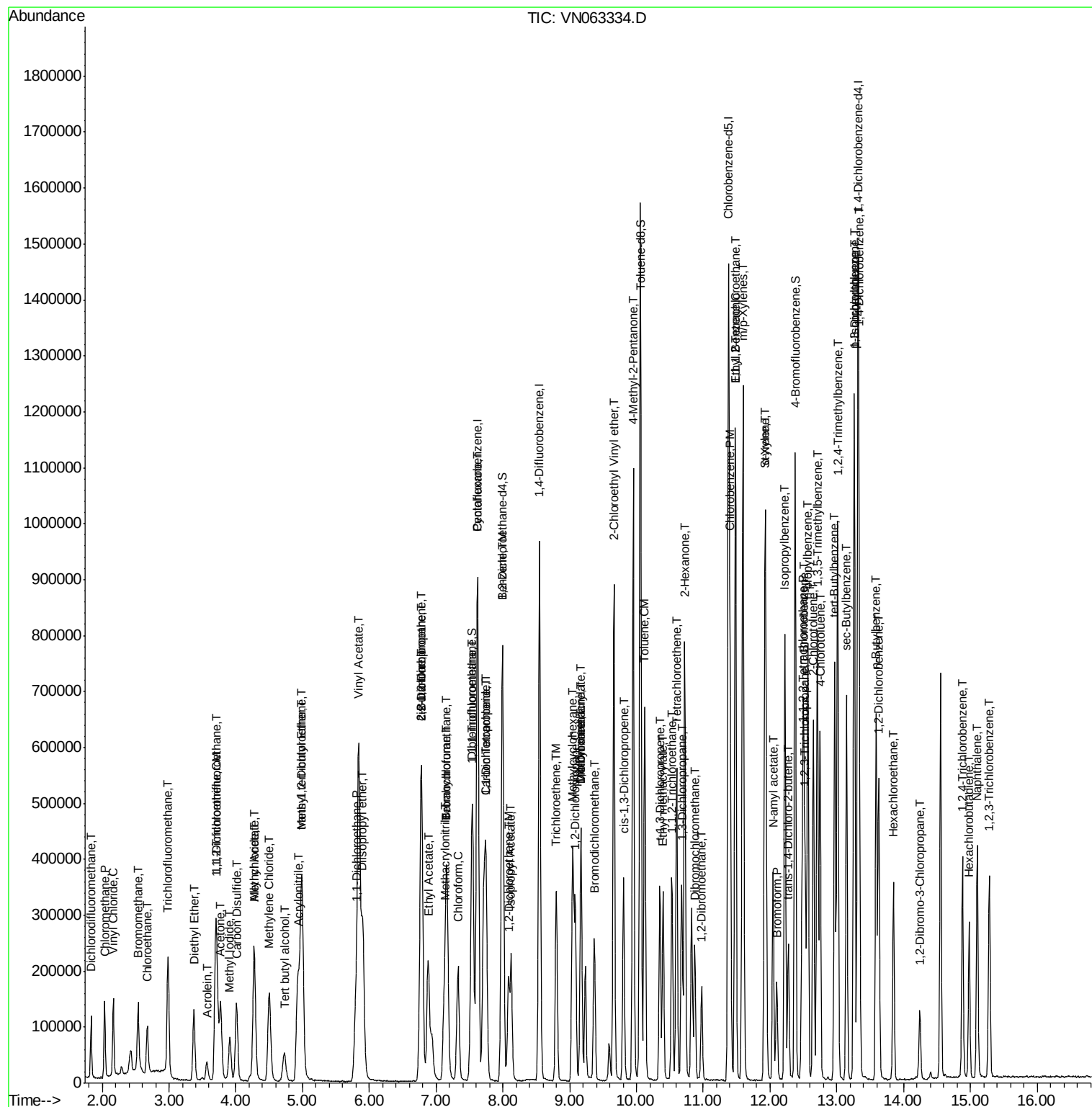
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111900	16.821	ug/l	99
94) Hexachlorobutadiene	14.98	225	44442	17.714	ug/l	97
95) Naphthalene	15.10	128	338753	16.587	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	108742	17.670	ug/l	99

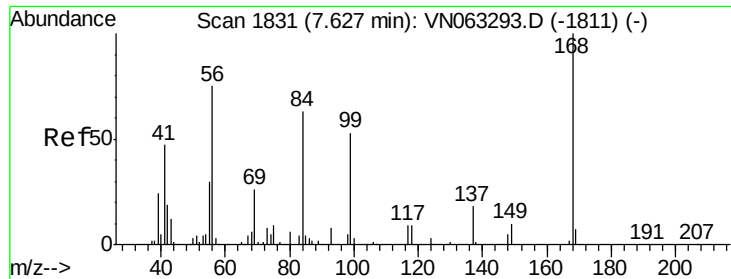
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091420\
Data File : VN063334.D
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Sample : VN0914WBS01
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

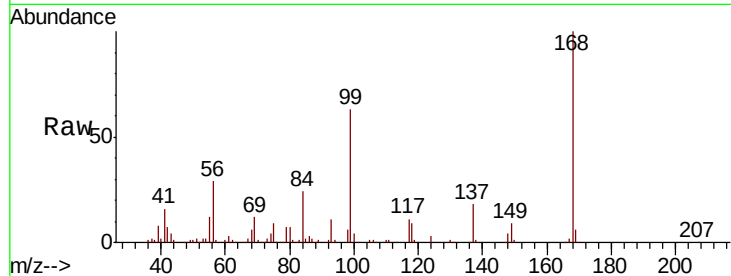
VN0914WBS01

Tot Ion:168 Resp: 474039

Ion Ratio Lower Upper

168 100

99 63.1 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

200000

150000

100000

50000

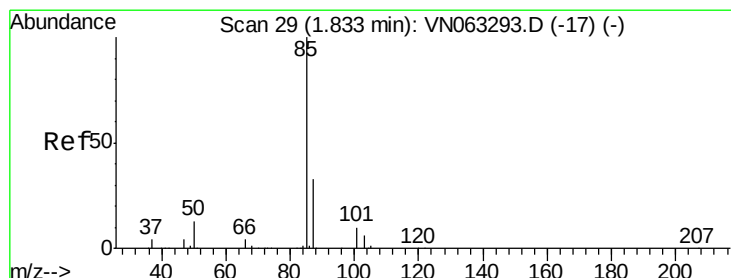
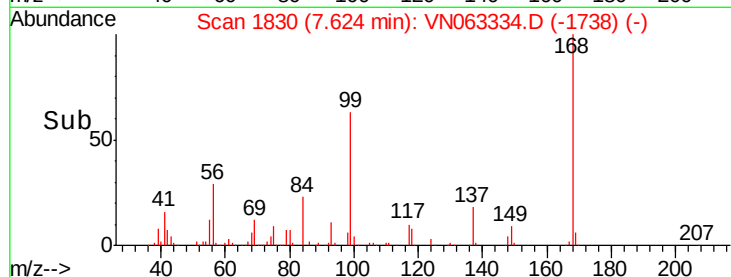
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.857 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063334.D

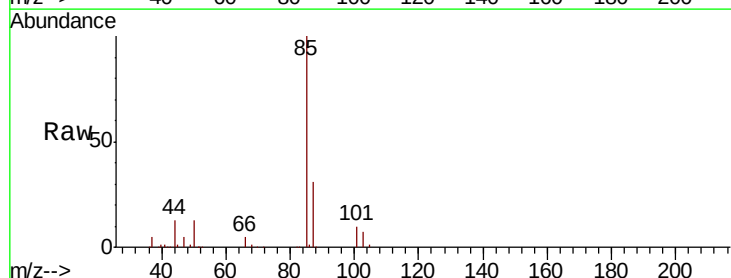
Acq: 14 Sep 2020 11:38

Tgt Ion: 85 Resp: 81299

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

40000

20000

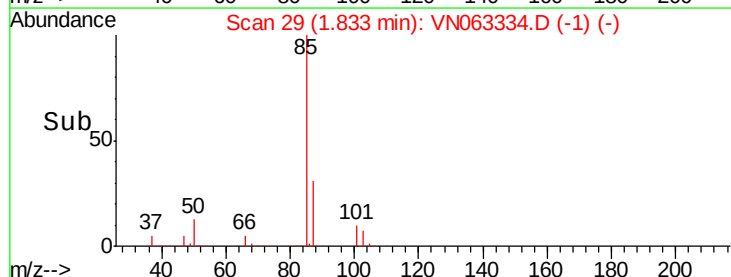
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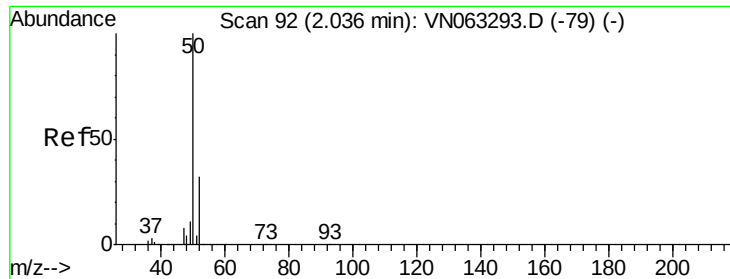
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 18.538 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

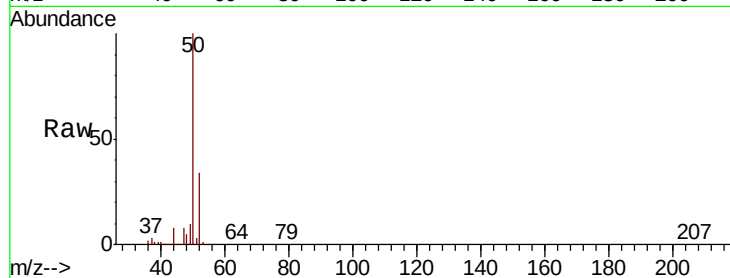
VN0914WBS01

Tot Ion: 50 Resp: 119661

Ion Ratio Lower Upper

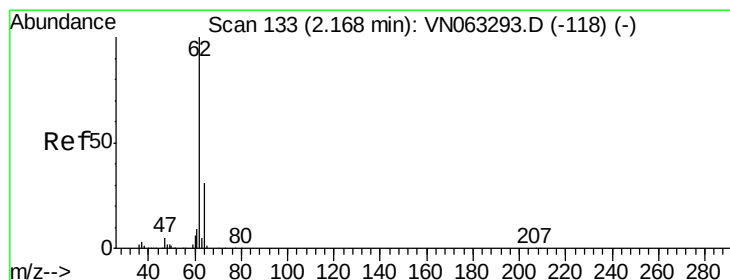
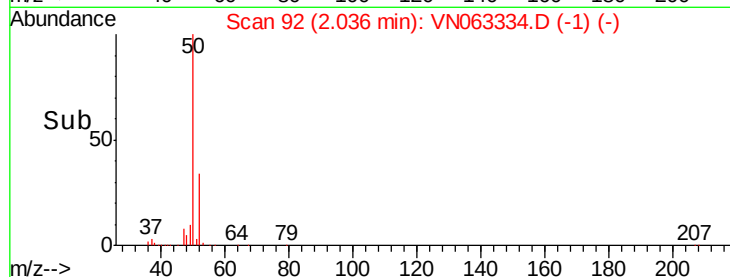
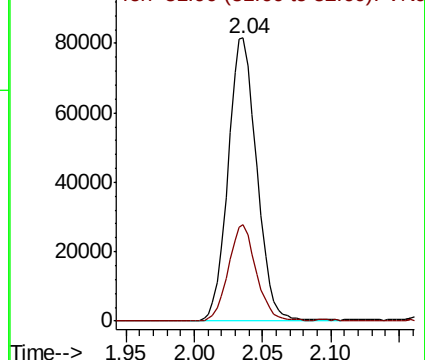
50 100

52 34.2 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.741 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063334.D

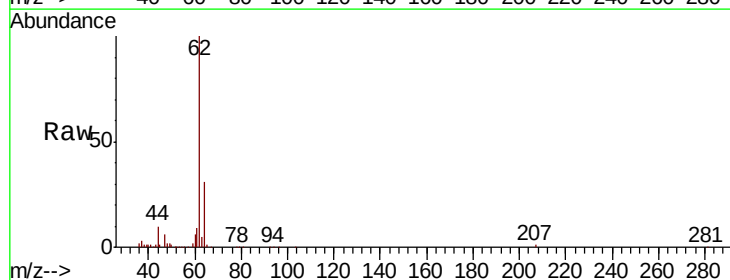
Acq: 14 Sep 2020 11:38

Tgt Ion: 62 Resp: 120712

Ion Ratio Lower Upper

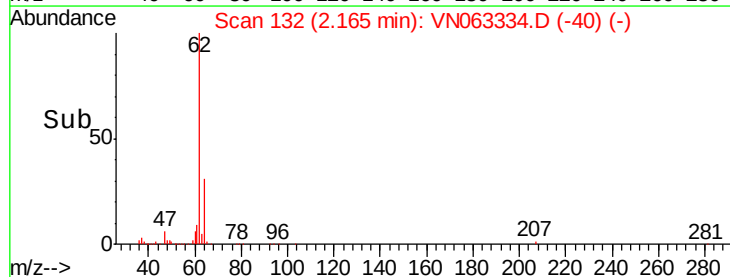
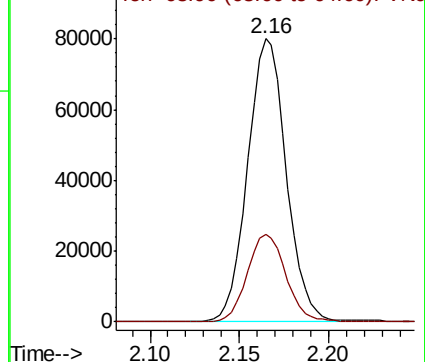
62 100

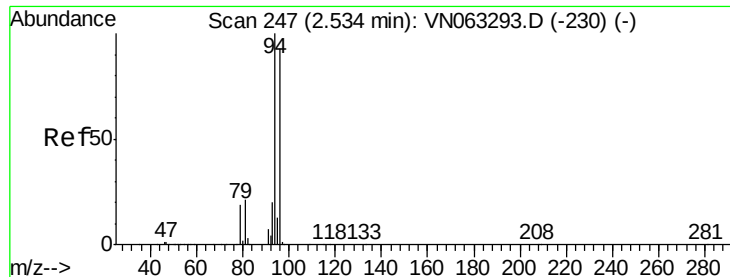
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.262 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

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ClientSampleId :

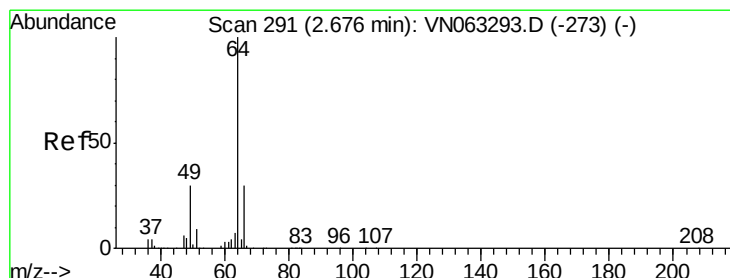
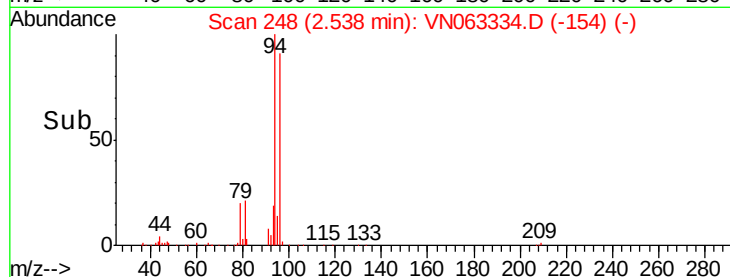
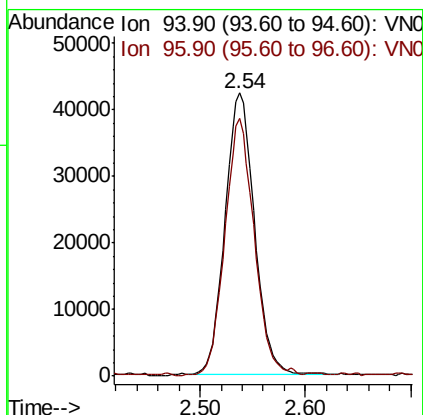
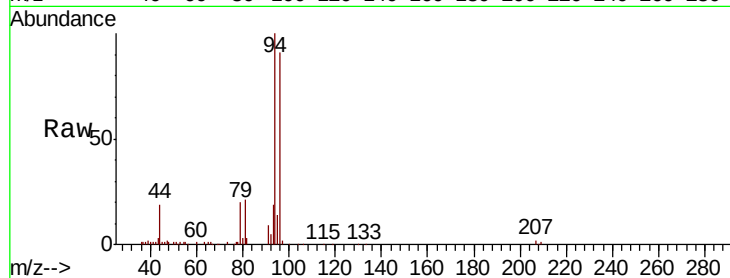
VN0914WBS01

Tot Ion: 94 Resp: 82067

Ion Ratio Lower Upper

94 100

96 90.9 74.3 111.5



#6

Chloroethane

Concen: 18.191 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063334.D

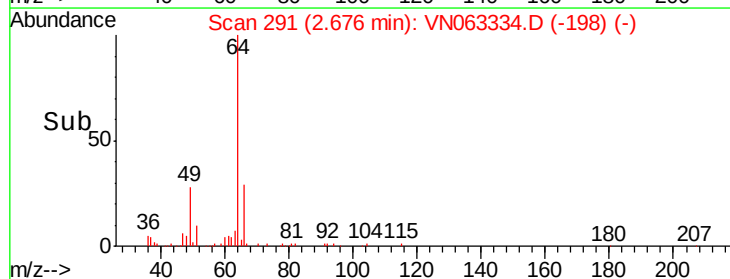
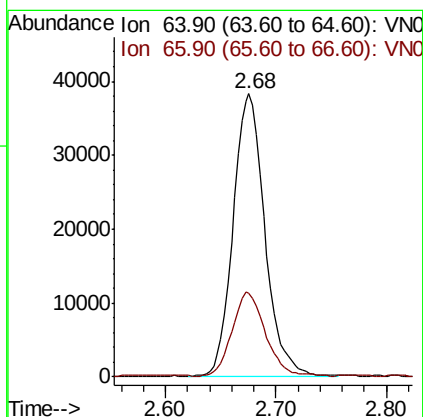
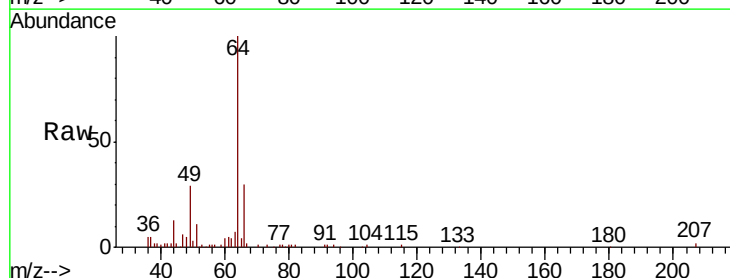
Acq: 14 Sep 2020 11:38

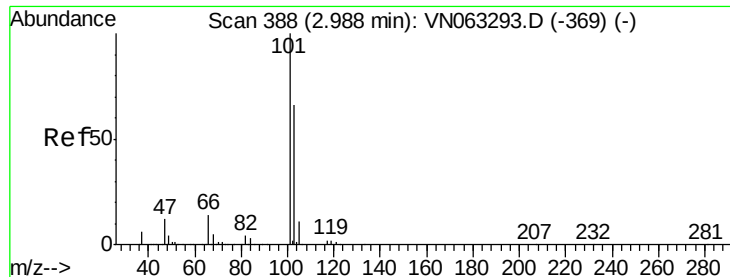
Tgt Ion: 64 Resp: 76647

Ion Ratio Lower Upper

64 100

66 29.3 23.8 35.6



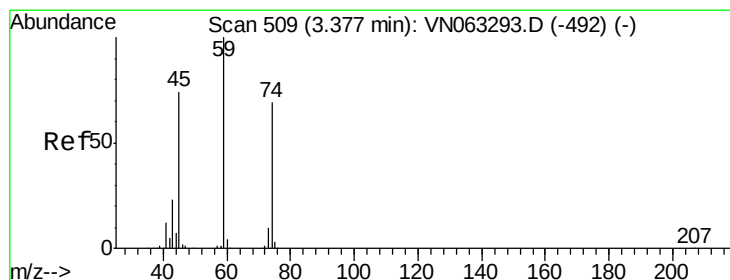
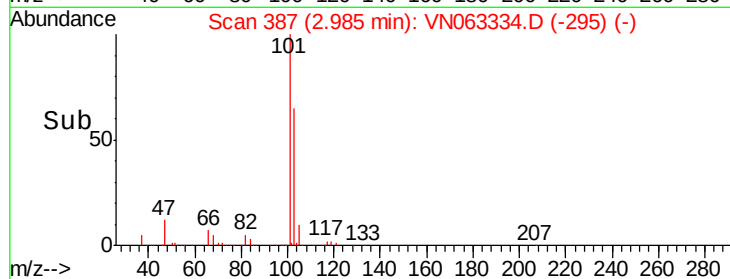
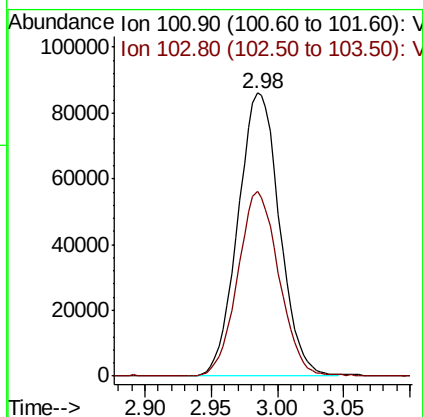
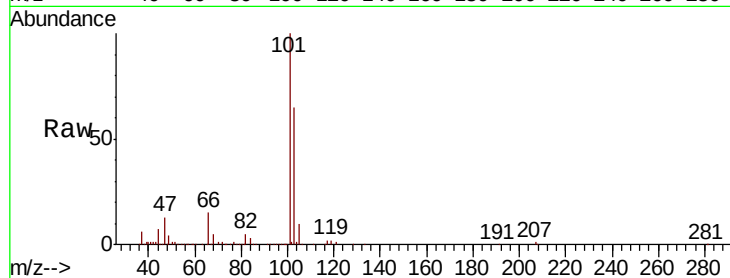


#7

Trichlorofluoromethane
 Concen: 18.863 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
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 VN0914WBS01

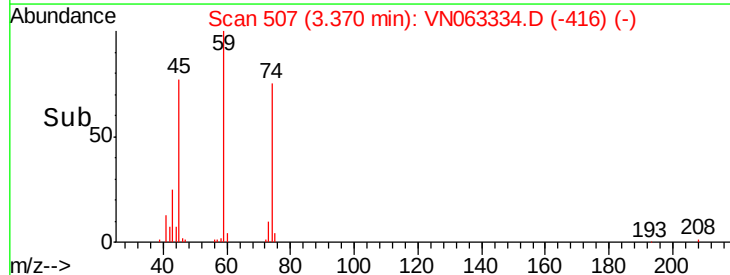
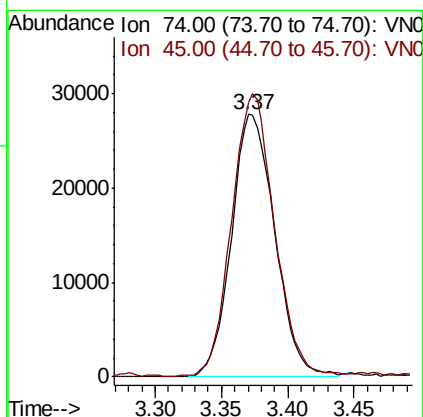
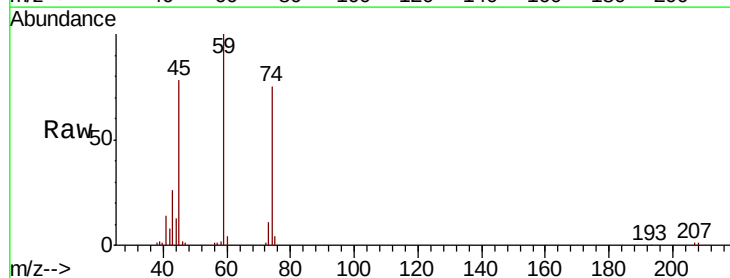
Tot Ion:101 Resp: 187889
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.4 78.6

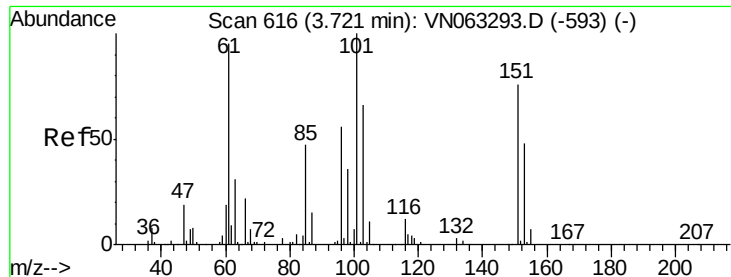


#8

Diethyl Ether
 Concen: 17.772 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 74 Resp: 63121
 Ion Ratio Lower Upper
 74 100
 45 107.6 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.628 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

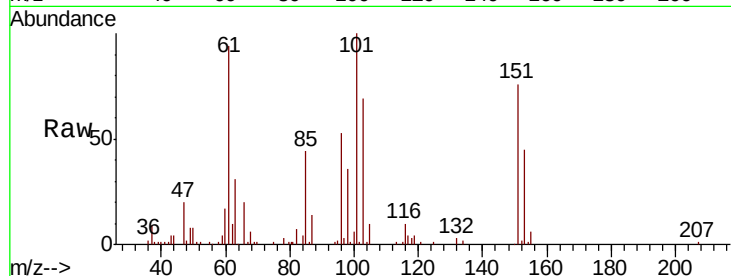
Tot Ion:101 Resp: 96940

Ion Ratio Lower Upper

101 100

85 47.2 36.9 55.3

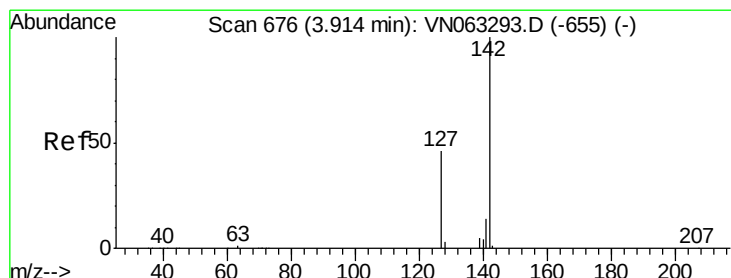
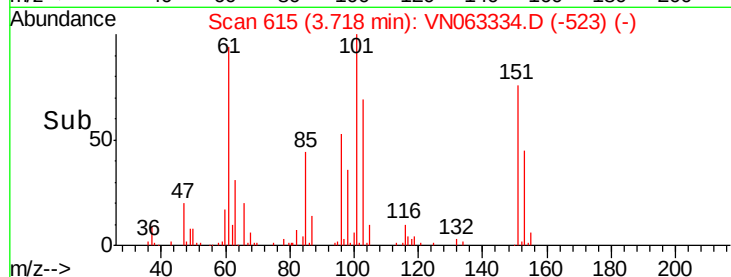
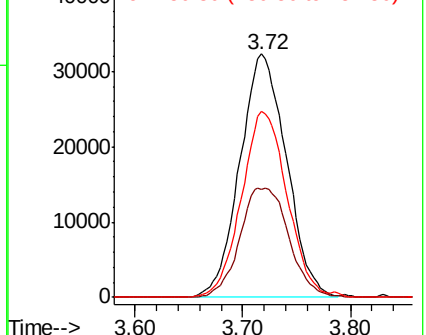
151 74.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.918 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

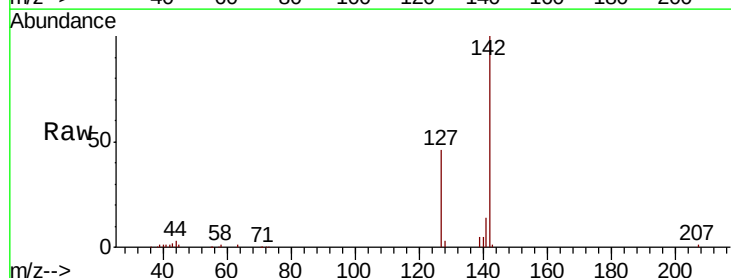
Tgt Ion:142 Resp: 120873

Ion Ratio Lower Upper

142 100

127 46.2 37.1 55.7

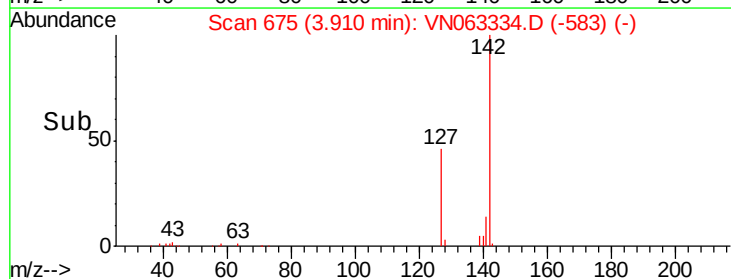
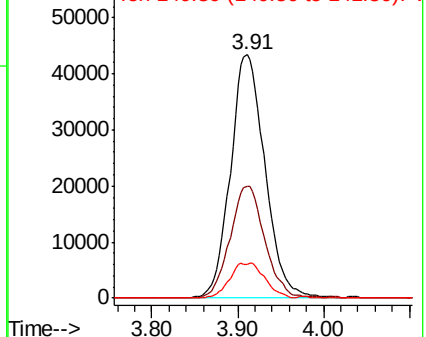
141 14.7 11.6 17.4

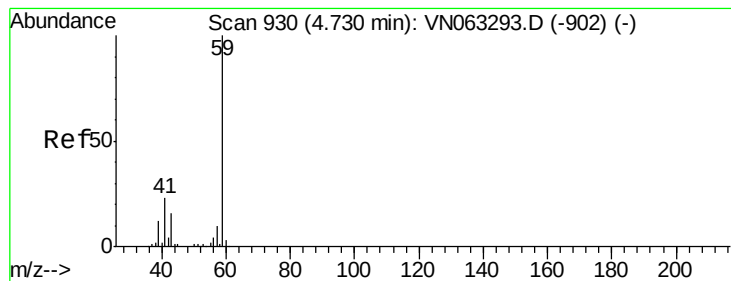


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



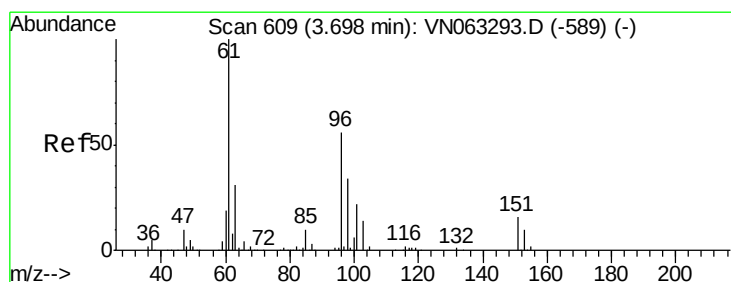
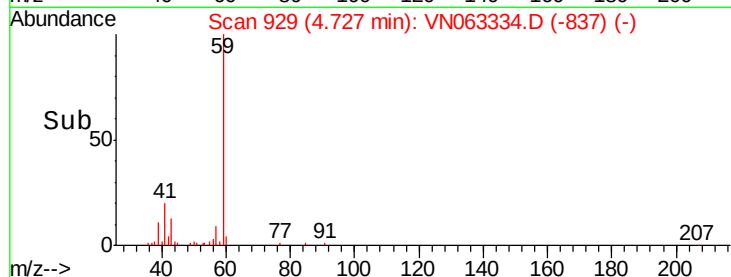
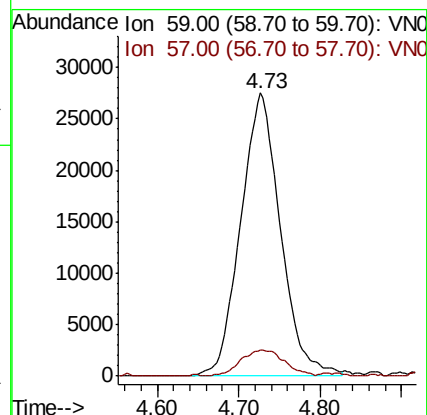
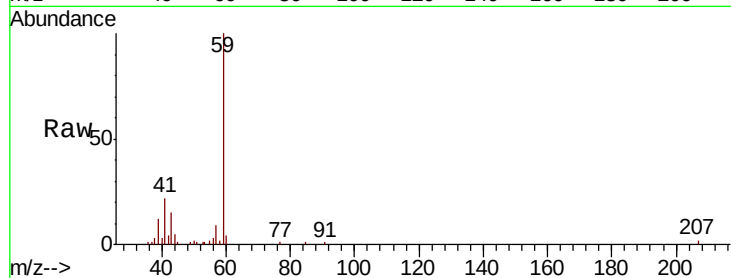


#11

Tert butyl alcohol
 Concen: 94.237 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

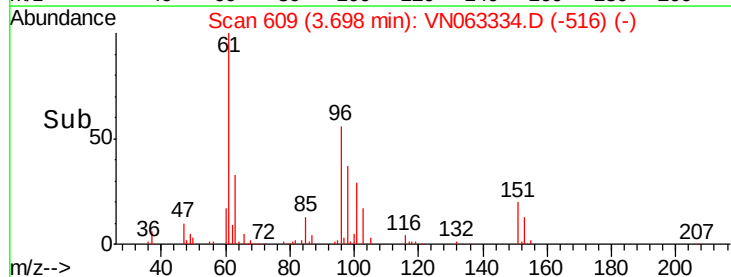
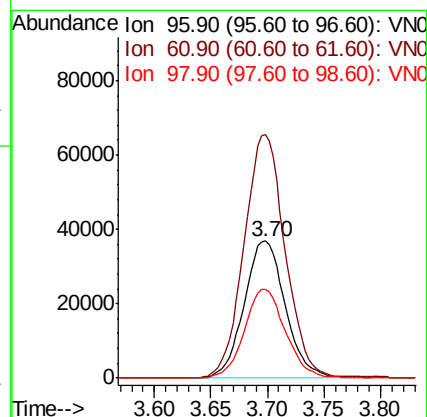
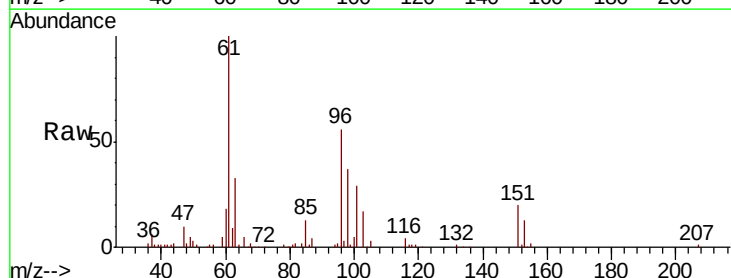
Tot Ion: 59 Resp: 92795
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

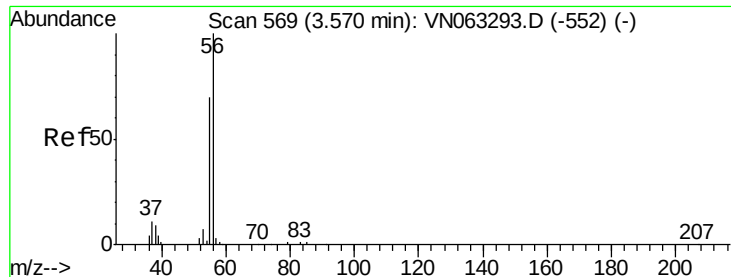


#12

1,1-Dichloroethene
 Concen: 17.933 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 96 Resp: 93158
 Ion Ratio Lower Upper
 96 100
 61 178.1 142.1 213.1
 98 65.3 48.8 73.2





#13

Acrolein

Concen: 100.070 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

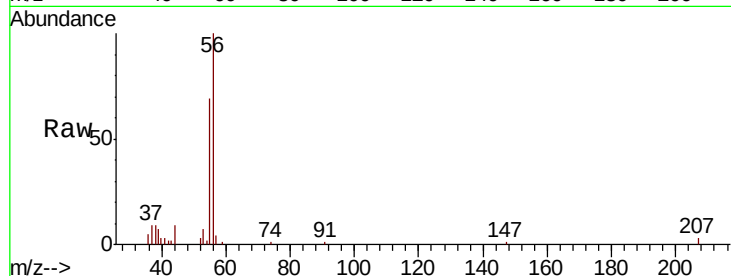
VN0914WBS01

Tot Ion: 56 Resp: 41709

Ion Ratio Lower Upper

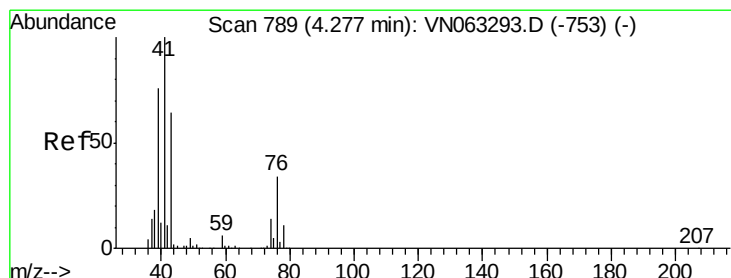
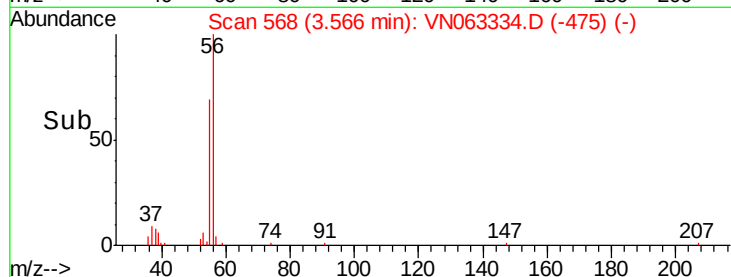
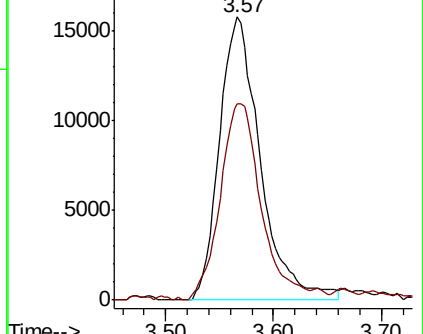
56 100

55 69.2 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.207 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

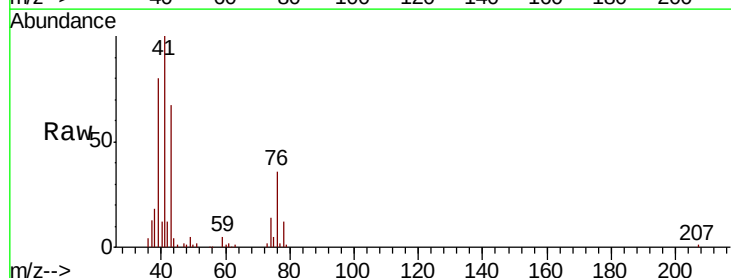
Tgt Ion: 41 Resp: 183491

Ion Ratio Lower Upper

41 100

39 75.5 57.4 86.2

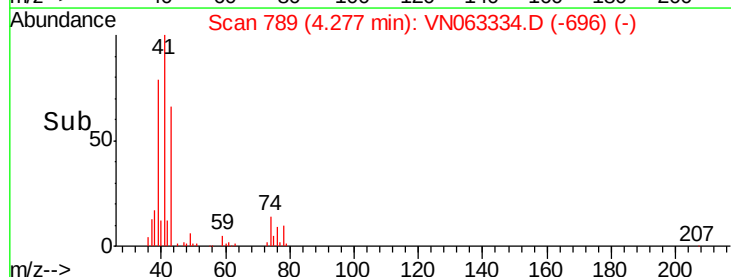
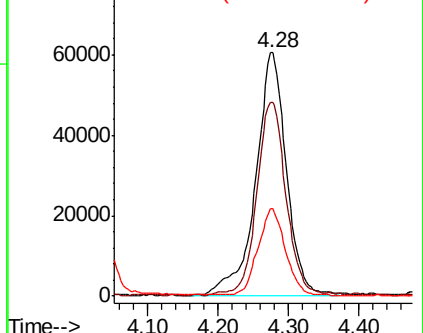
76 31.7 25.7 38.5

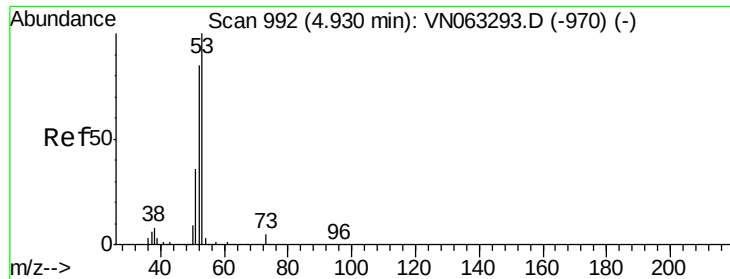


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.455 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

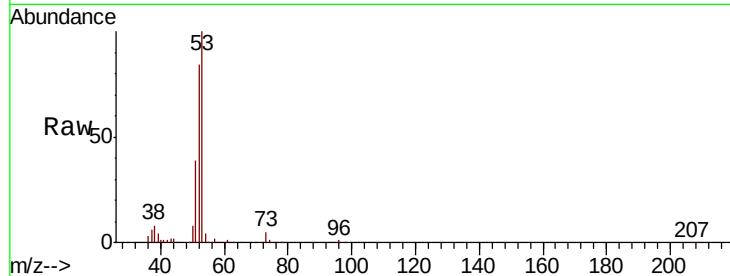
Tot Ion: 53 Resp: 246226

Ion Ratio Lower Upper

53 100

52 81.7 66.5 99.7

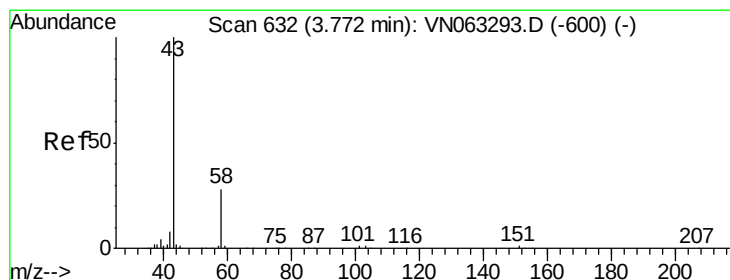
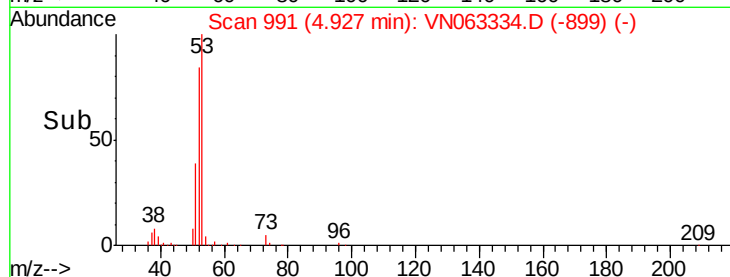
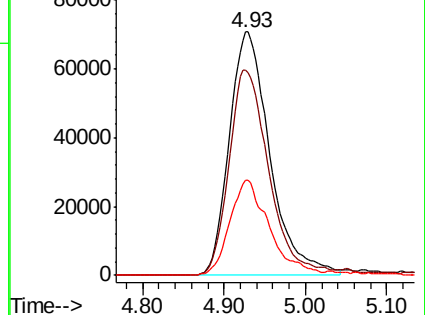
51 38.0 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 88.325 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063334.D

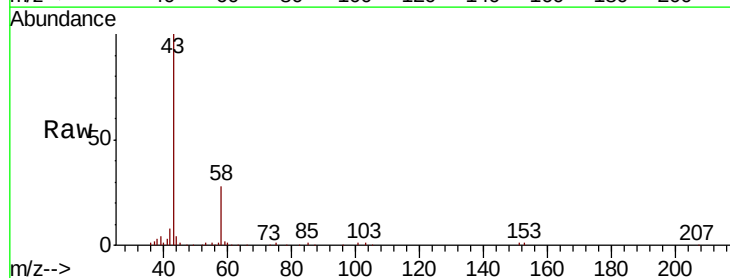
Acq: 14 Sep 2020 11:38

Tgt Ion: 43 Resp: 227151

Ion Ratio Lower Upper

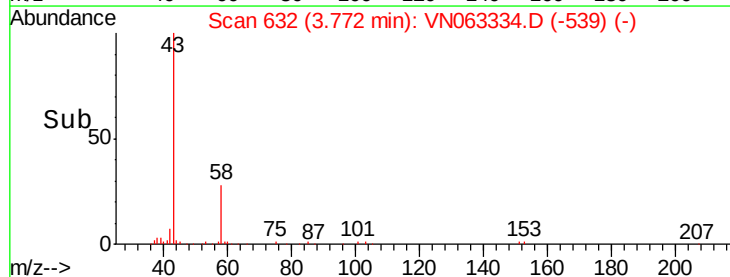
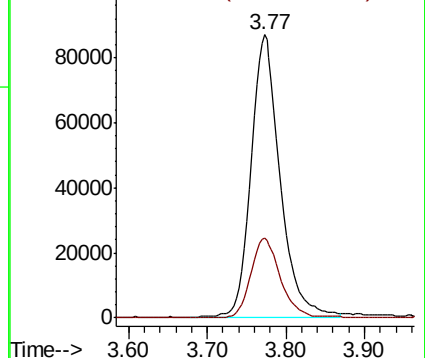
43 100

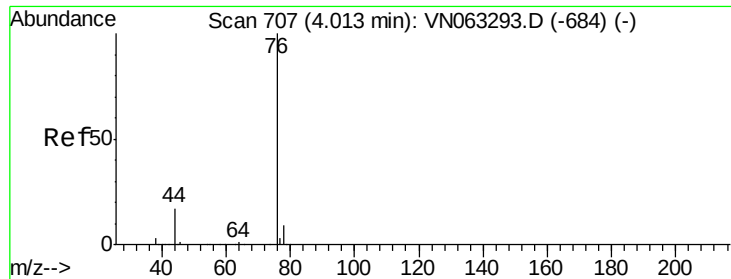
58 28.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.982 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

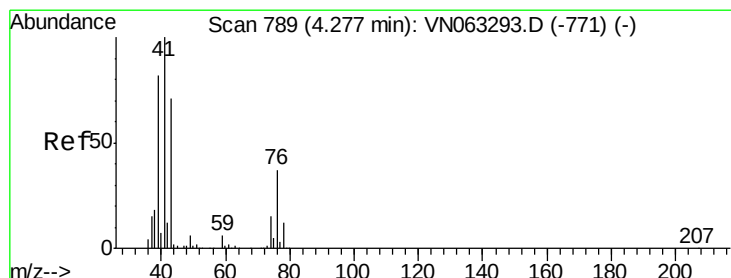
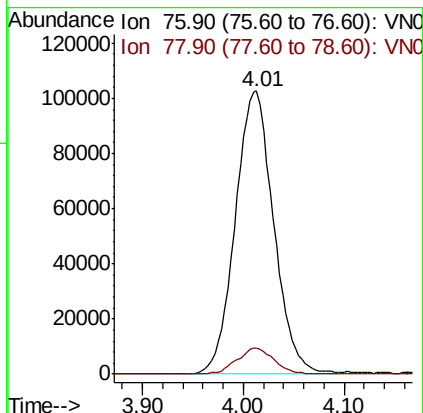
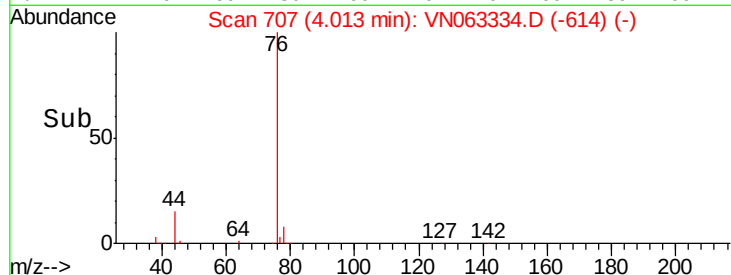
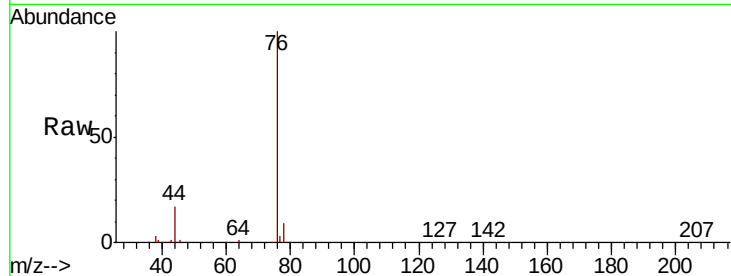
VN0914WBS01

Tot Ion: 76 Resp: 271040

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 18.241 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063334.D

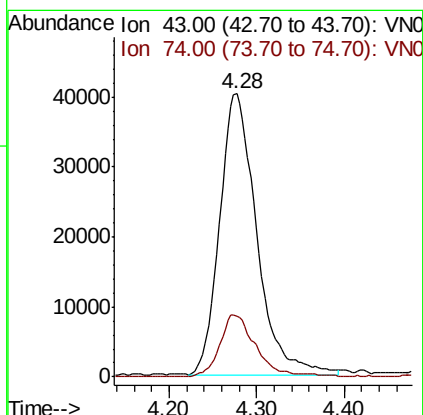
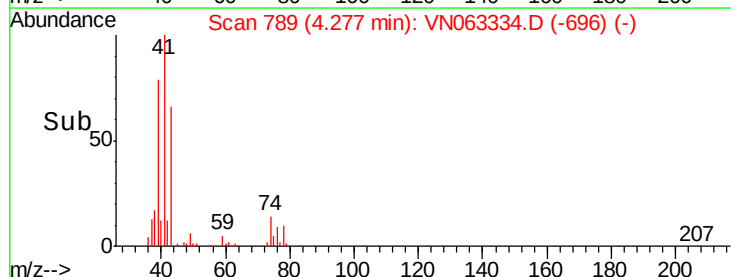
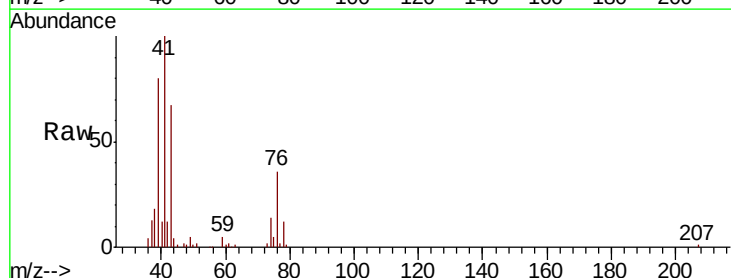
Acq: 14 Sep 2020 11:38

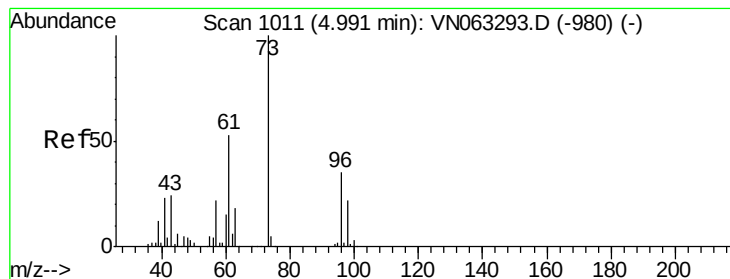
Tgt Ion: 43 Resp: 117924

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.6



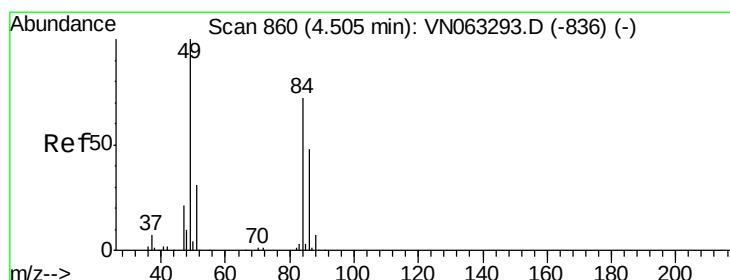
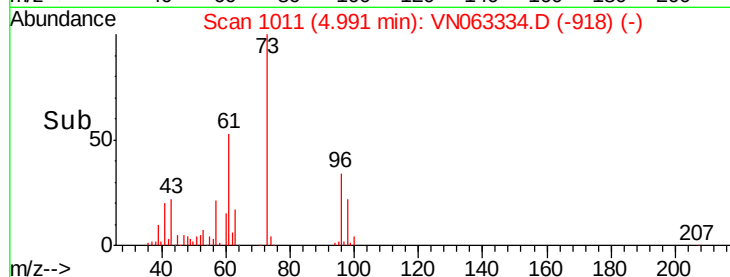
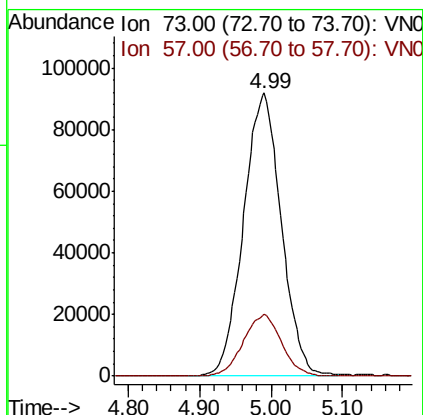
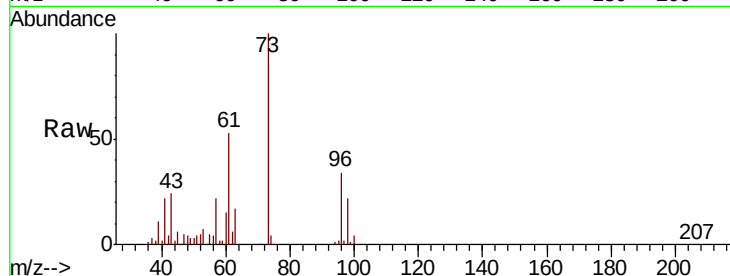


#19

Methvl tert-butvl Ether
 Concen: 18.236 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS01

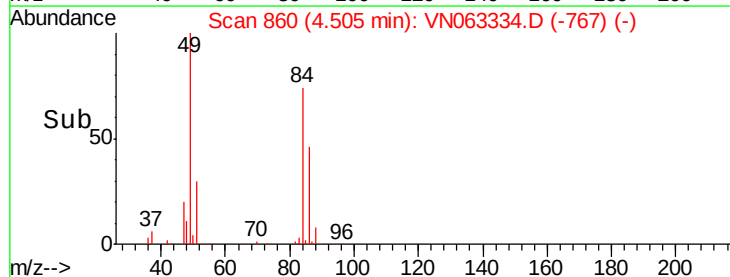
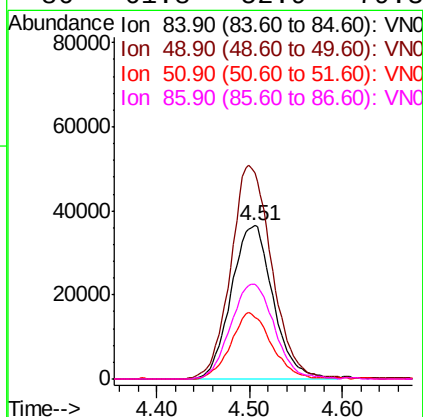
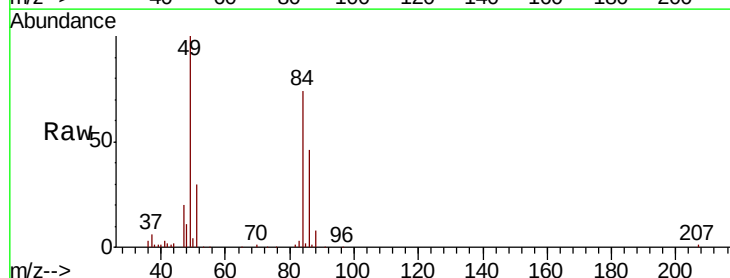
Tot Ion: 73 Resp: 338495
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.5 26.3

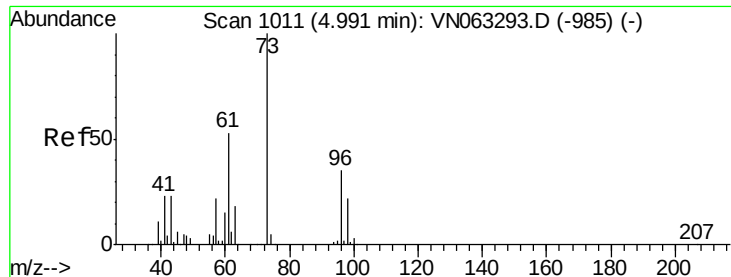


#20

Methylene Chloride
 Concen: 18.708 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 84 Resp: 114205
 Ion Ratio Lower Upper
 84 100
 49 133.9 111.1 166.7
 51 40.3 34.3 51.5
 86 61.8 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 17.878 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

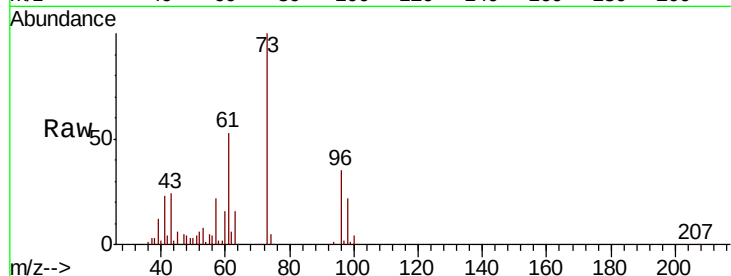
Tot Ion: 96 Resp: 103932

Ion Ratio Lower Upper

96 100

61 152.6 121.8 182.8

98 63.0 51.2 76.8

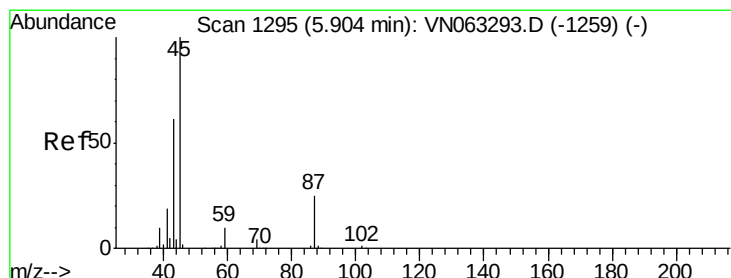
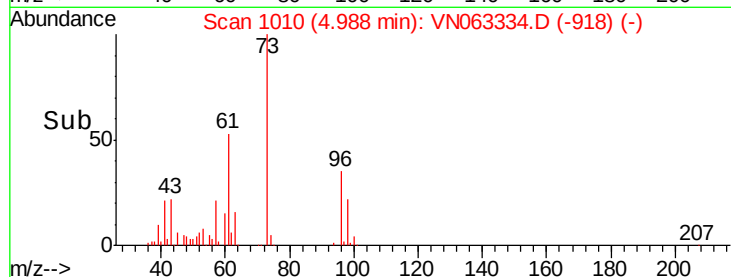
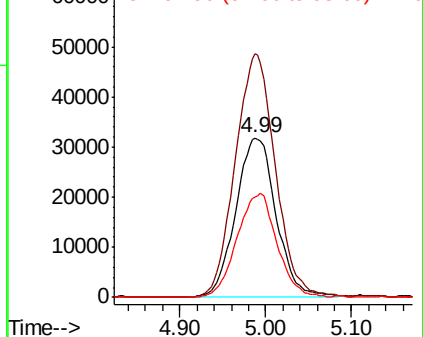


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.189 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion: 45 Resp: 381707

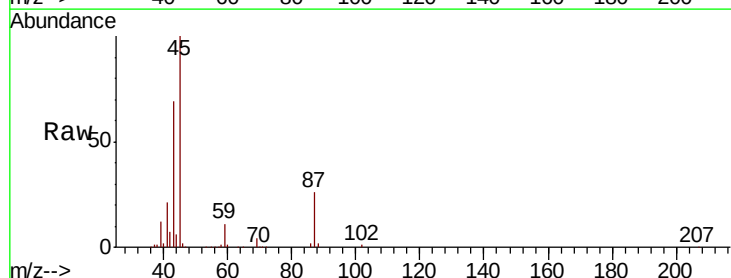
Ion Ratio Lower Upper

45 100

43 66.2 50.3 75.5

87 25.7 20.7 31.1

59 10.5 8.4 12.6



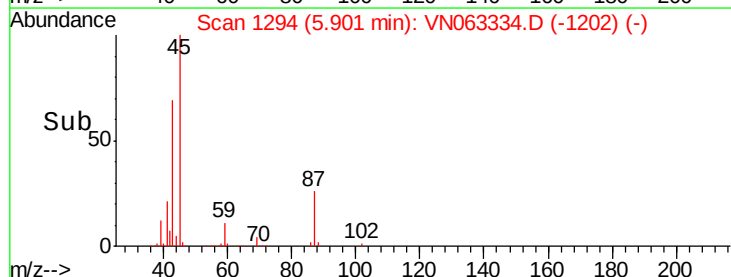
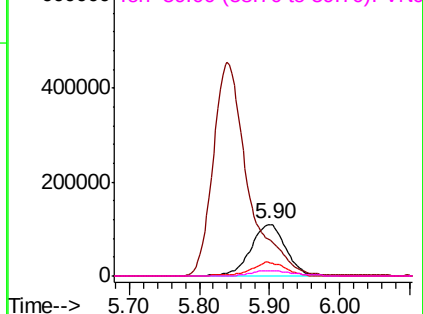
Abundance

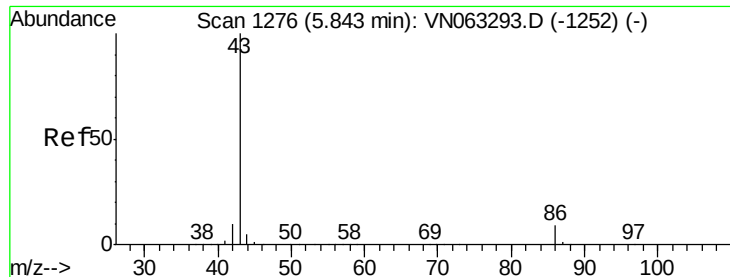
Ion 45.00 (44.70 to 45.70): VN0

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: 94.744 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

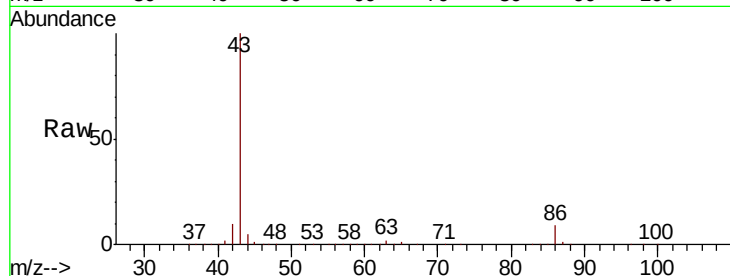
VN0914WBS01

Tot Ion: 43 Resp: 1565035

Ion Ratio Lower Upper

43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

500000

400000

300000

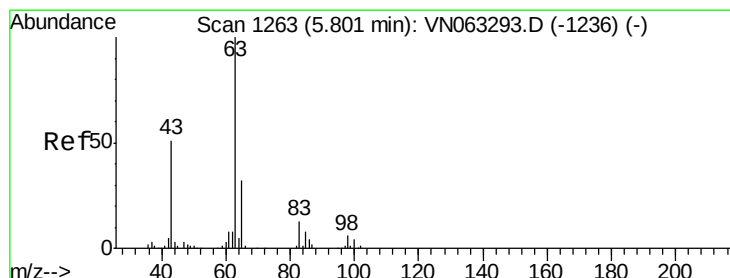
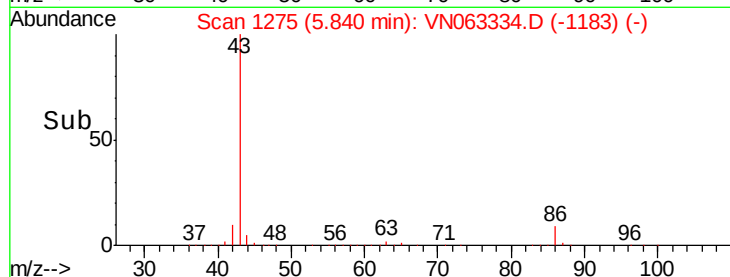
200000

100000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.292 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

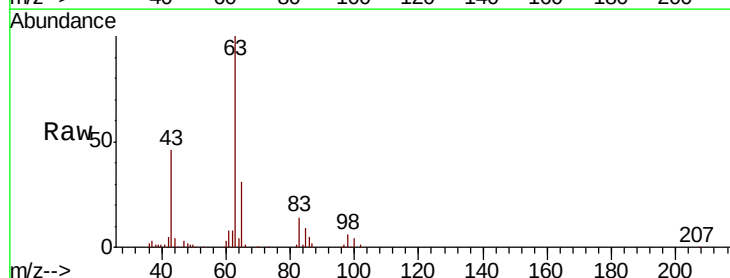
Tgt Ion: 63 Resp: 207883

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

60000

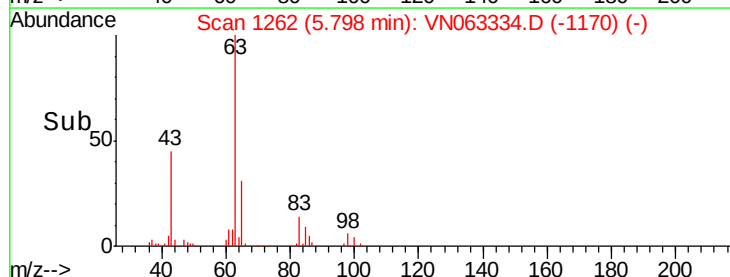
40000

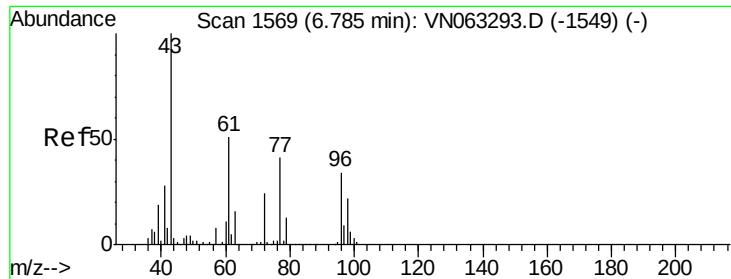
20000

0

5.70 5.80 5.90

Time-->

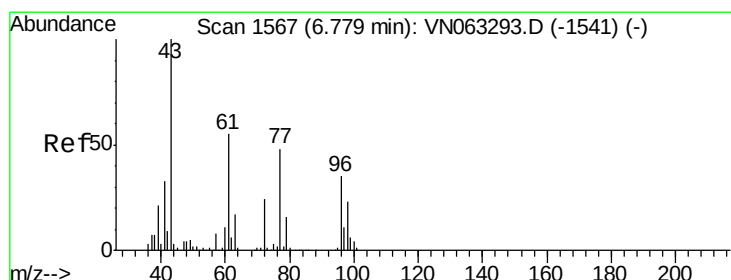
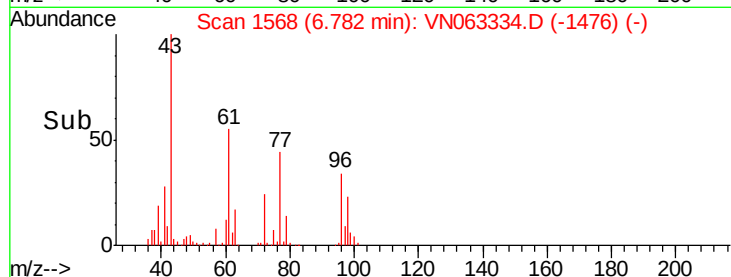
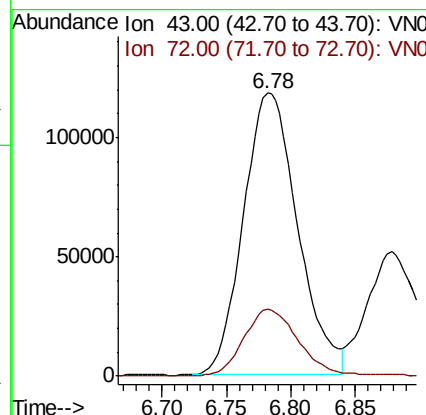
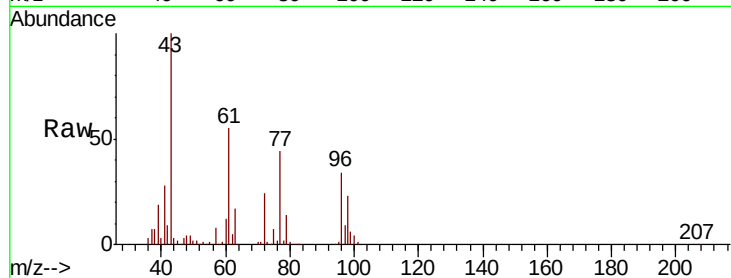




#25
 2-Butanone
 Concen: 91.208 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

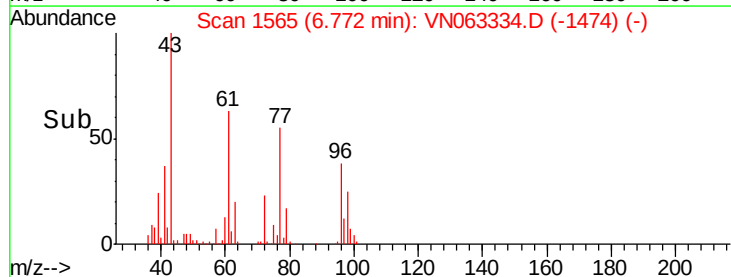
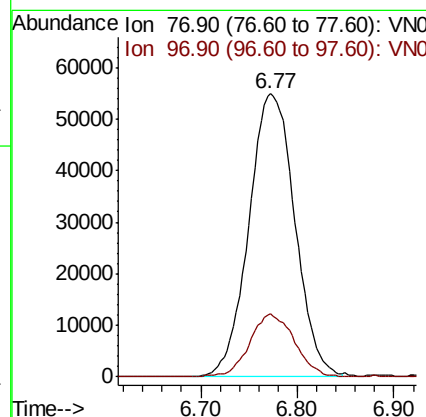
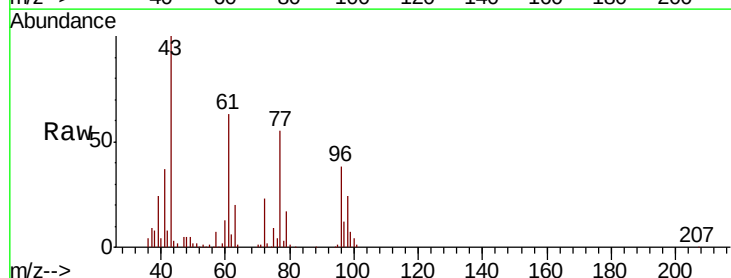
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS01

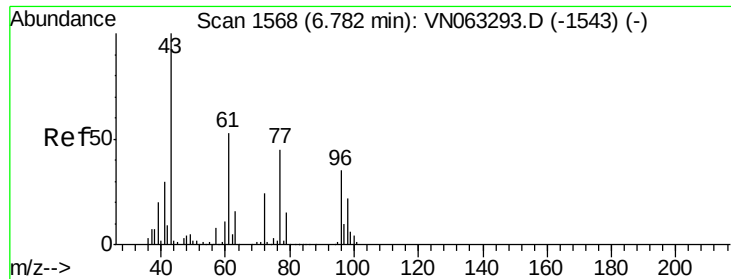
Tot Ion: 43 Resp: 346494
 Ion Ratio Lower Upper
 43 100
 72 23.6 19.4 29.2



#26
 2,2-Dichloropropane
 Concen: 18.201 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 77 Resp: 181303
 Ion Ratio Lower Upper
 77 100
 97 21.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.708 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS01

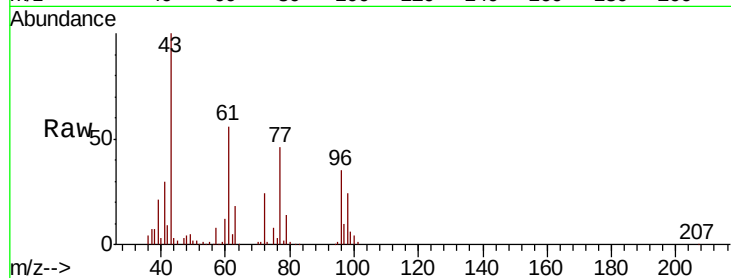
Tot Ion: 96 Resp: 119969

Ion Ratio Lower Upper

96 100

61 164.3 0.0 322.8

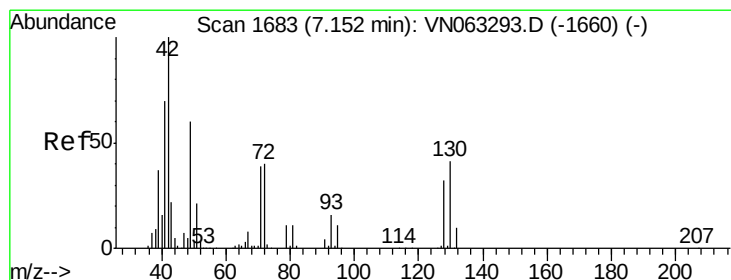
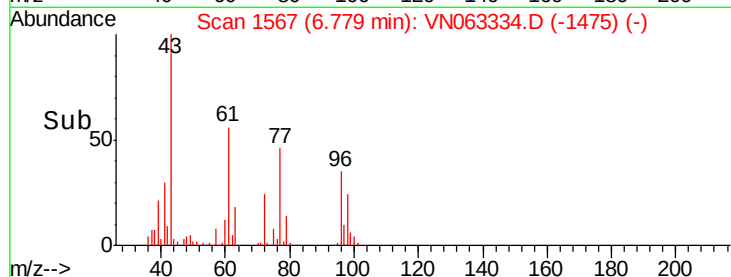
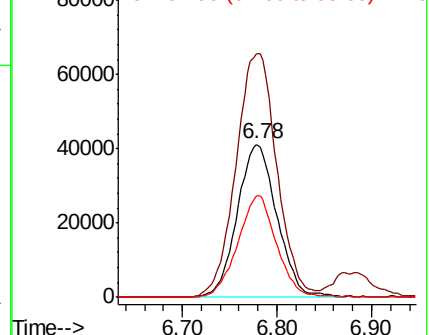
98 65.0 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.873 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

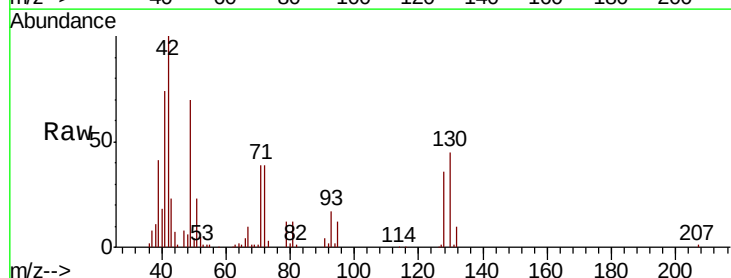
Tgt Ion: 49 Resp: 104004

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.4

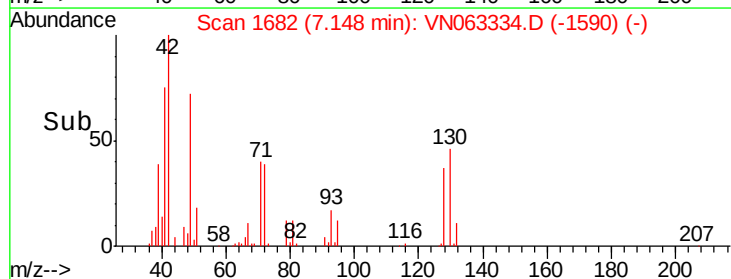
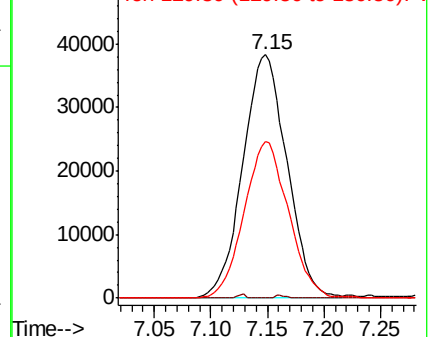
130 64.3 53.1 79.7

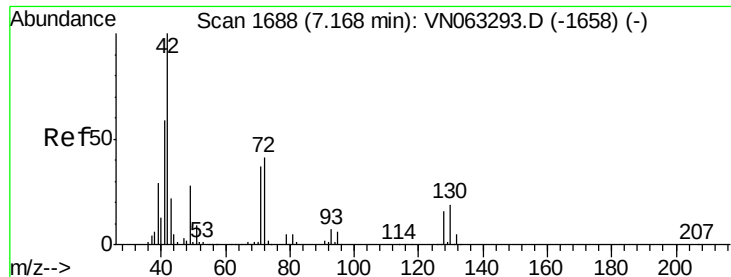


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 91.879 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

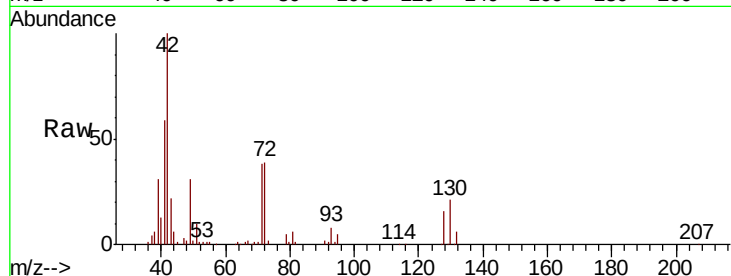
Tot Ion: 42 Resp: 227276

Ion Ratio Lower Upper

42 100

72 40.0 31.4 47.2

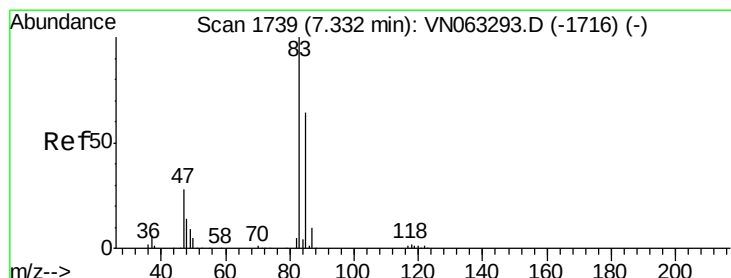
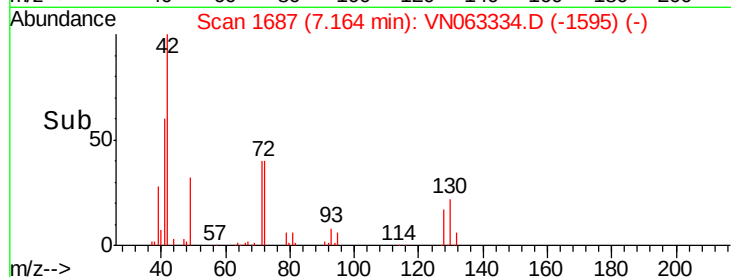
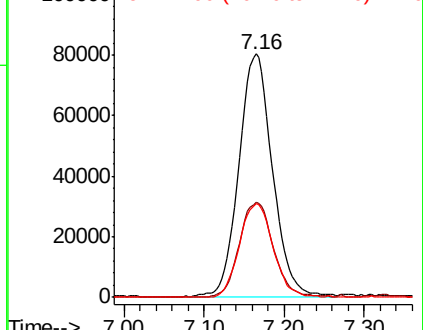
71 38.8 30.0 45.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.301 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063334.D

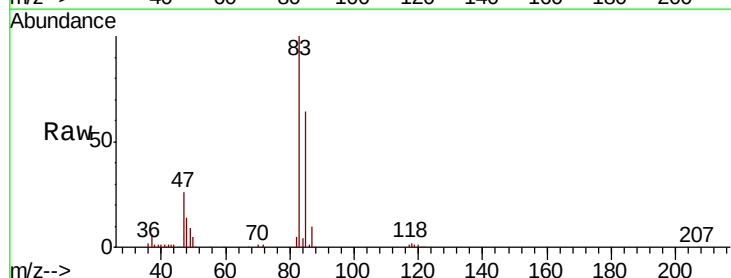
Acq: 14 Sep 2020 11:38

Tgt Ion: 83 Resp: 208250

Ion Ratio Lower Upper

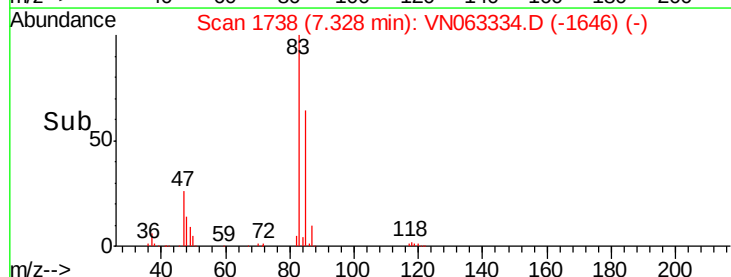
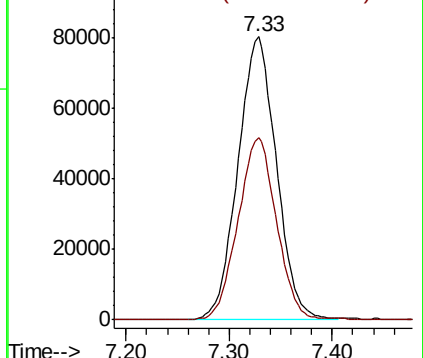
83 100

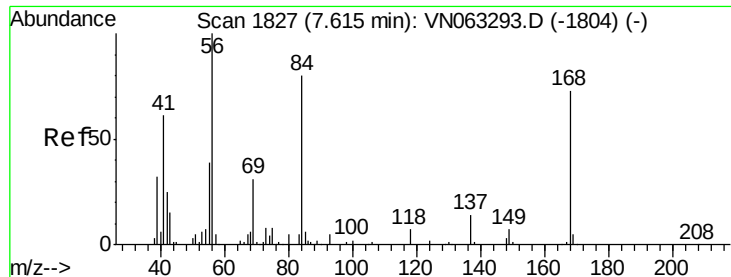
85 64.3 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

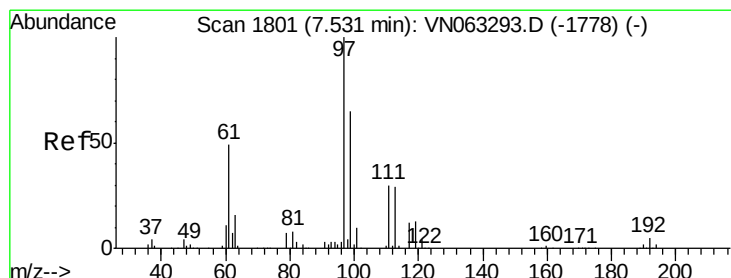
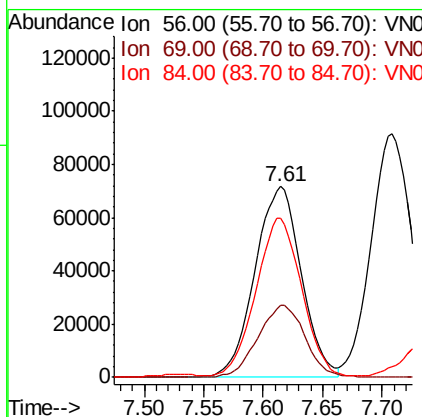
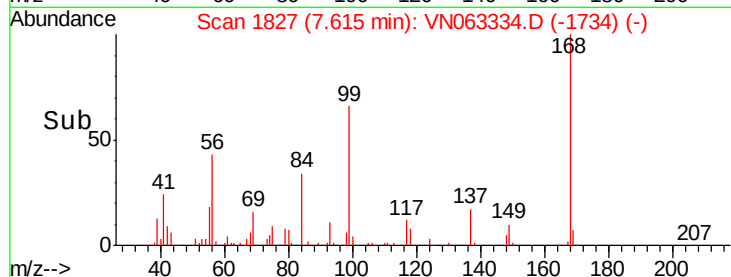
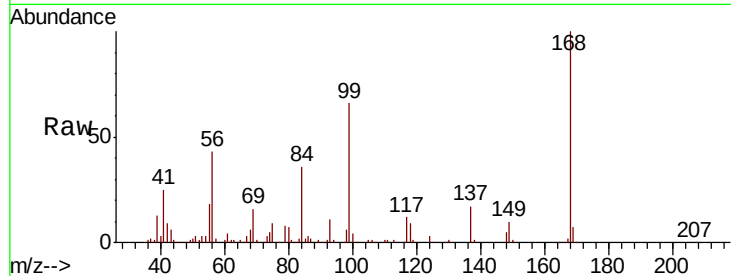




#31
Cyclohexane
Concen: 18.538 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

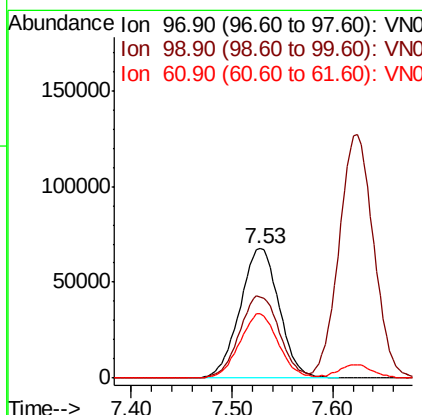
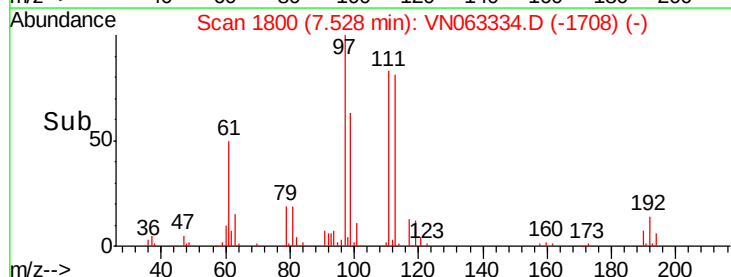
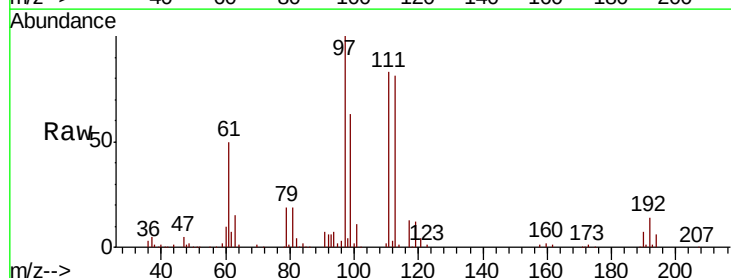
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

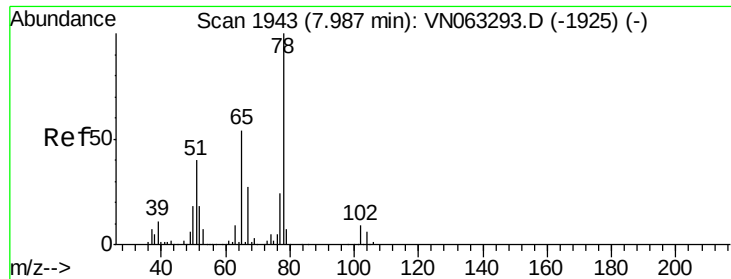
Tot Ion: 56 Resp: 193643
Ion Ratio Lower Upper
56 100
69 37.3 25.1 37.7
84 82.2 64.2 96.2



#32
1,1,1-Trichloroethane
Concen: 18.408 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 97 Resp: 182593
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 48.9 38.9 58.3

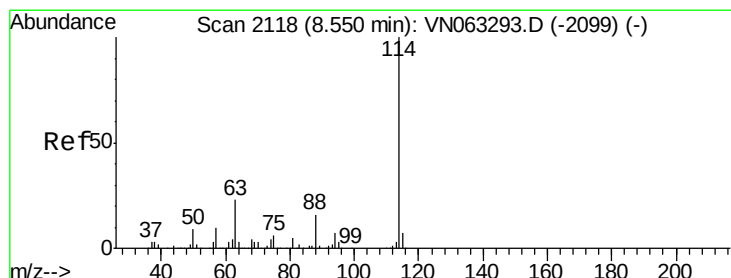
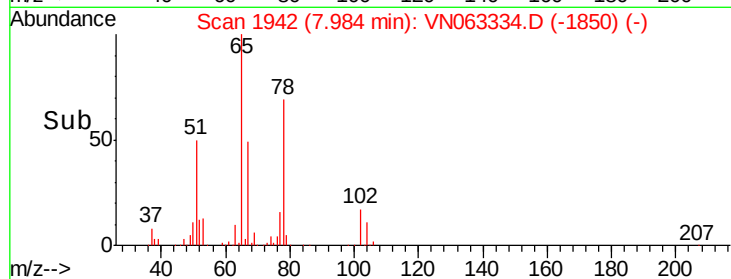
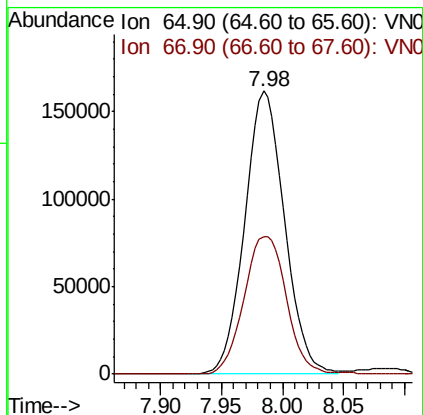
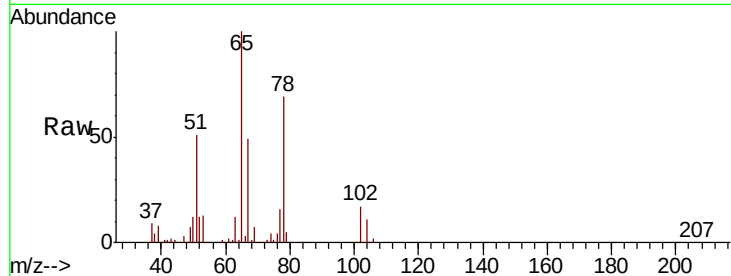




#33
 1,2-Dichloroethane-d4
 Concen: 49.038 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

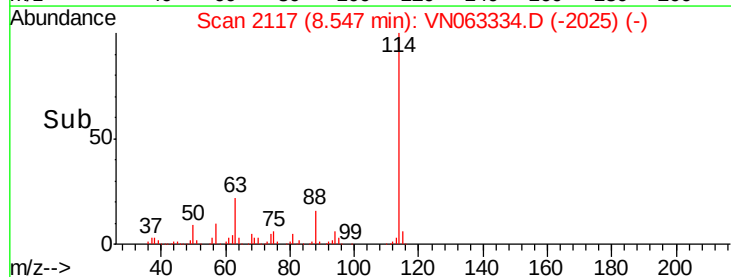
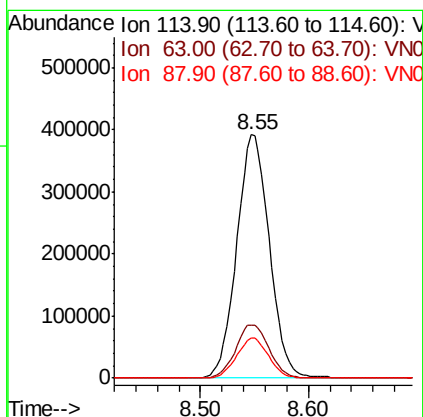
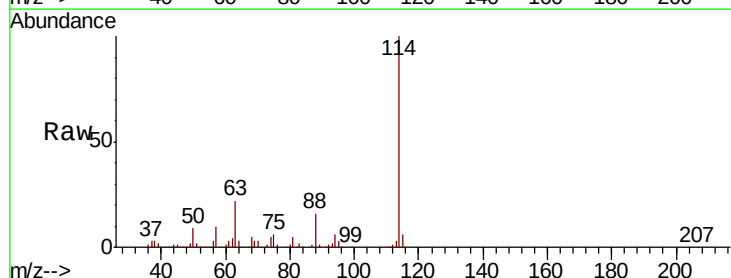
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

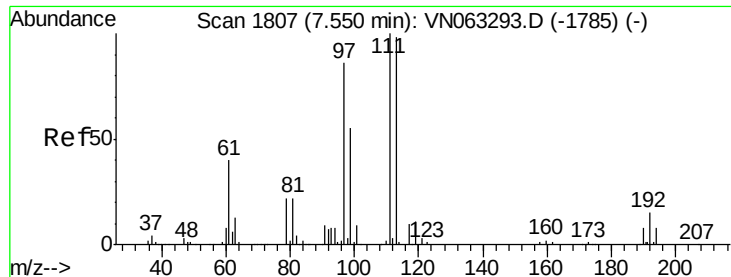
Tot Ion: 65 Resp: 365224
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 114 Resp: 826199
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 46.0
 88 16.5 0.0 32.8

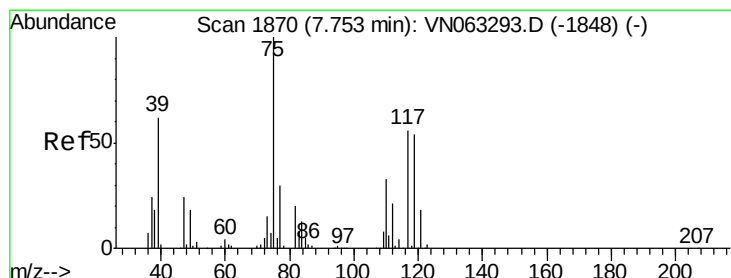
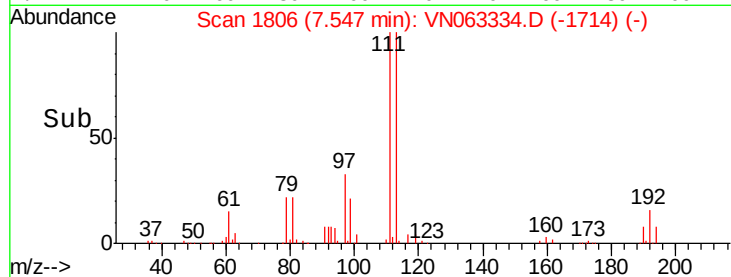
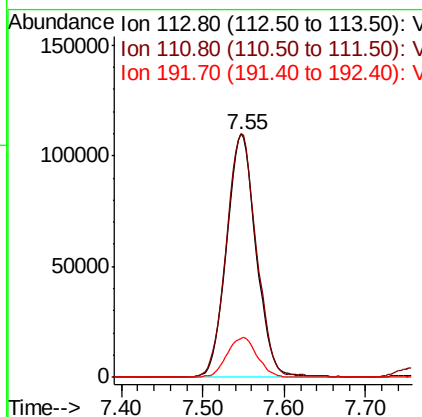
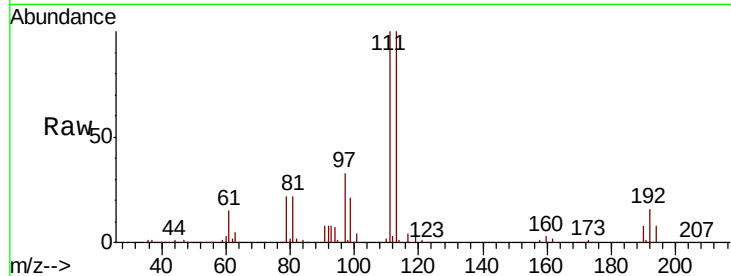




#35
 Dibromofluoromethane
 Concen: 52.175 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

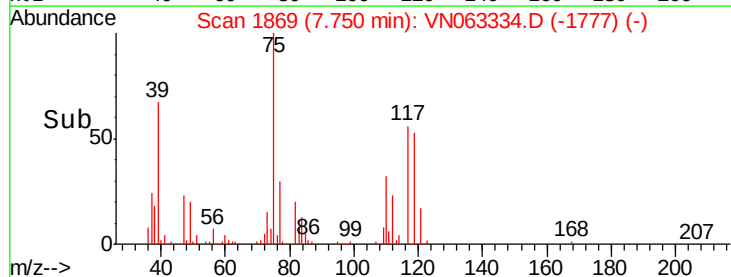
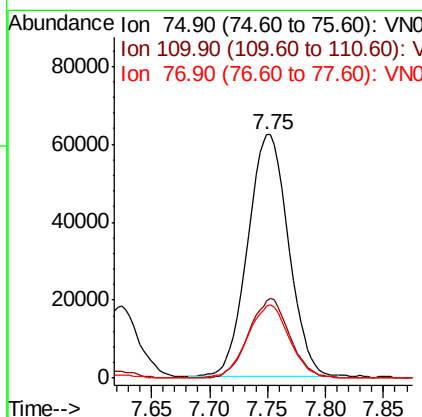
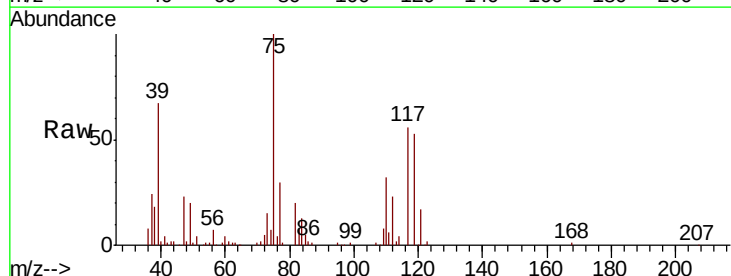
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

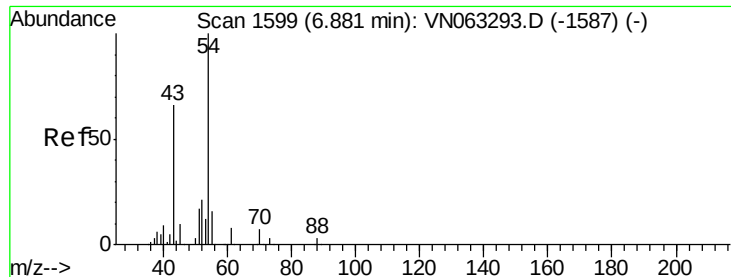
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	16.8	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 17.920 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.4	49.4
77	31.4	24.8	37.2

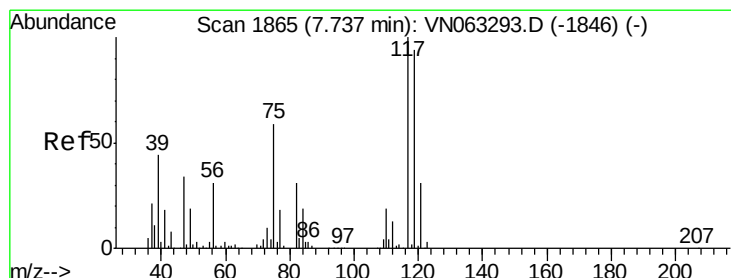
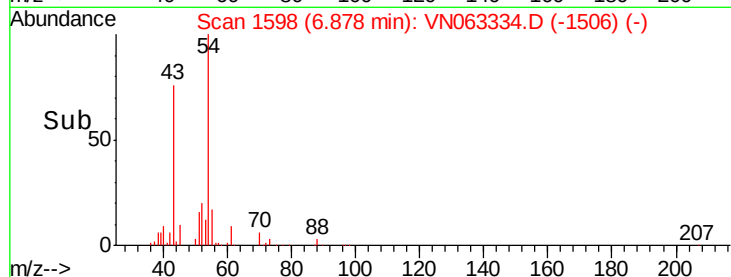
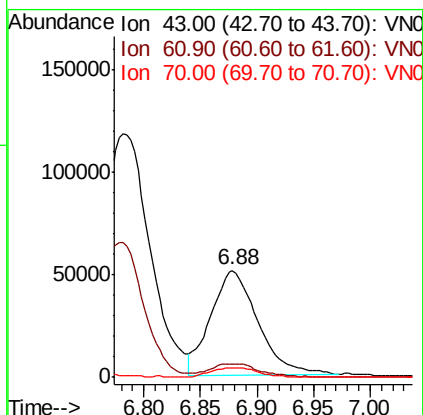
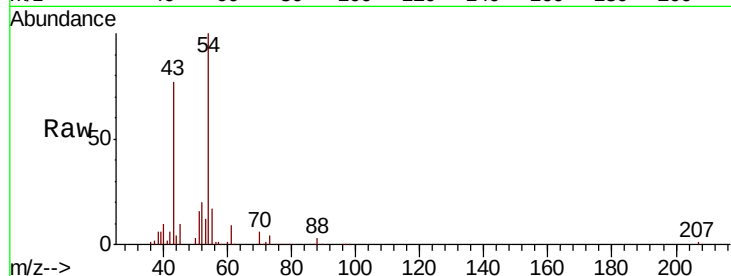




#37
Ethyl Acetate
Concen: 17.642 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

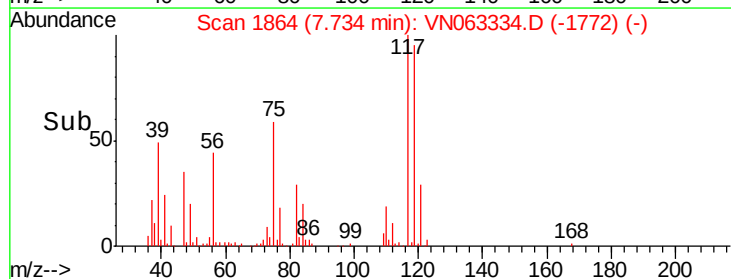
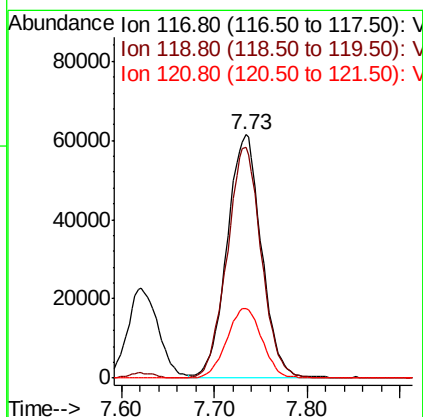
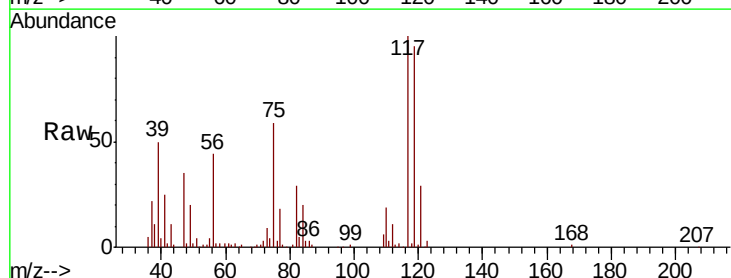
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

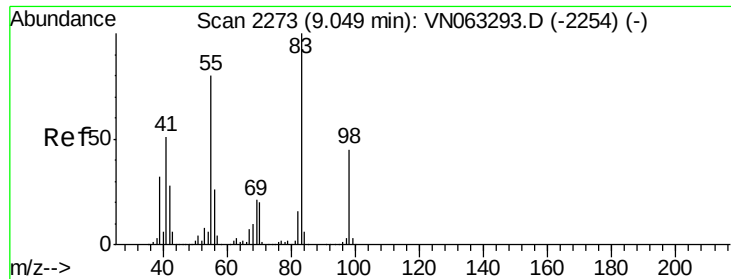
Tot Ion: 43 Resp: 147398
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 9.7 7.4 11.2



#38
Carbon Tetrachloride
Concen: 18.923 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 117 Resp: 158164
Ion Ratio Lower Upper
117 100
119 94.5 75.3 112.9
121 28.8 24.6 37.0

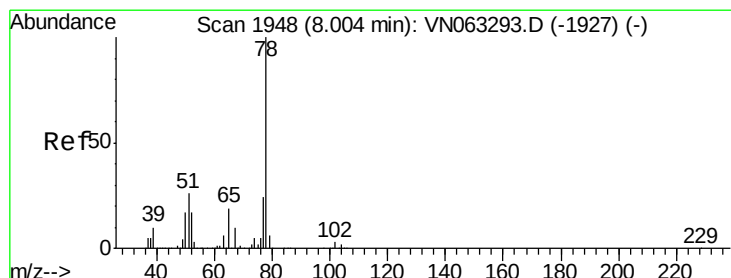
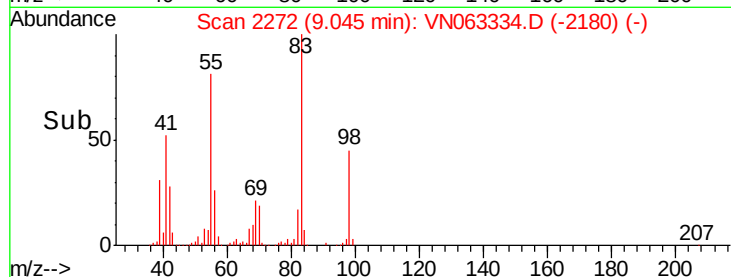
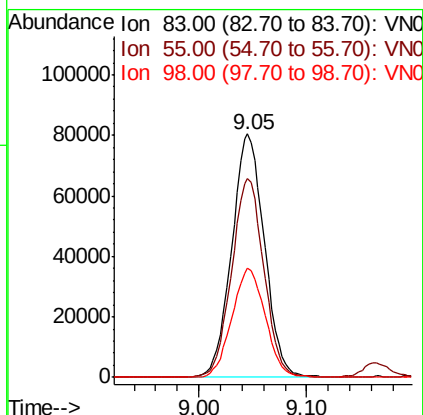
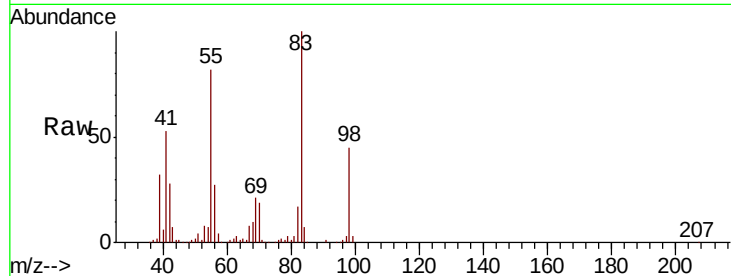




#39
Methylvlcyclohexane
Concen: 18.334 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

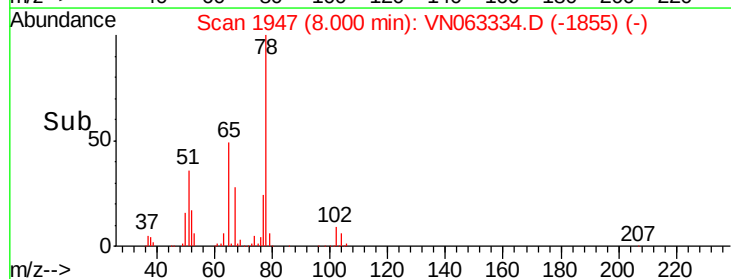
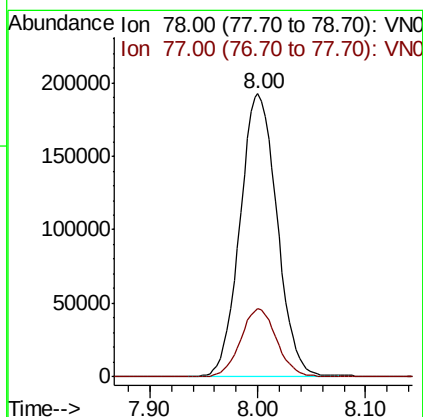
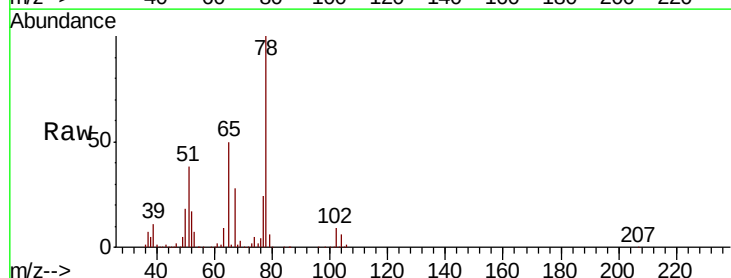
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

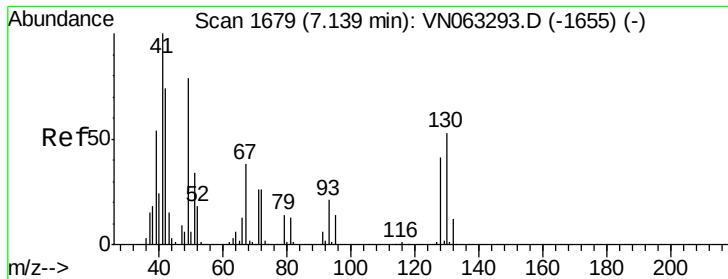
Tot Ion: 83 Resp: 169859
Ion Ratio Lower Upper
83 100
55 81.6 64.0 96.0
98 44.7 36.4 54.6



#40
Benzene
Concen: 18.967 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 78 Resp: 460060
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

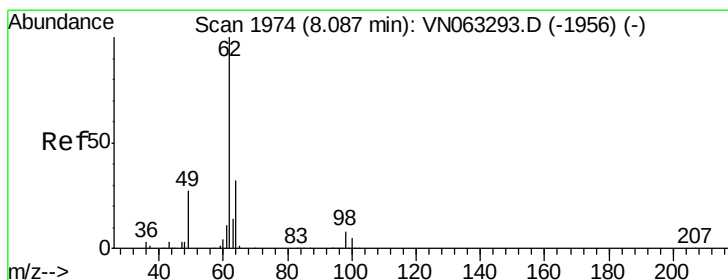
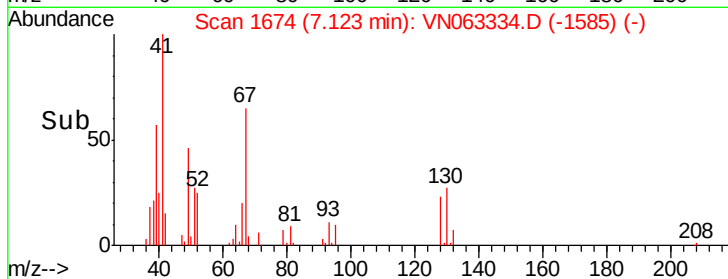
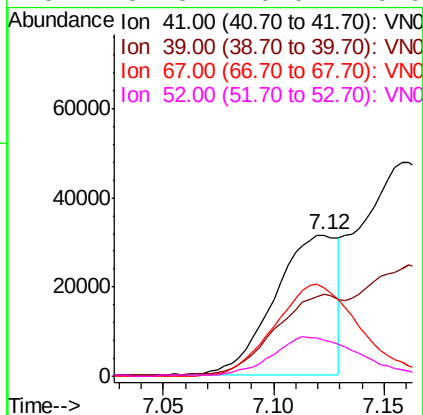
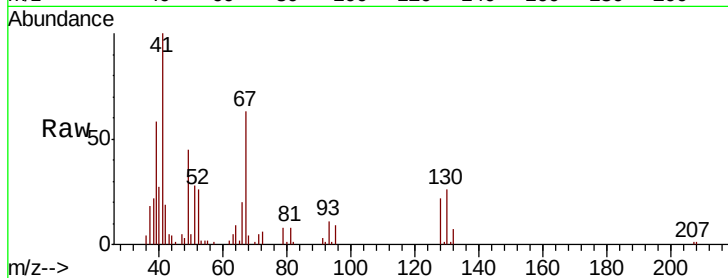




#41
Methacrylonitrile
Concen: 16.364 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

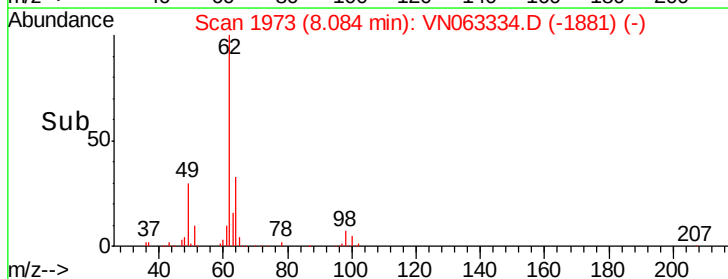
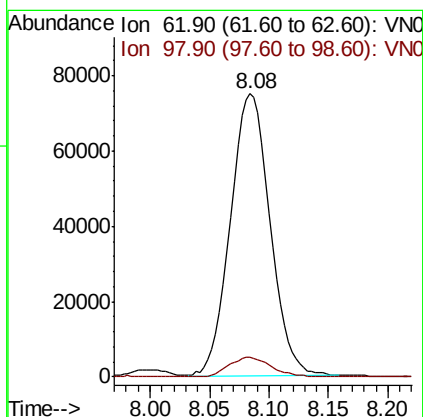
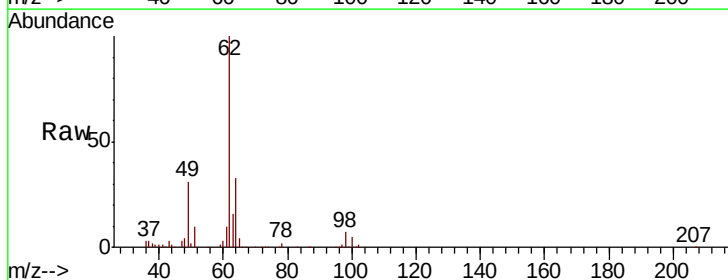
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

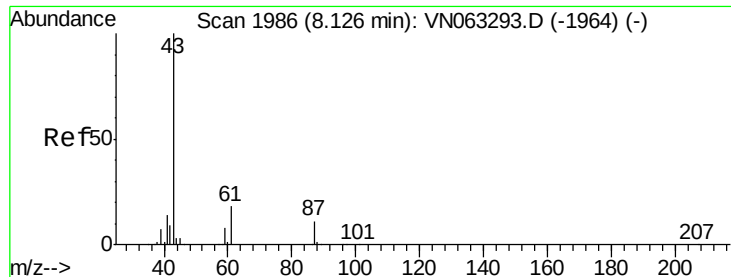
Tot Ion:	41	Resp:	61841
Ion	Ratio	Lower	Upper
41	100		
39	63.1	0.0	0.0#
67	91.0	0.0	0.0#
52	37.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.816 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion:	62	Resp:	173161
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.4





#43

Isopropyl Acetate

Concen: 18.457 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

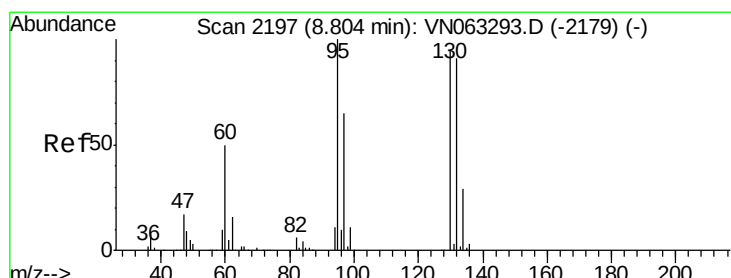
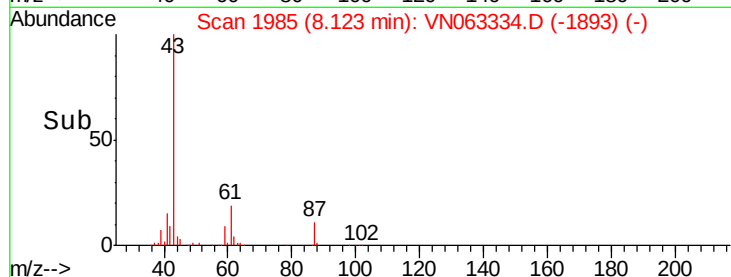
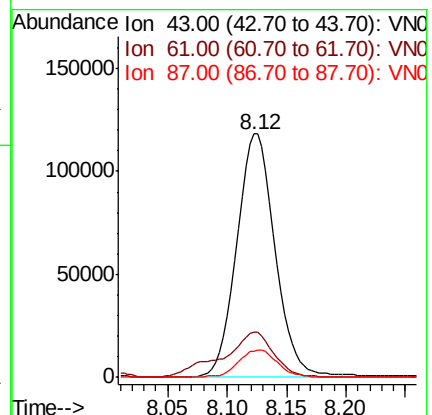
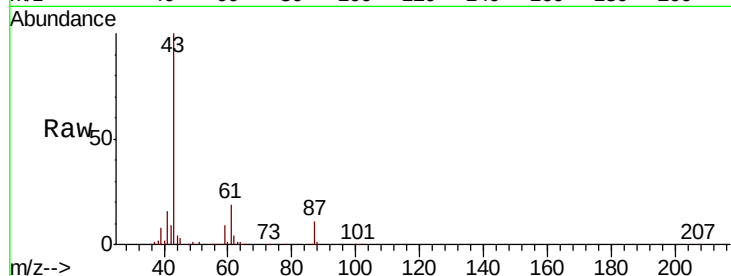
Tot Ion: 43 Resp: 261151

Ion Ratio Lower Upper

43 100

61 25.3 15.1 22.7#

87 11.5 9.2 13.8



#44

Trichloroethene

Concen: 18.327 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063334.D

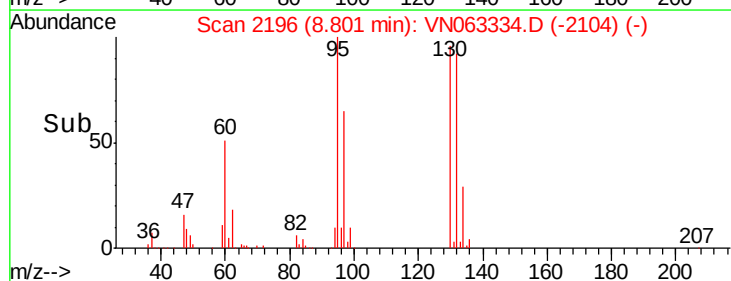
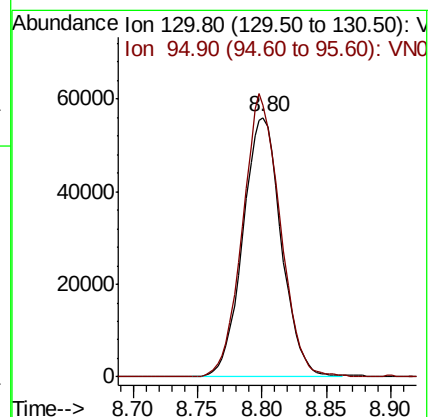
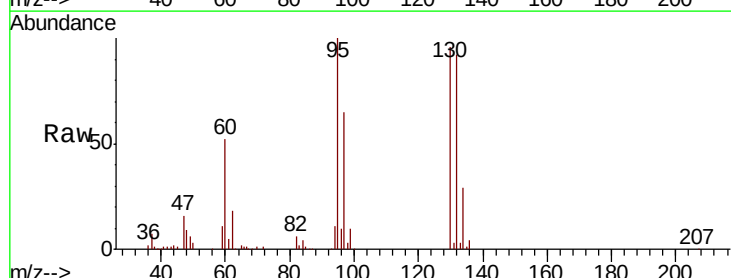
Acq: 14 Sep 2020 11:38

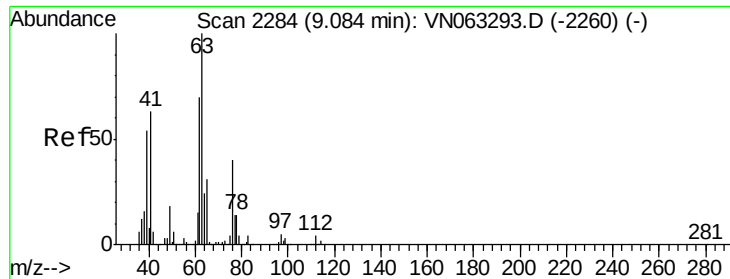
Tgt Ion: 130 Resp: 116253

Ion Ratio Lower Upper

130 100

95 104.7 0.0 210.8

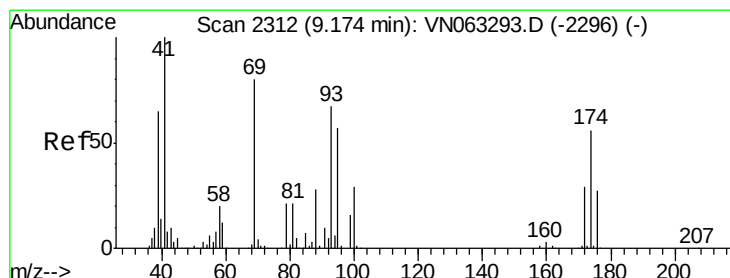
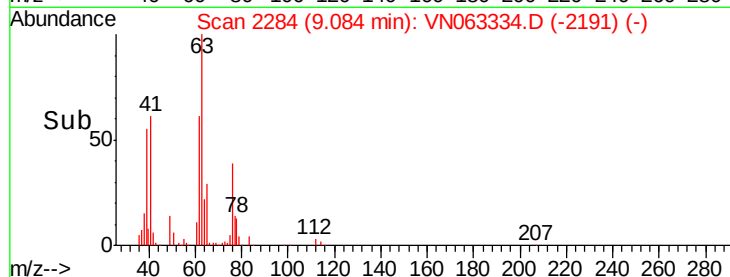
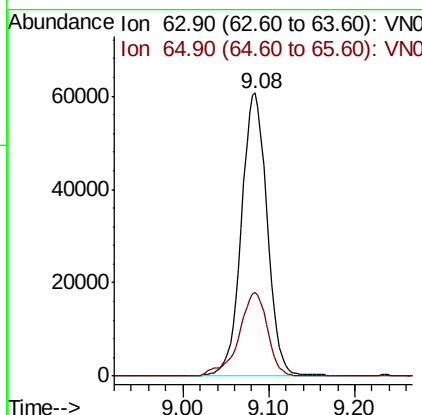
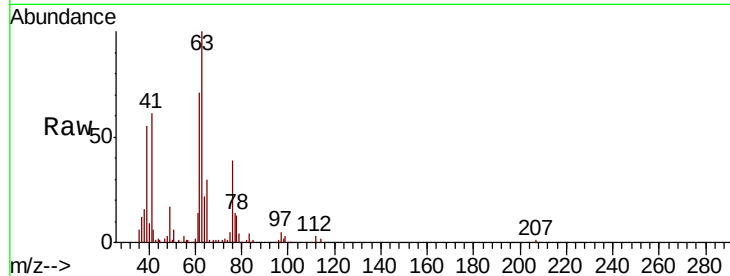




#45
 1,2-Dichloropropane
 Concen: 19.003 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

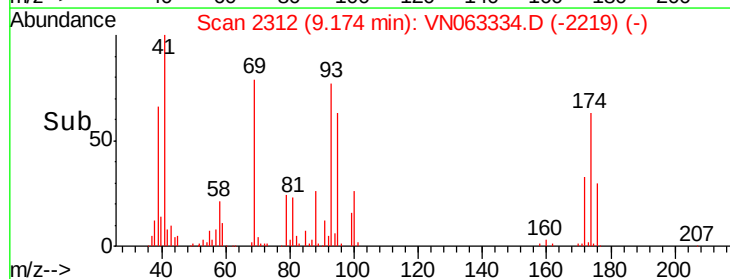
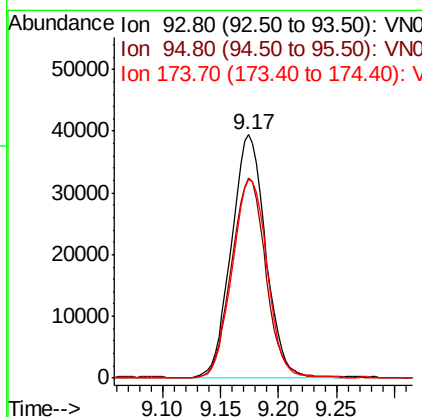
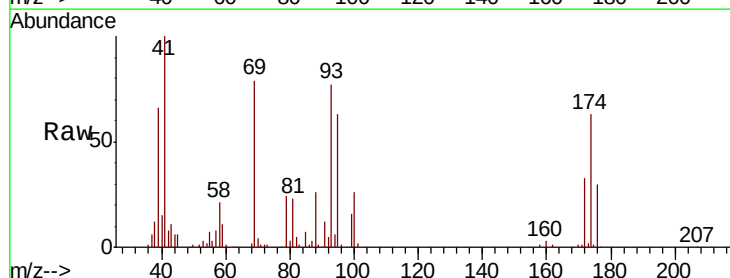
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

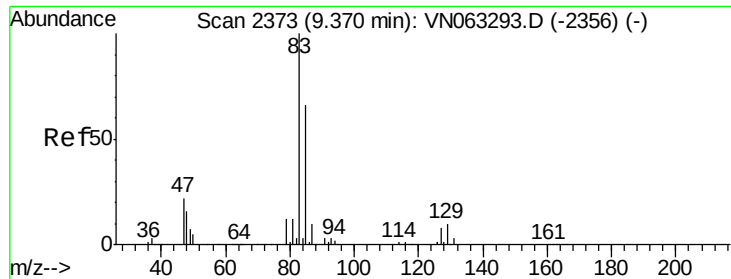
Tot Ion: 63 Resp: 126429
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 36.8



#46
 Dibromomethane
 Concen: 18.727 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 93 Resp: 80794
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.9 101.9
 174 83.2 66.9 100.3





#47

Bromodichloromethane

Concen: 18.518 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

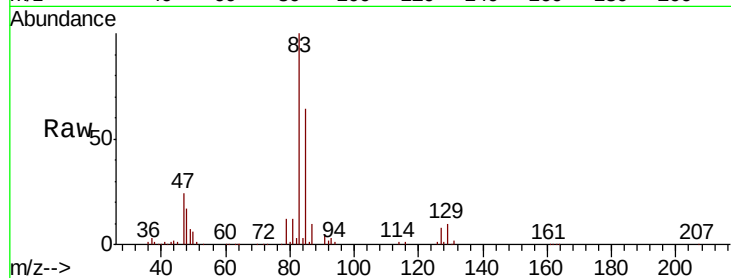
Tot Ion: 83 Resp: 166499

Ion Ratio Lower Upper

83 100

85 64.0 52.5 78.7

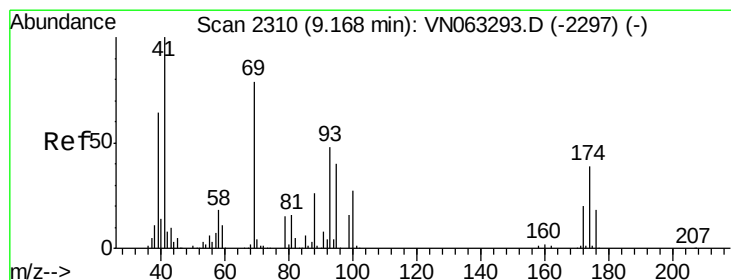
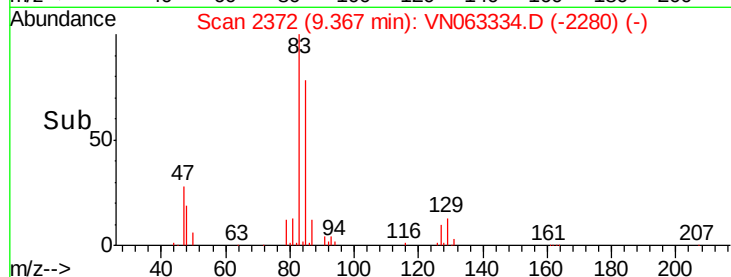
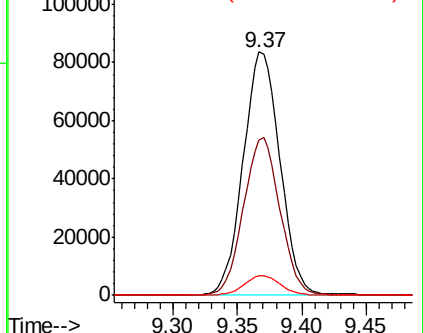
127 8.0 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.976 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

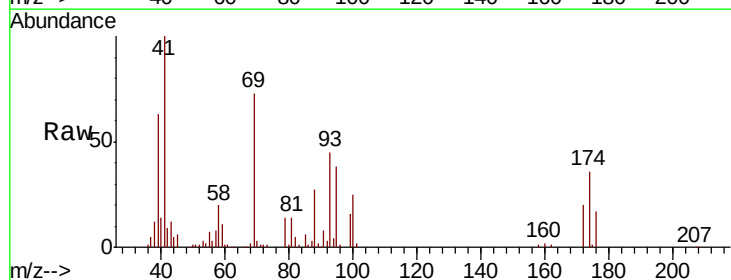
Tgt Ion: 41 Resp: 121356

Ion Ratio Lower Upper

41 100

69 79.8 63.6 95.4

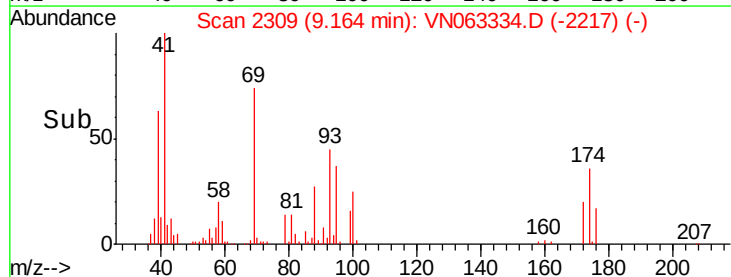
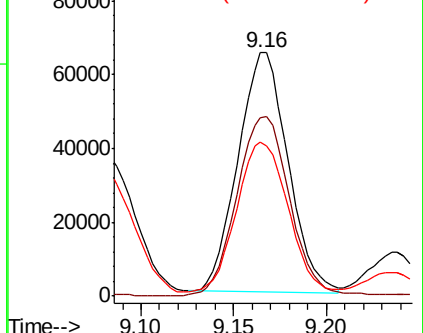
39 67.1 53.2 79.8

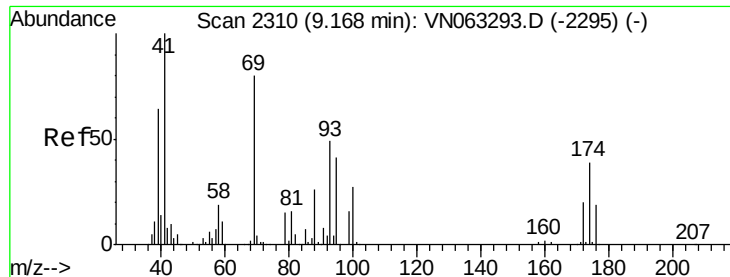


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

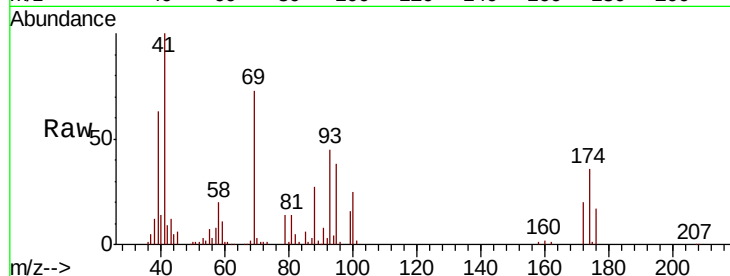




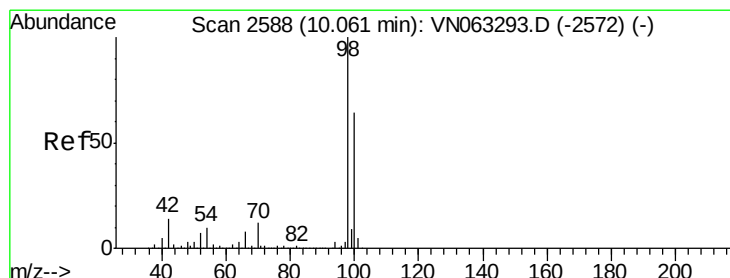
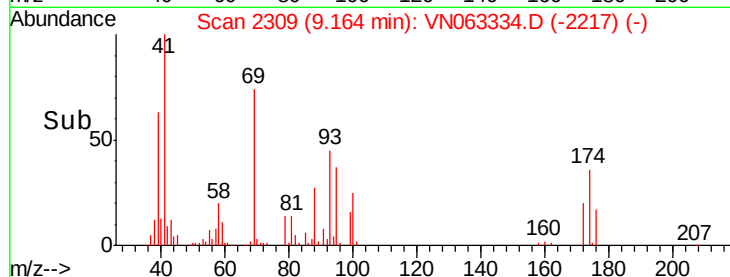
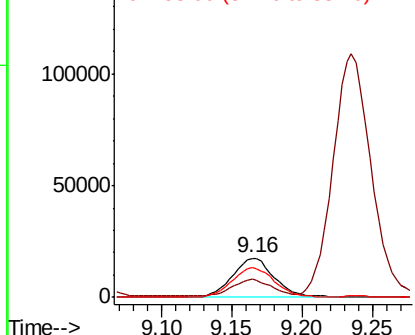
#49
1,4-Dioxane
Concen: 348.212 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

Tot Ion: 88 Resp: 36398
Ion Ratio Lower Upper
88 100
43 38.4 30.5 45.7
58 78.2 58.9 88.3

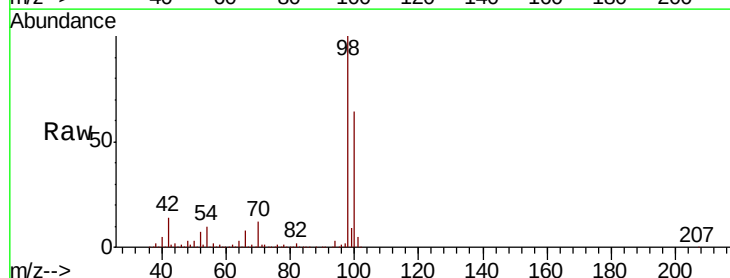


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

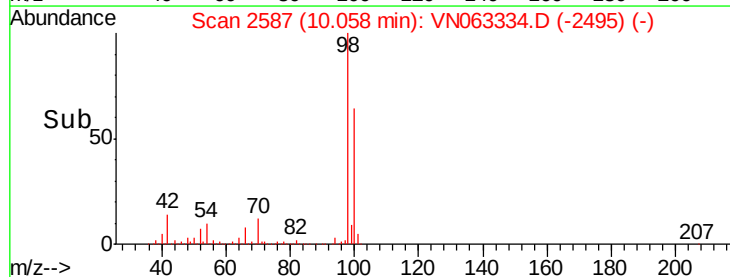
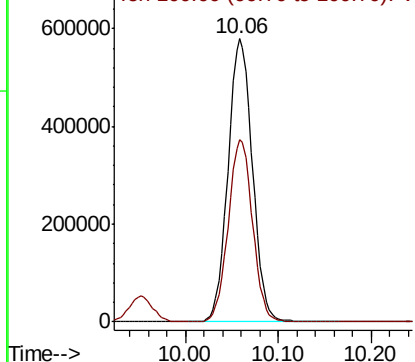


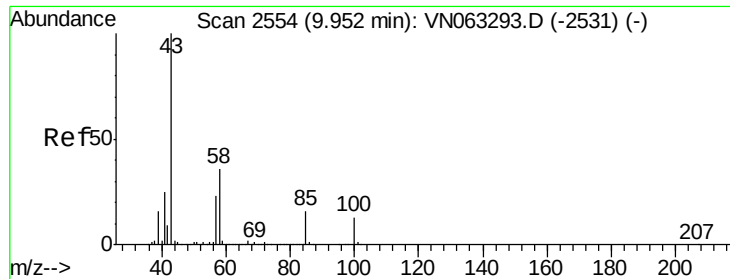
#50
Toluene-d8
Concen: 51.777 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 98 Resp: 1057604
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 97.062 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

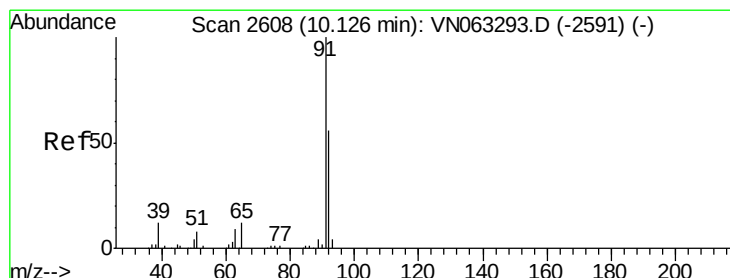
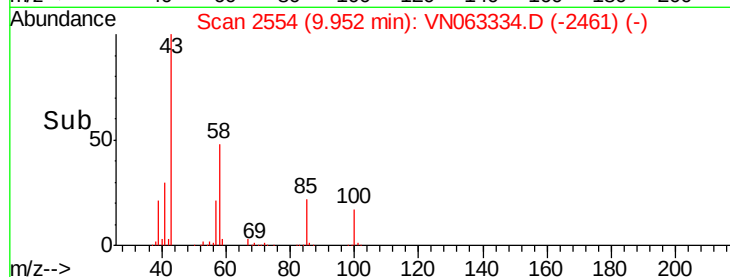
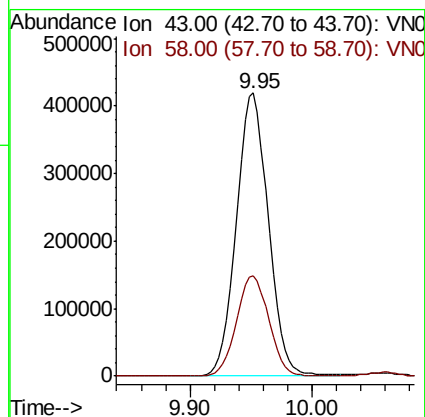
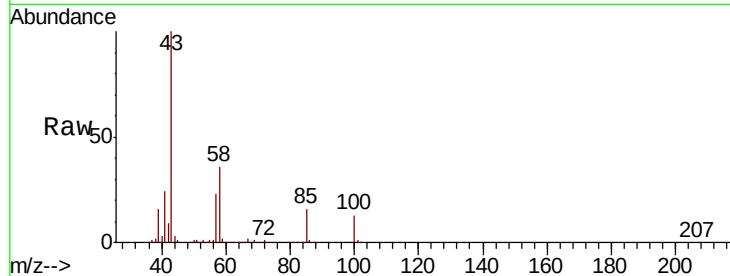
VN0914WBS01

Tot Ion: 43 Resp: 756840

Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.4



#52

Toluene

Concen: 18.882 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063334.D

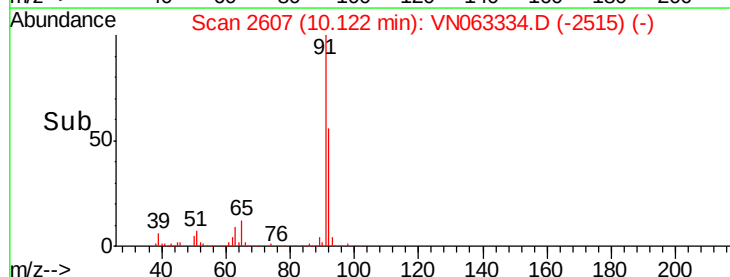
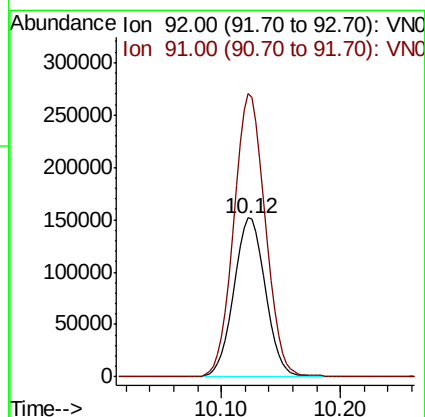
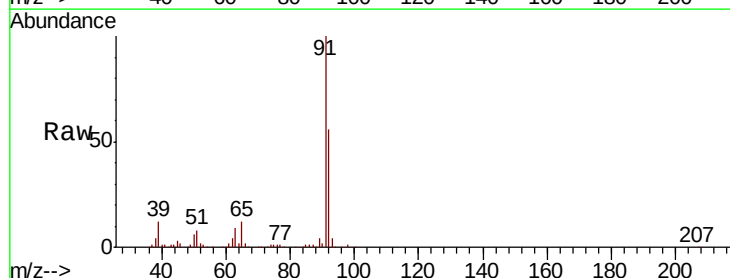
Acq: 14 Sep 2020 11:38

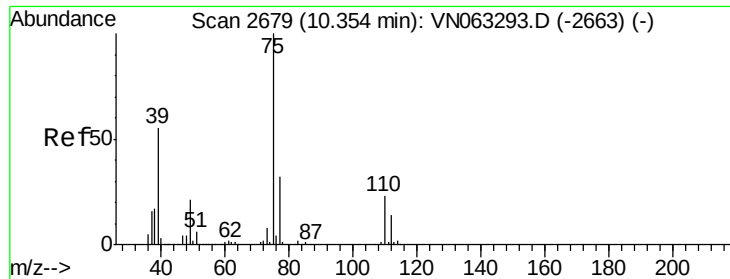
Tgt Ion: 92 Resp: 279627

Ion Ratio Lower Upper

92 100

91 177.8 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 18.749 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

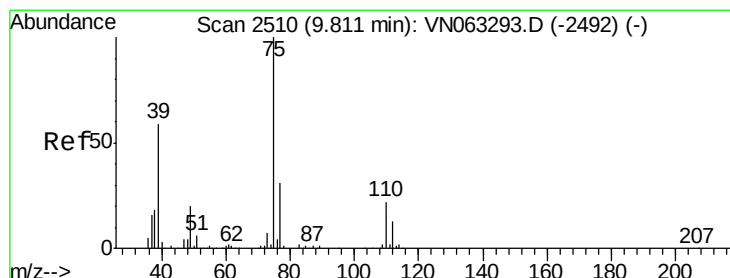
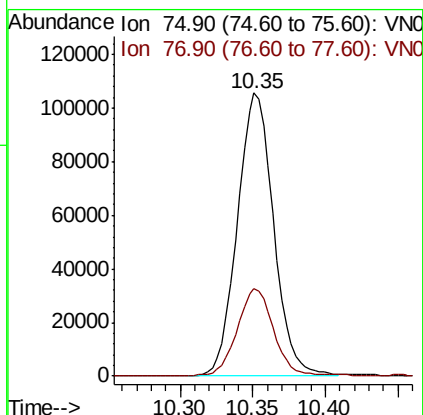
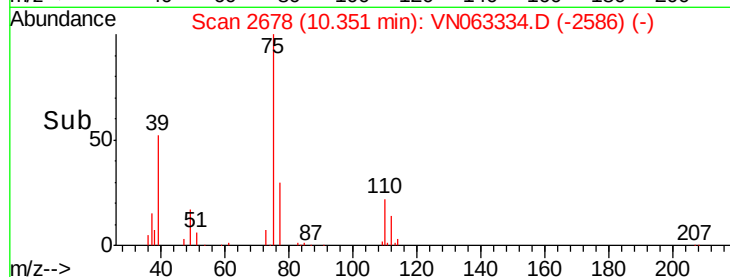
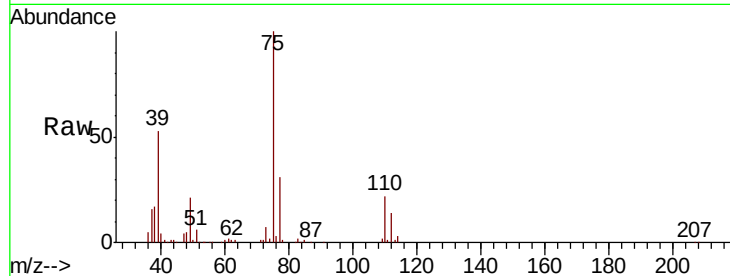
VN0914WBS01

Tot Ion: 75 Resp: 183826

Ion Ratio Lower Upper

75 100

77 30.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.767 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

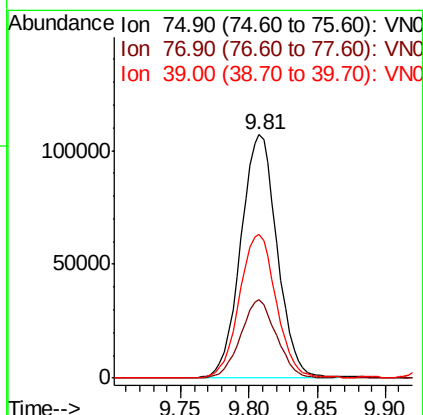
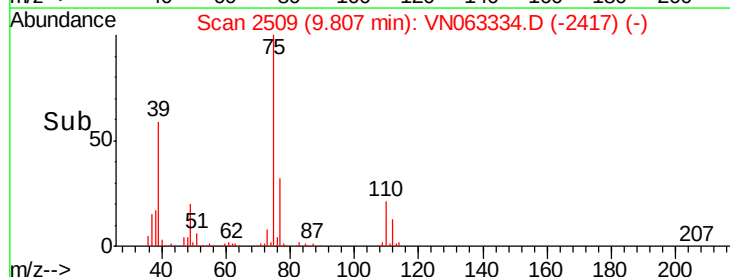
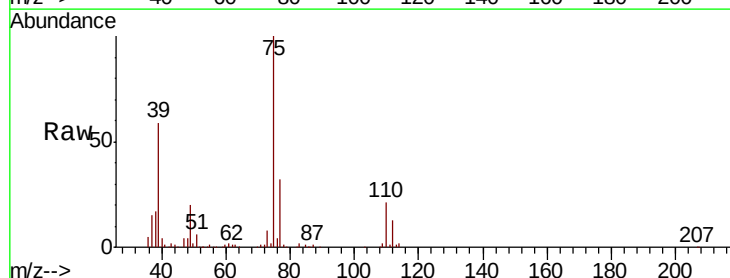
Tgt Ion: 75 Resp: 198116

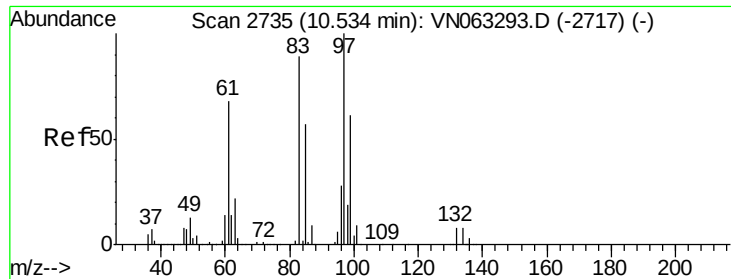
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 58.9 47.2 70.8

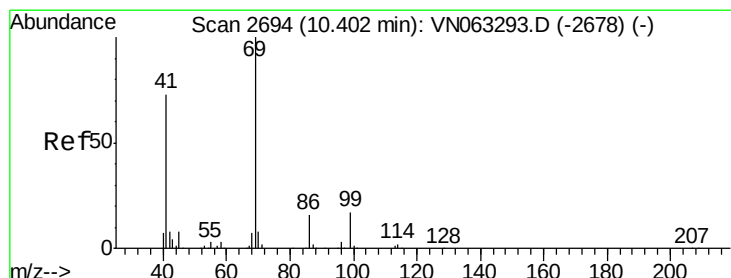
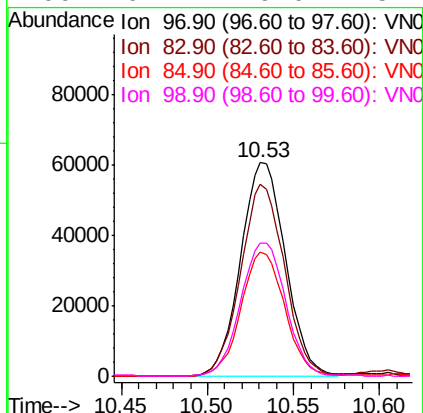
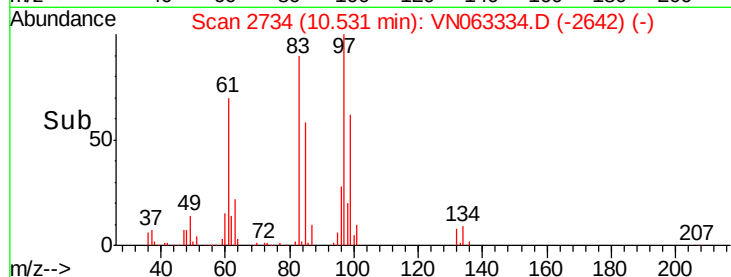
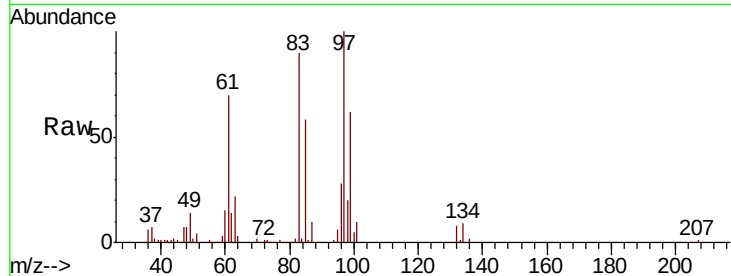




#55
 1,1,2-Trichloroethane
 Concen: 18.926 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

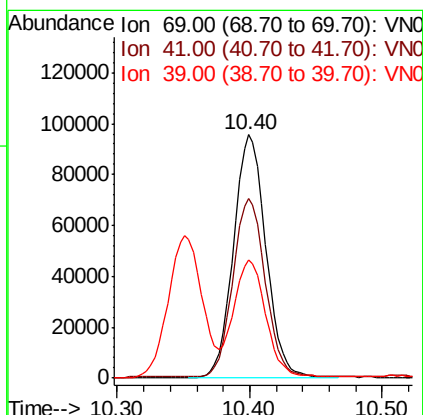
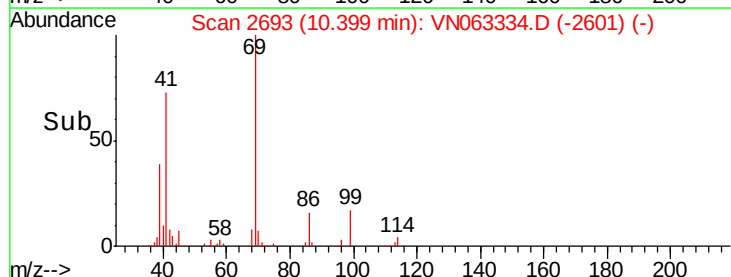
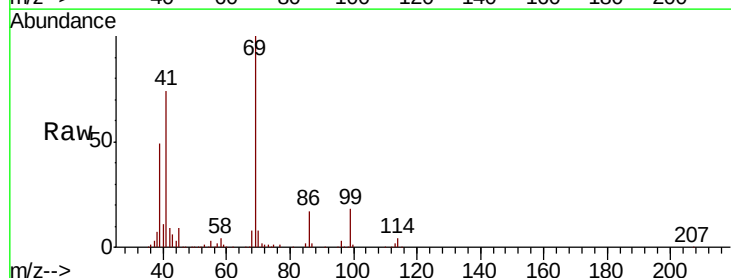
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

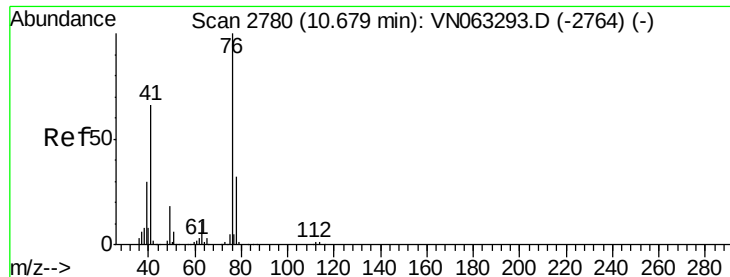
Tot Ion:	97	Resp:	109830
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.8	106.2
85	58.1	45.6	68.4
99	62.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.456 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion:	69	Resp:	162866
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.4	87.6
39	47.7	38.6	58.0





#57

1,3-Dichloropropane

Concen: 19.135 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

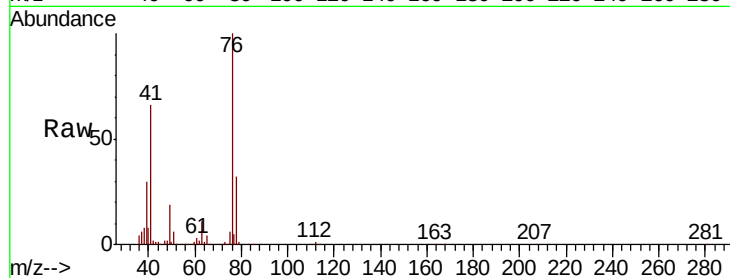
VN0914WBS01

Tot Ion: 76 Resp: 194033

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

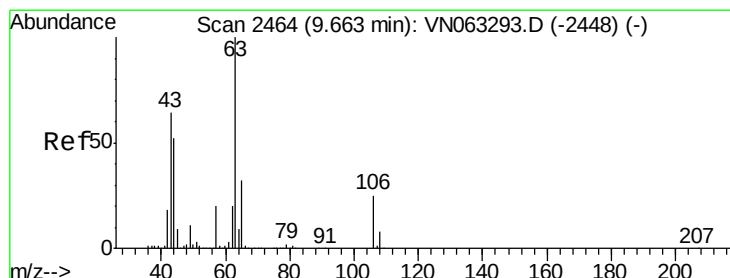
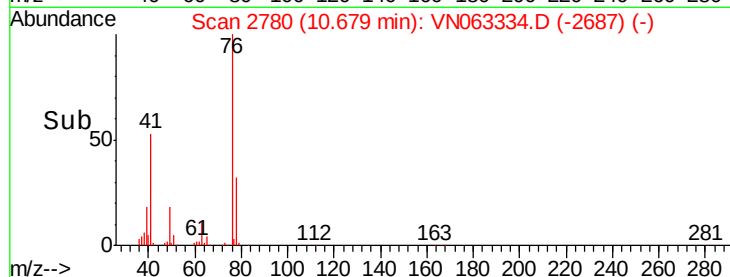
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 82.792 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063334.D

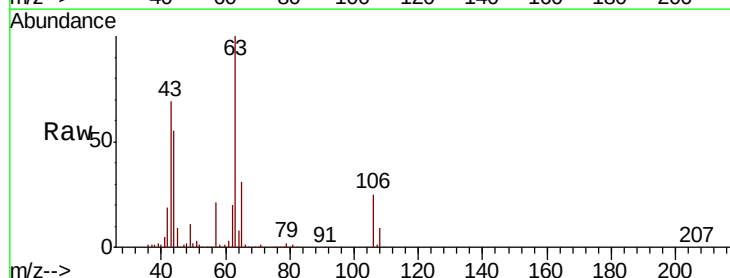
Acq: 14 Sep 2020 11:38

Tgt Ion: 63 Resp: 391896

Ion Ratio Lower Upper

63 100

106 25.2 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

250000

200000

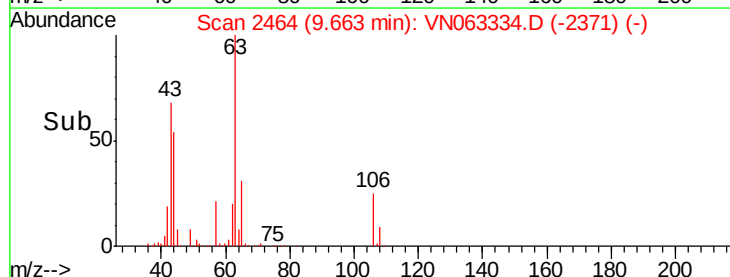
150000

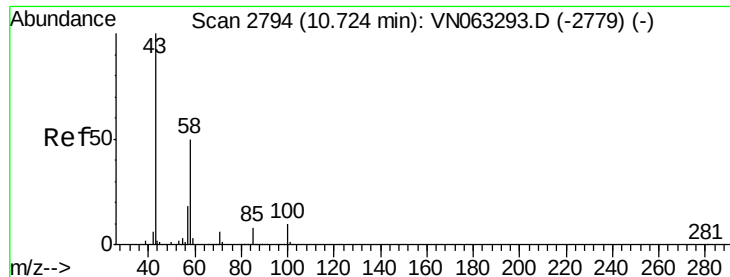
100000

50000

0

Time-->

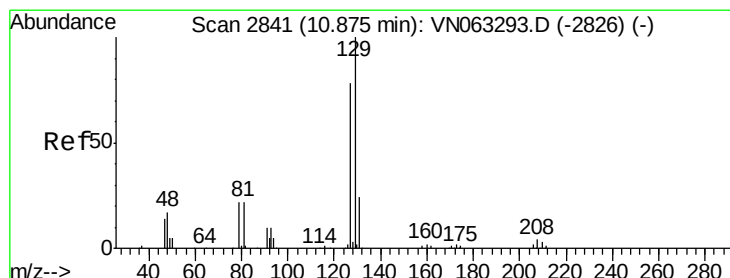
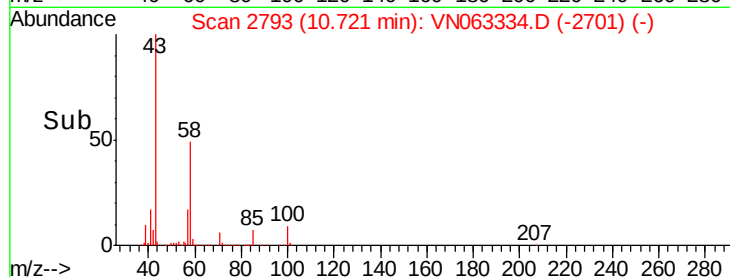
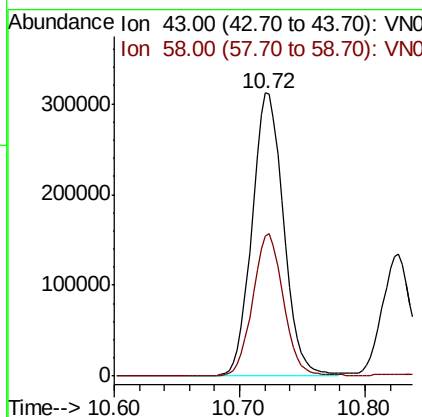
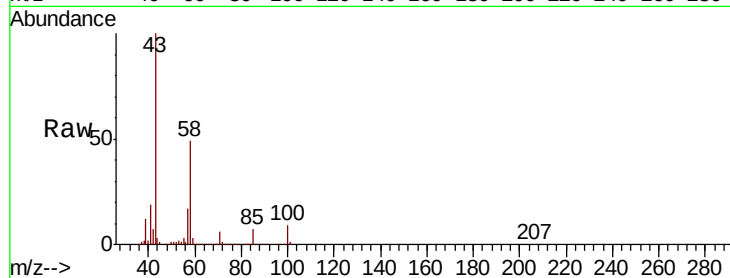




#59
2-Hexanone
Concen: 94.663 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

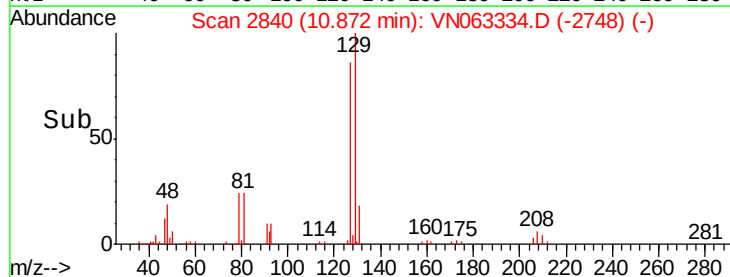
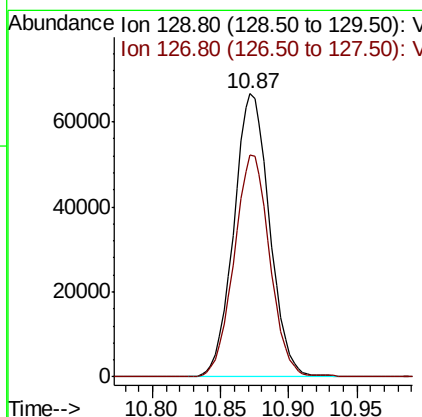
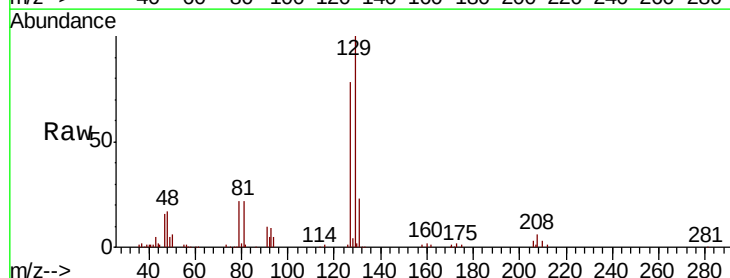
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

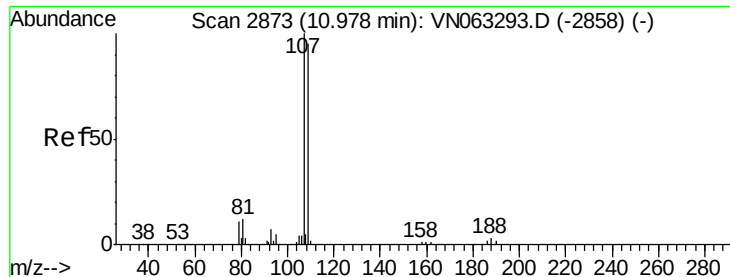
Tot Ion: 43 Resp: 544380
Ion Ratio Lower Upper
43 100
58 49.3 25.1 75.3



#60
Dibromochloromethane
Concen: 18.980 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 129 Resp: 120947
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

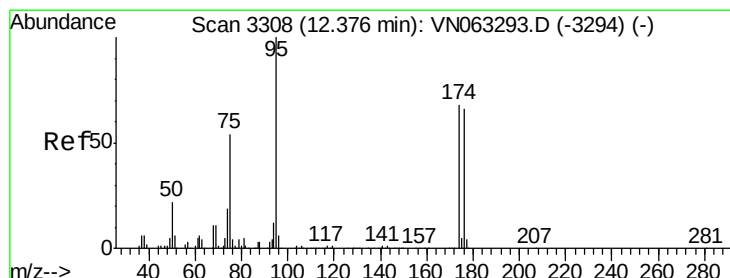
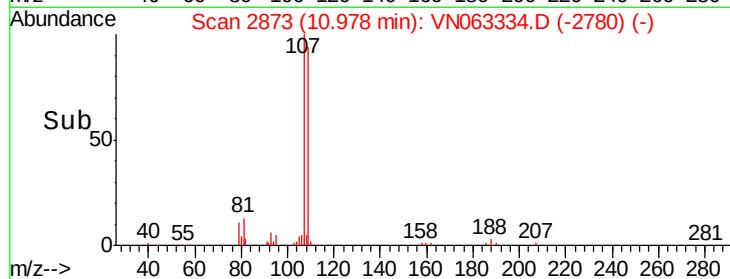
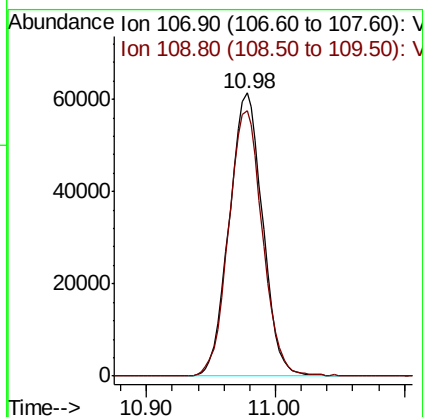
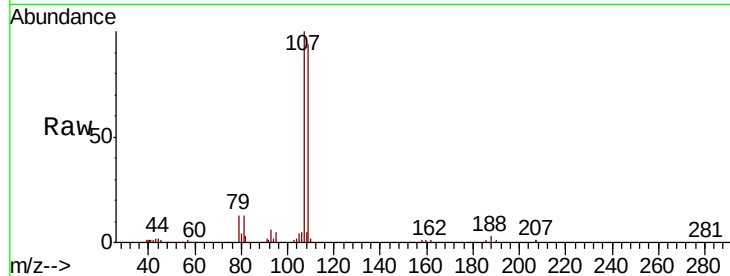




#61
 1,2-Dibromoethane
 Concen: 18.199 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

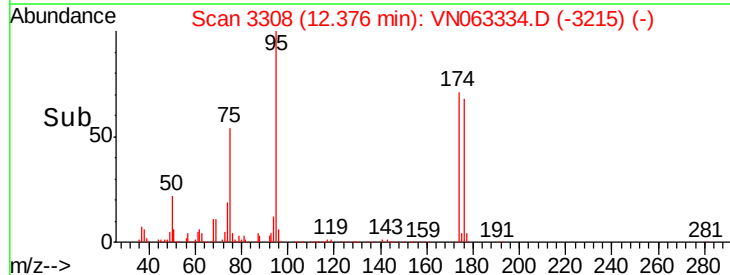
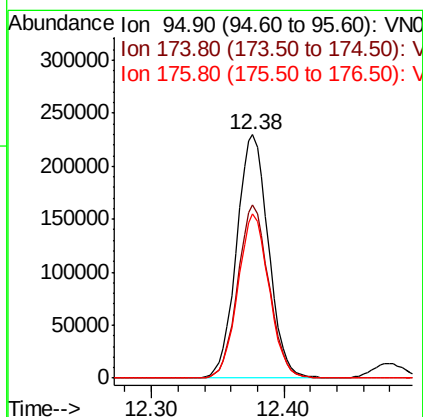
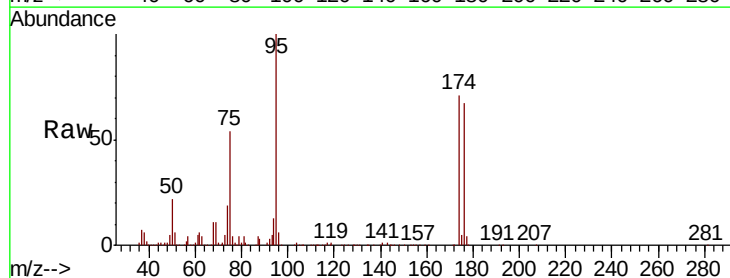
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

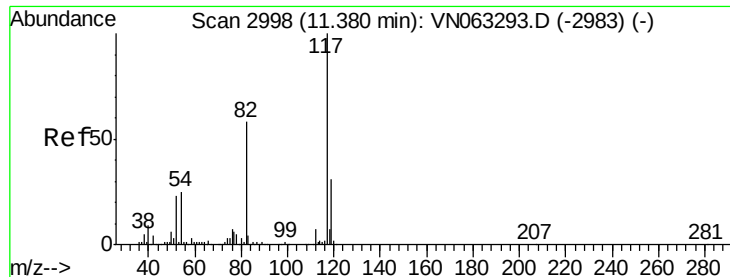
Tot Ion: 107 Resp: 110097
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.736 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 95 Resp: 382772
 Ion Ratio Lower Upper
 95 100
 174 70.0 0.0 136.6
 176 66.3 0.0 132.8

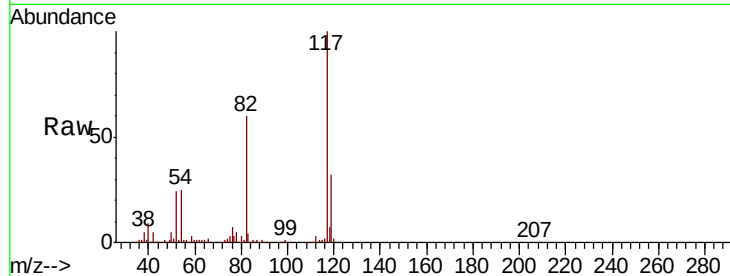




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.4	69.6
119	32.2	24.8	37.2

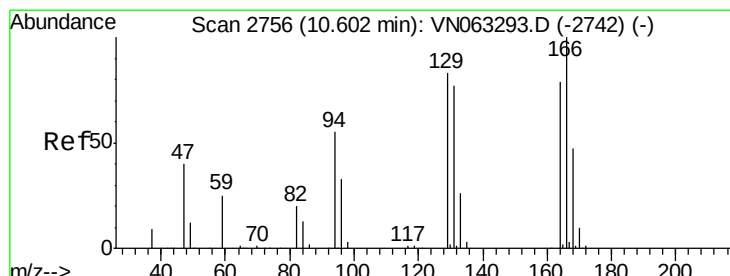
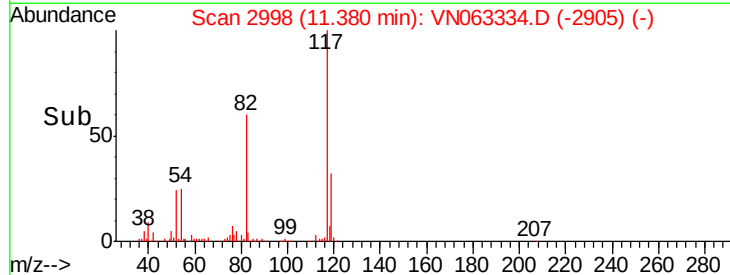
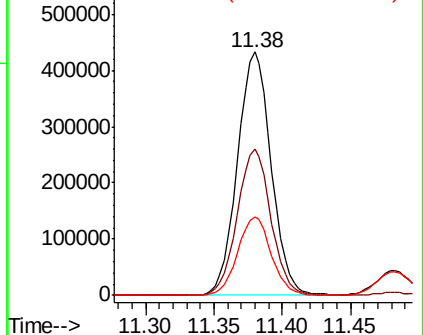


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.943 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.3	151.9
129	104.3	83.7	125.5
131	99.0	78.2	117.4

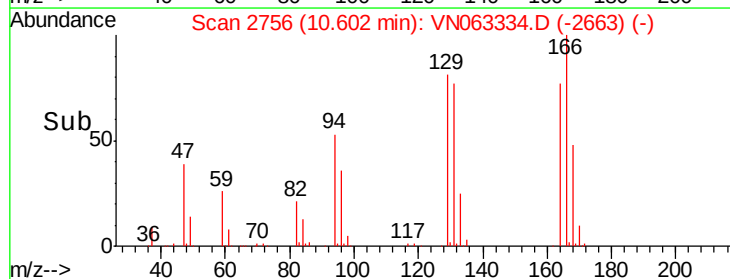
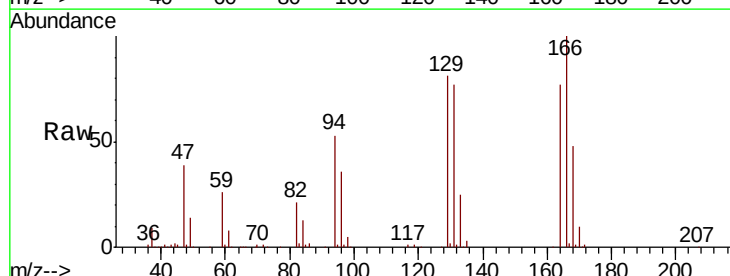
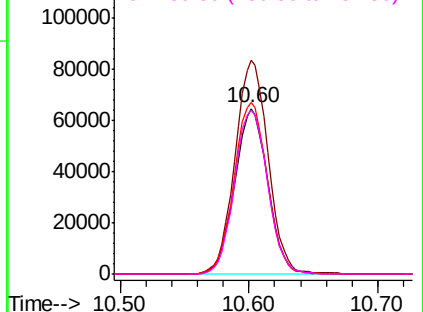
Abundance

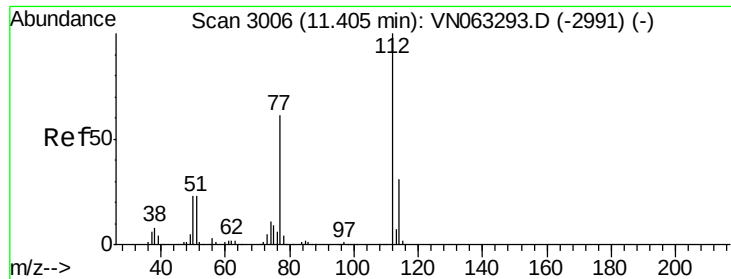
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

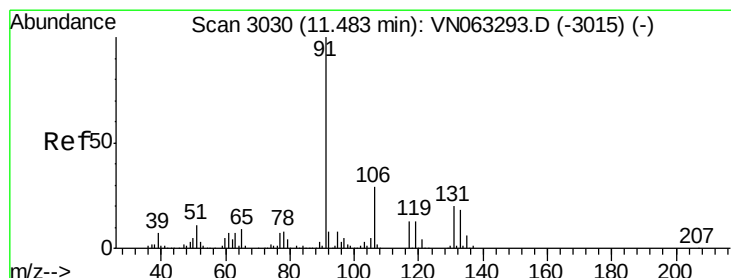
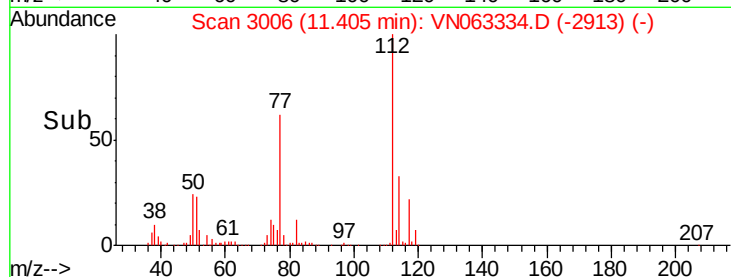
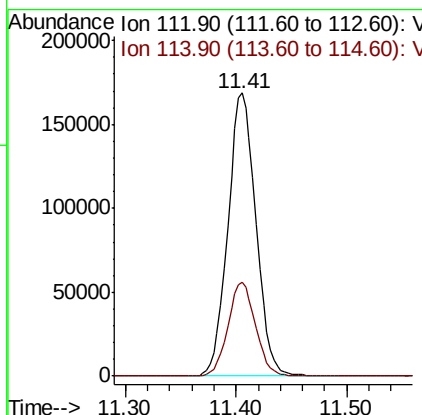
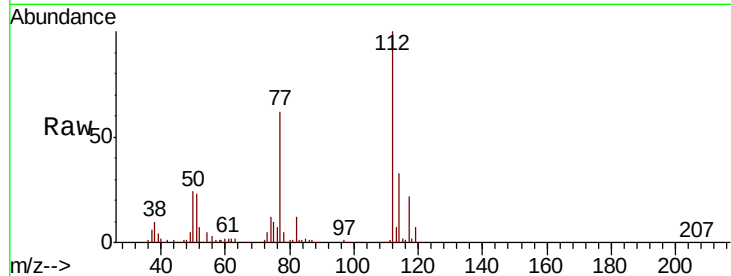




#65
Chlorobenzene
Concen: 18.565 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

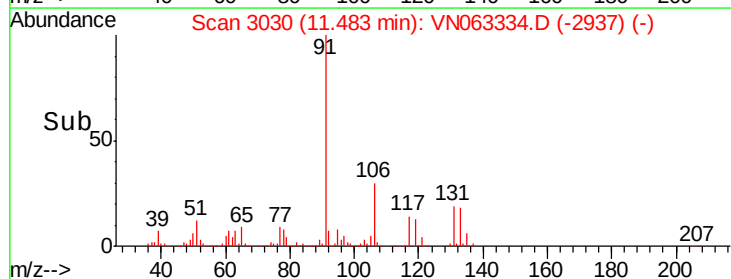
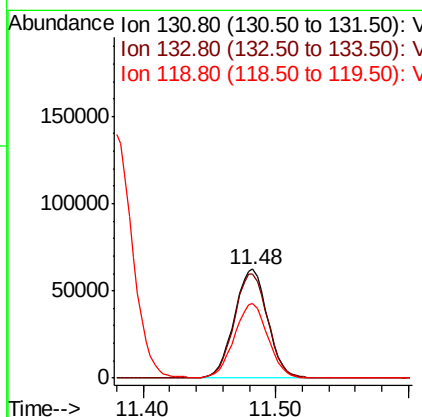
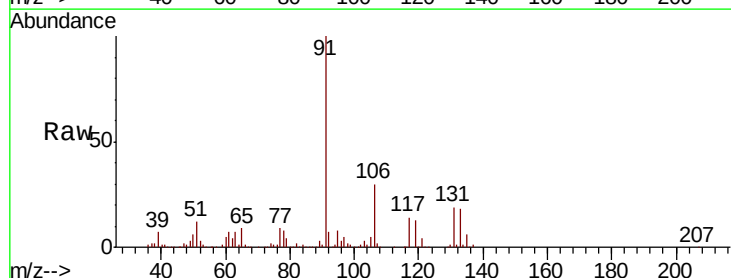
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

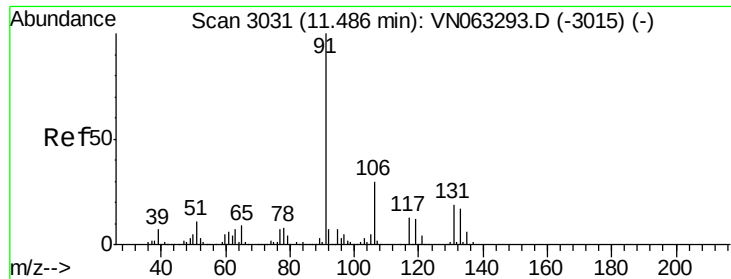
Tot Ion:112 Resp: 296758
Ion Ratio Lower Upper
112 100
114 33.4 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.653 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion:131 Resp: 108636
Ion Ratio Lower Upper
131 100
133 97.1 47.4 142.2
119 68.4 33.8 101.3

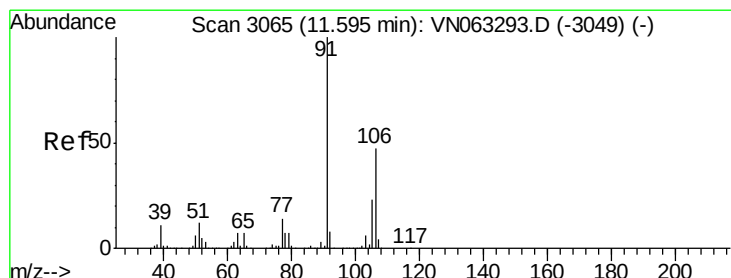
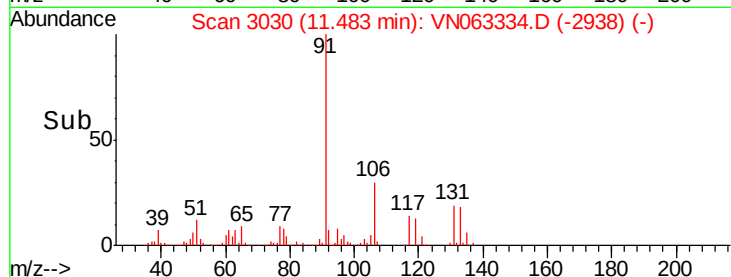
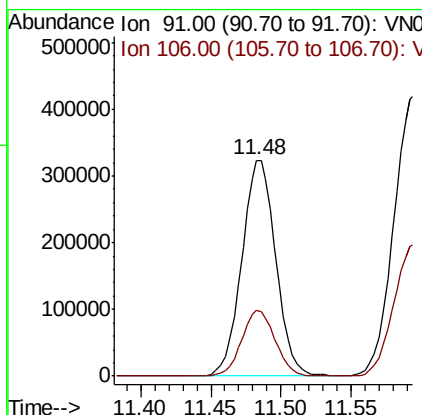
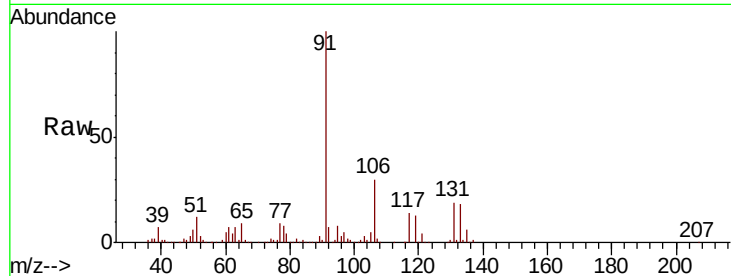




#67
Ethyl Benzene
Concen: 18.984 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

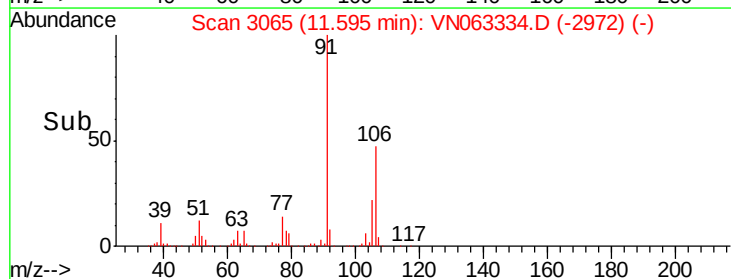
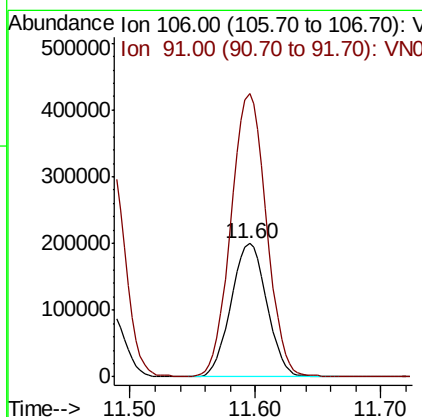
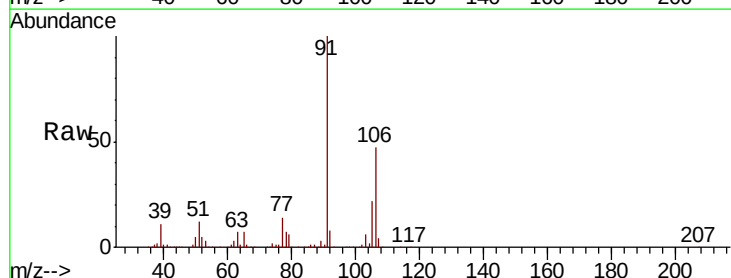
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

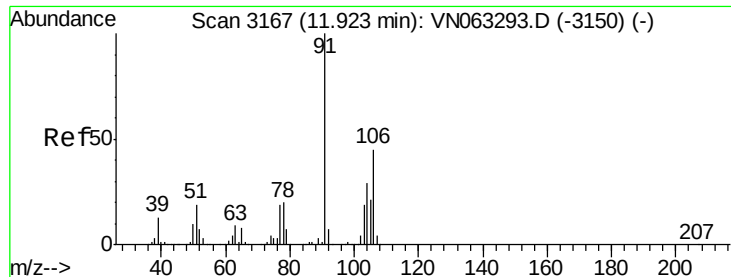
Tot Ion: 91 Resp: 544776
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 37.221 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 106 Resp: 395107
Ion Ratio Lower Upper
106 100
91 210.7 169.8 254.8

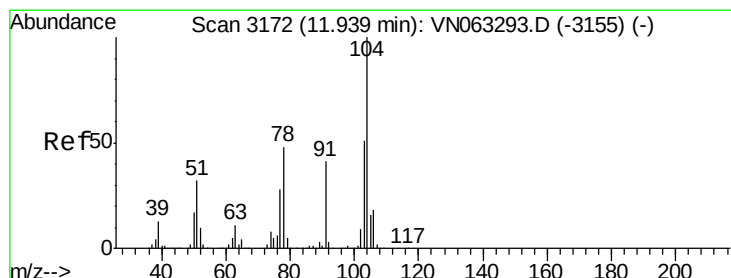
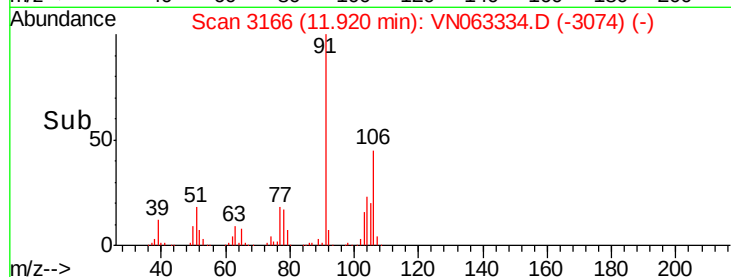
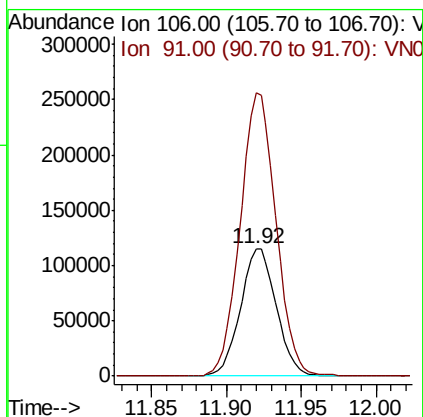
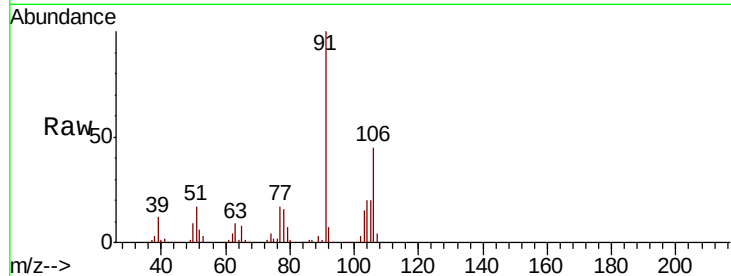




#69
o-Xylene
Concen: 18.797 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

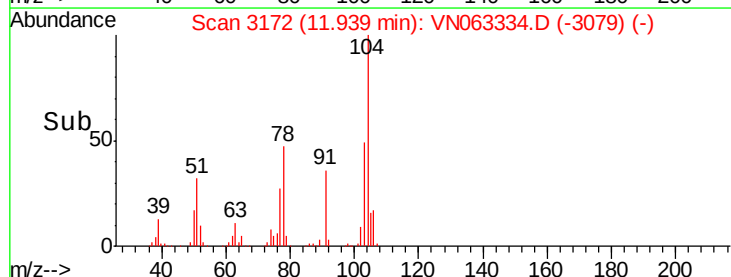
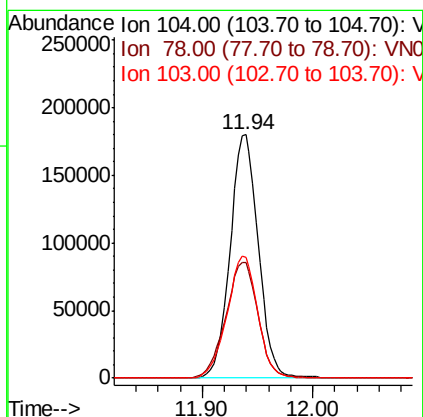
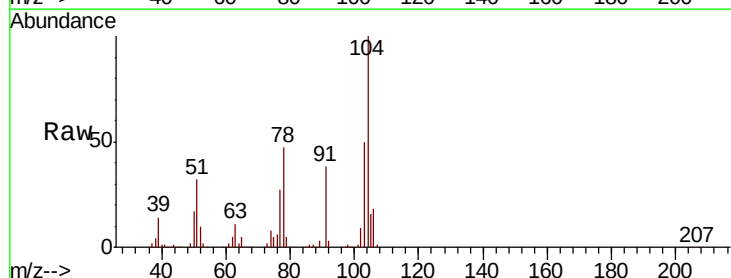
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

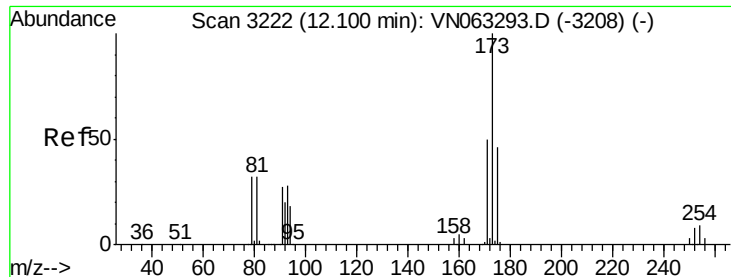
Tot Ion:106 Resp: 191483
Ion Ratio Lower Upper
106 100
91 222.9 111.5 334.4



#70
Styrene
Concen: 18.824 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion:104 Resp: 318716
Ion Ratio Lower Upper
104 100
78 54.3 42.9 64.3
103 54.3 44.2 66.2





#71

Bromoform

Concen: 18.530 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS01

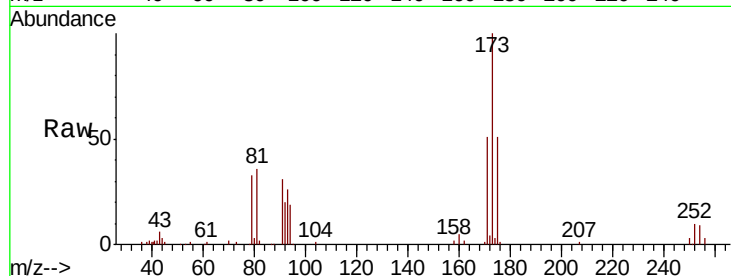
Tot Ion:173 Resp: 74644

Ion Ratio Lower Upper

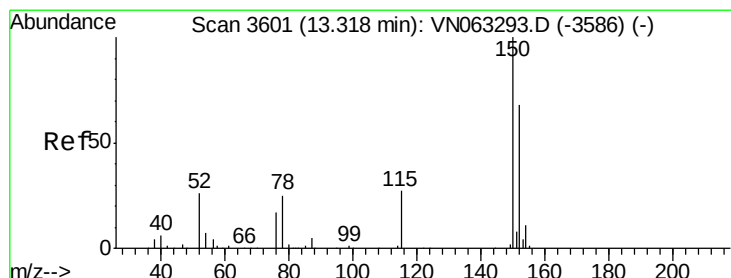
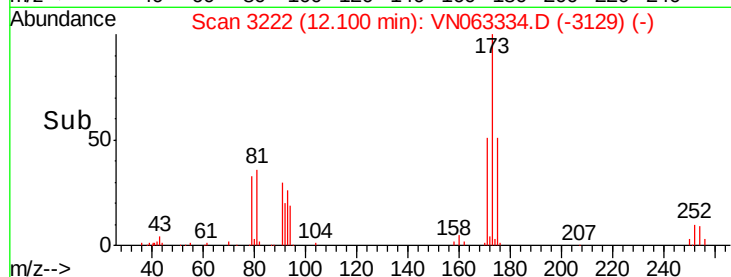
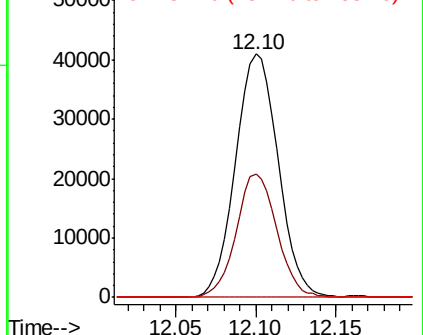
173 100

175 47.9 23.8 71.5

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: VN063334.D

Acq: 14 Sep 2020 11:38

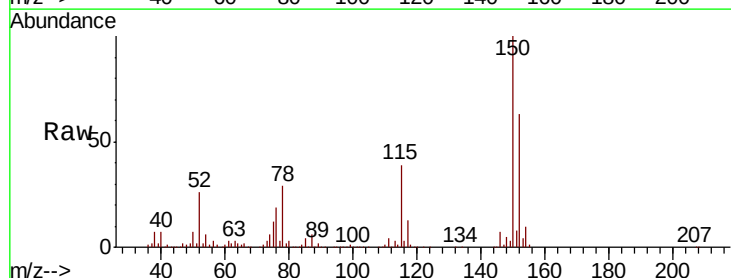
Tgt Ion:152 Resp: 339243

Ion Ratio Lower Upper

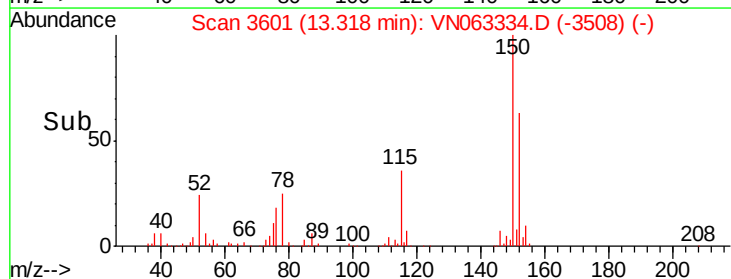
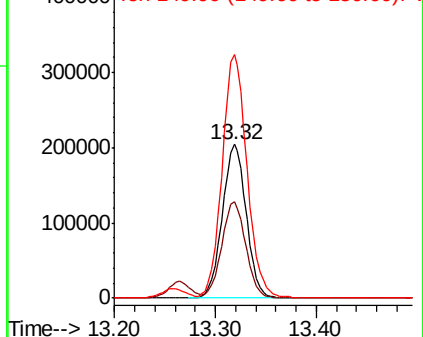
152 100

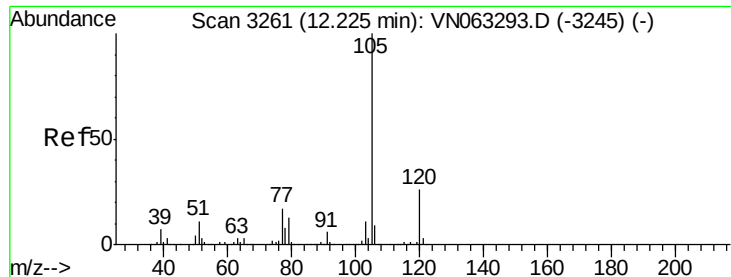
115 62.6 31.5 94.5

150 164.2 0.0 344.0



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





#73

Isopropylbenzene

Concen: 18.868 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

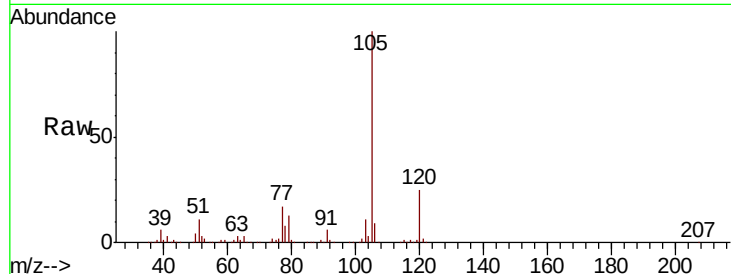
VN0914WBS01

Tot Ion:105 Resp: 516291

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

300000

200000

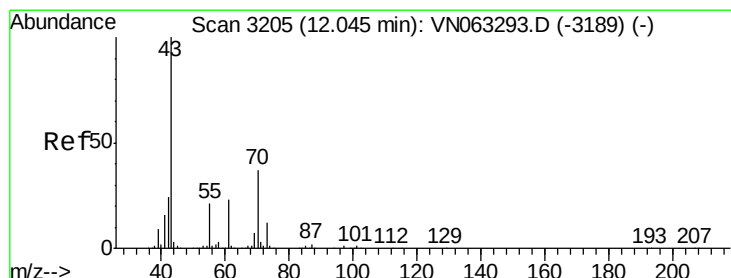
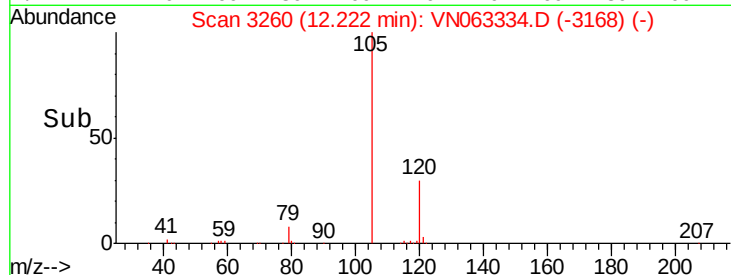
100000

0

Time-->

12.20

12.30



#74

N-ethyl acetate

Concen: 18.923 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion: 43 Resp: 212585

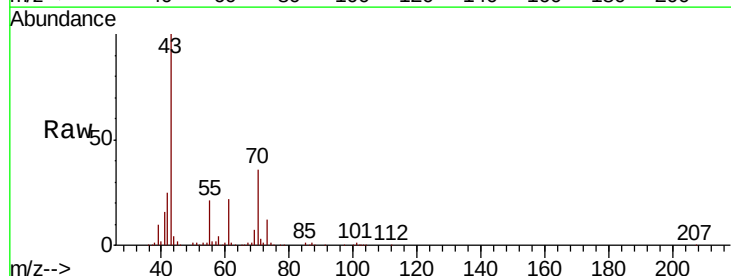
Ion Ratio Lower Upper

43 100

70 36.1 29.3 43.9

55 21.7 17.0 25.6

61 21.7 17.8 26.6



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

200000

150000

100000

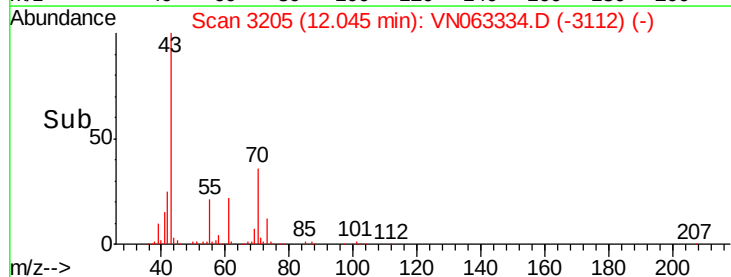
50000

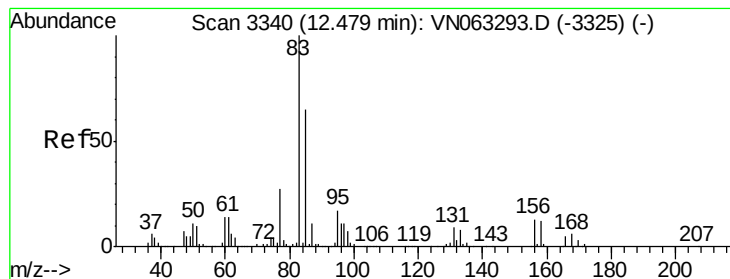
0

Time-->

12.00

12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 18.865 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

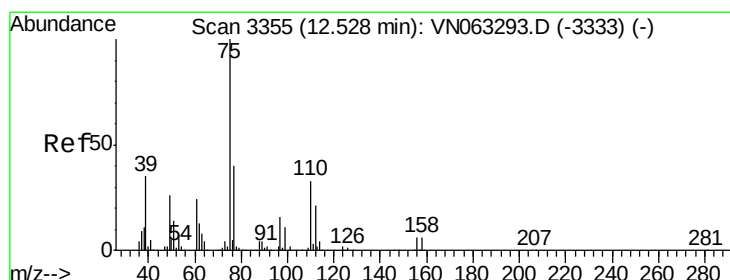
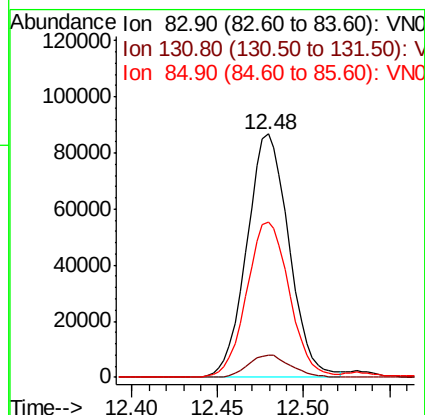
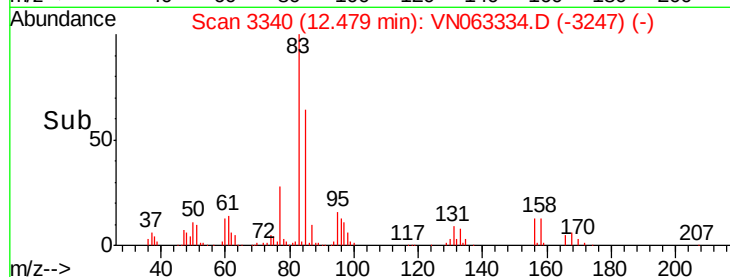
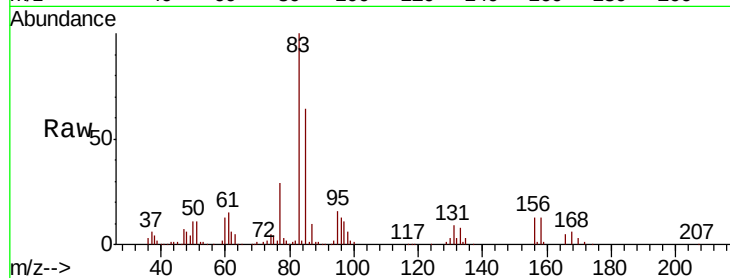
Tot Ion: 83 Resp: 147836

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 27.452 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063334.D

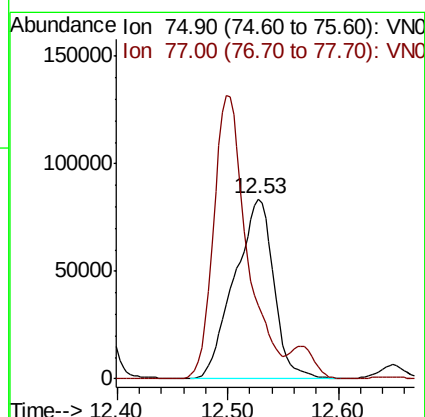
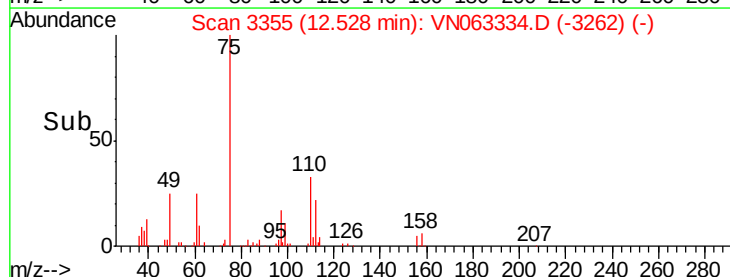
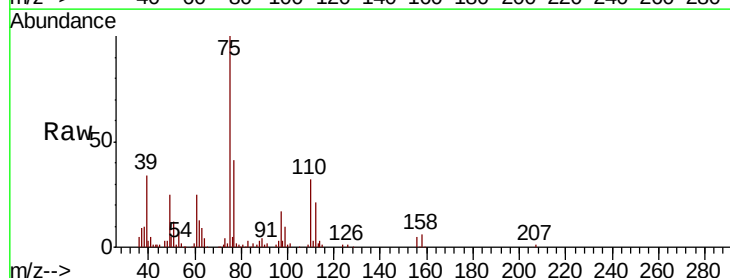
Acq: 14 Sep 2020 11:38

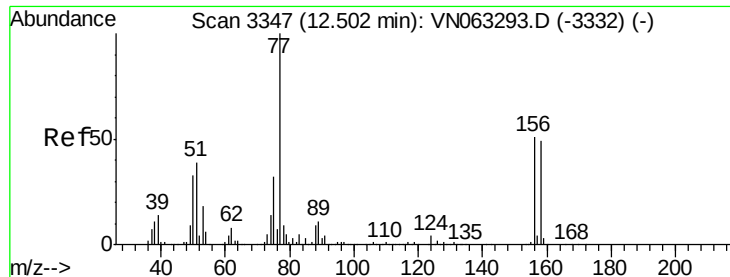
Tgt Ion: 75 Resp: 205460

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.505 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS01

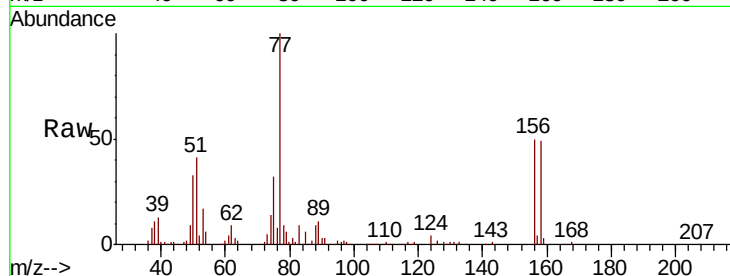
Tot Ion:156 Resp: 116394

Ion Ratio Lower Upper

156 100

77 237.2 117.4 352.2

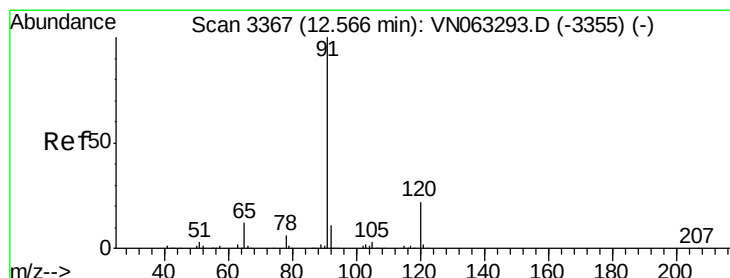
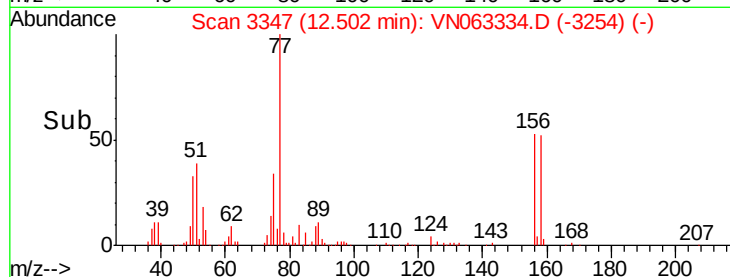
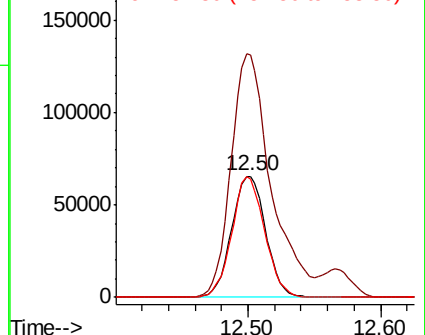
158 96.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.260 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063334.D

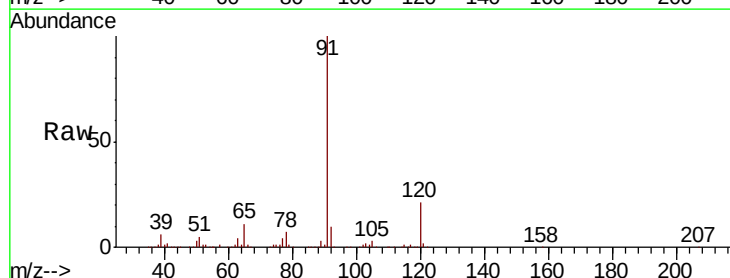
Acq: 14 Sep 2020 11:38

Tgt Ion: 91 Resp: 598710

Ion Ratio Lower Upper

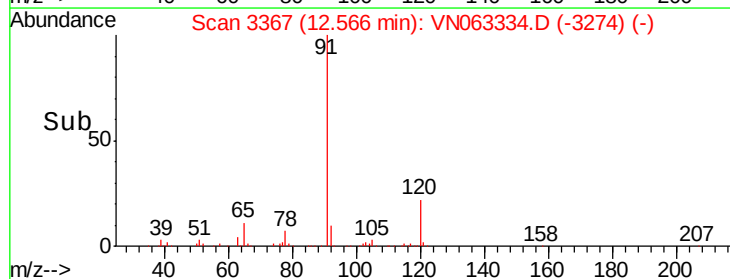
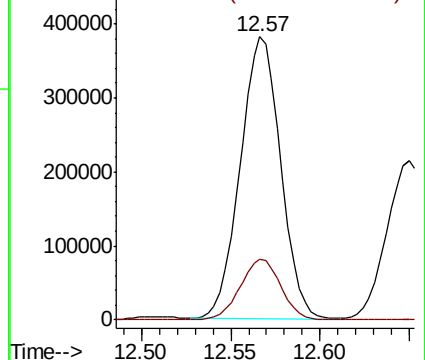
91 100

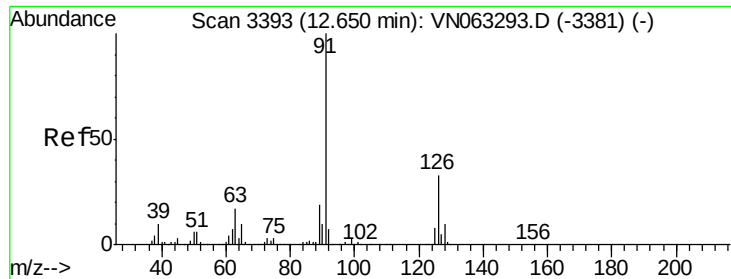
120 21.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

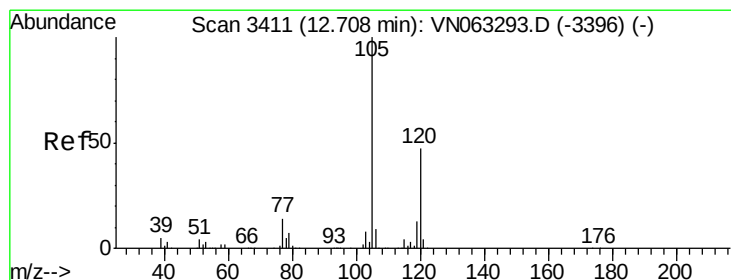
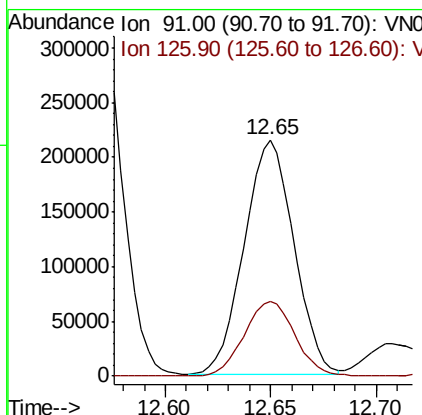
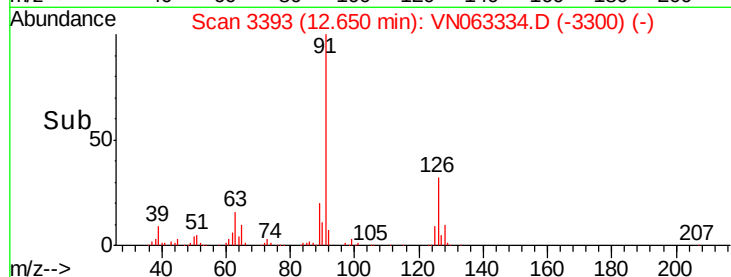
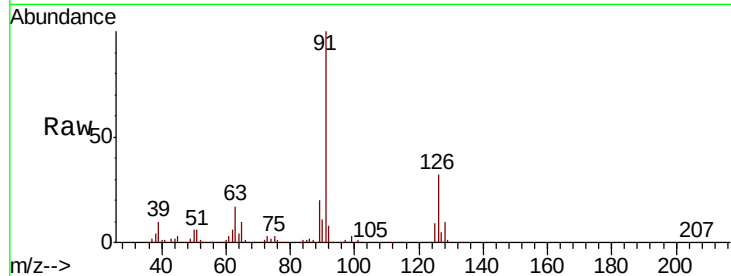




#79
 2-Chlorotoluene
 Concen: 18.503 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

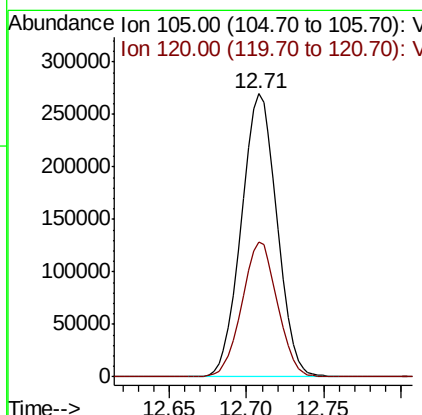
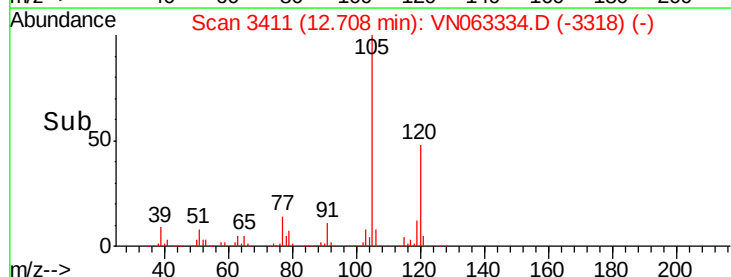
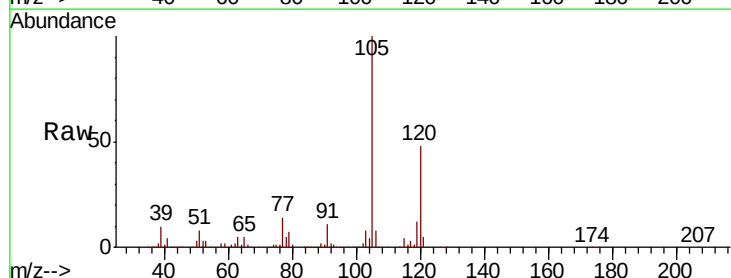
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

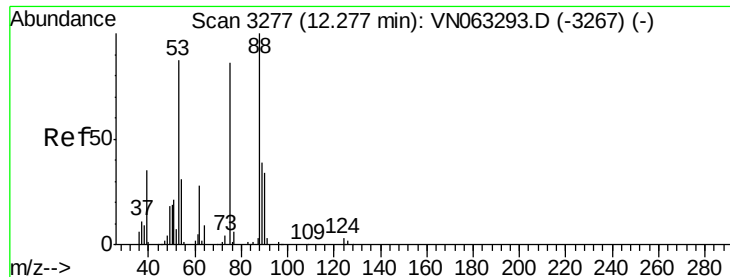
Tot Ion: 91 Resp: 353653
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.032 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 105 Resp: 432438
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.174 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

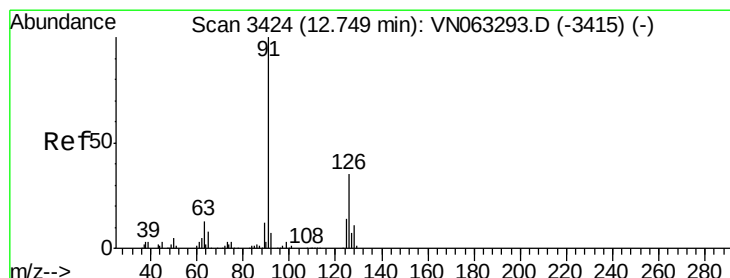
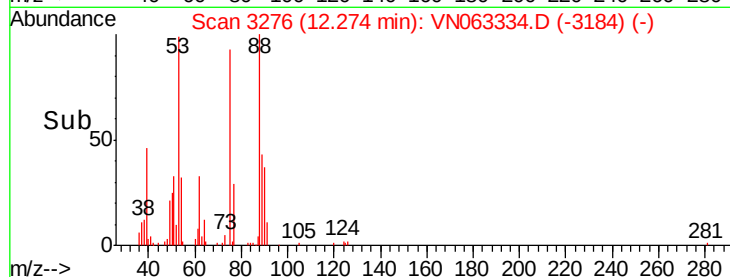
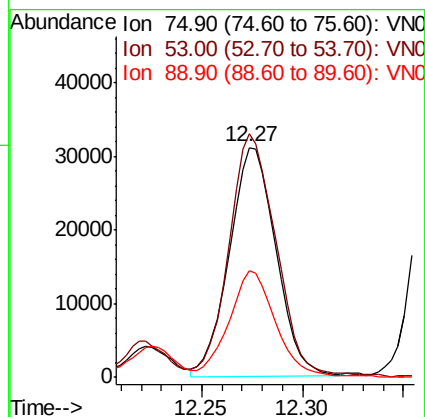
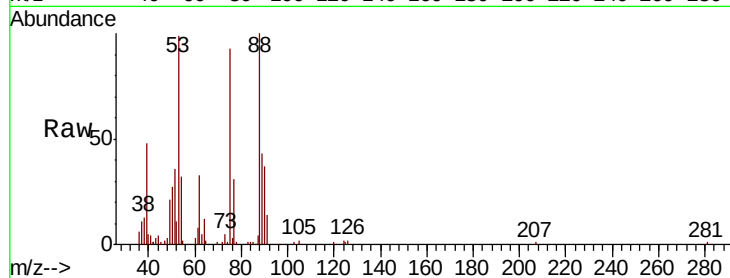
Tot Ion: 75 Resp: 50623

Ion Ratio Lower Upper

75 100

53 107.5 81.8 122.8

89 45.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 18.172 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063334.D

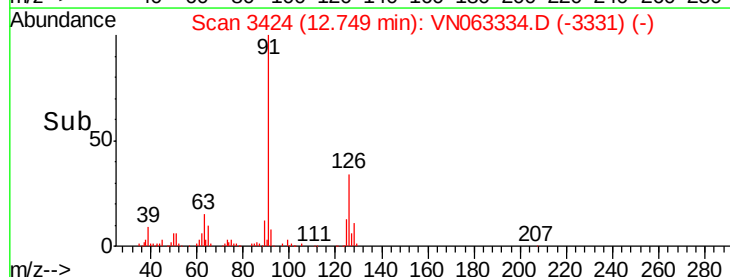
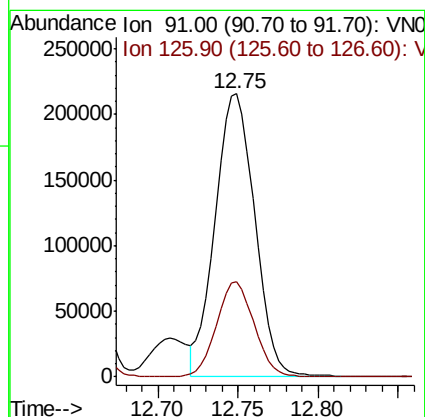
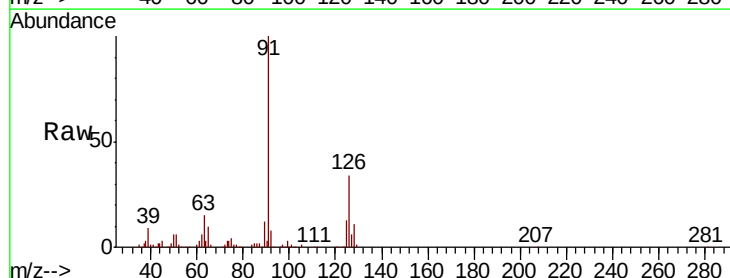
Acq: 14 Sep 2020 11:38

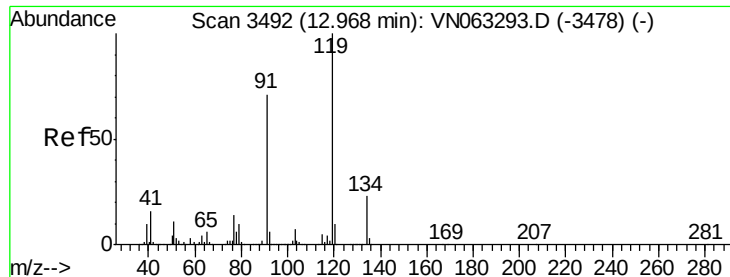
Tgt Ion: 91 Resp: 364093

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.7





#83

tert-Butylbenzene

Concen: 18.254 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

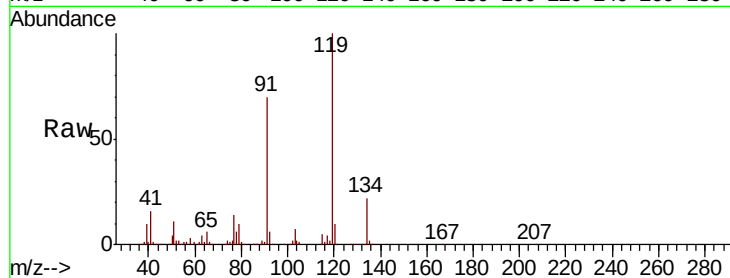
Tot Ion:119 Resp: 351744

Ion Ratio Lower Upper

119 100

91 70.6 34.8 104.3

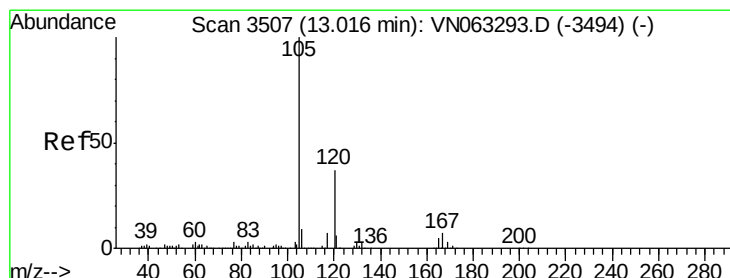
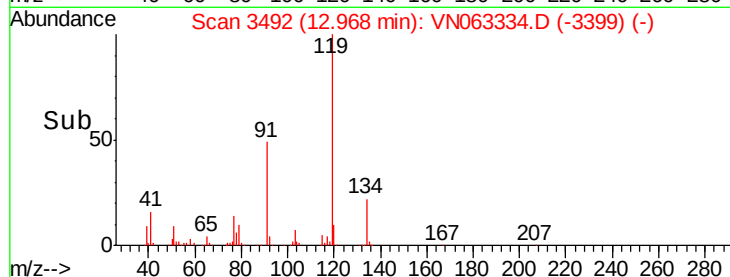
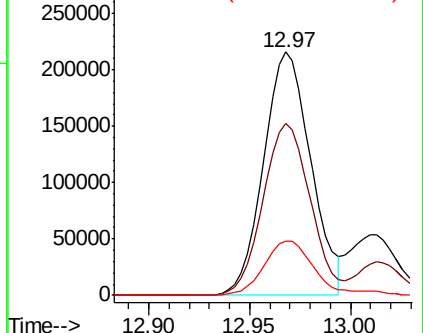
134 24.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.806 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063334.D

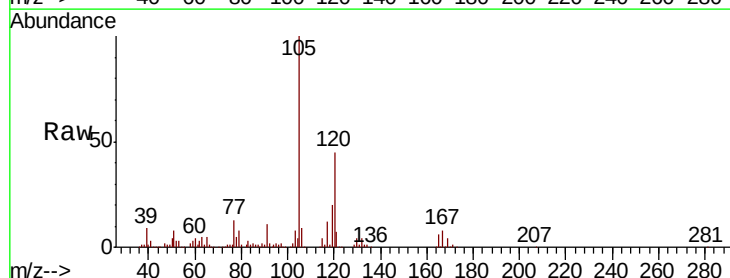
Acq: 14 Sep 2020 11:38

Tgt Ion:105 Resp: 430701

Ion Ratio Lower Upper

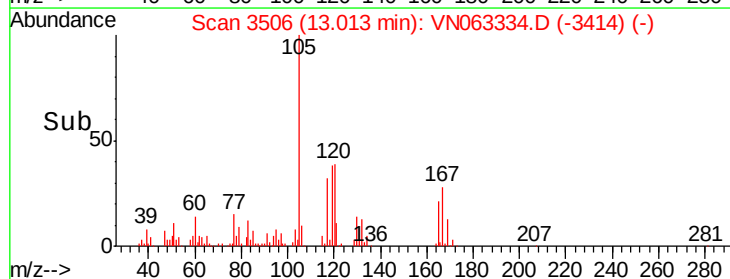
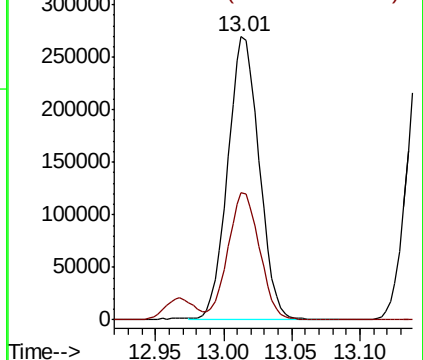
105 100

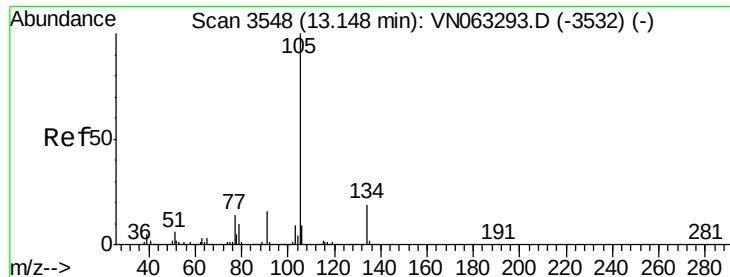
120 44.9 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.143 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

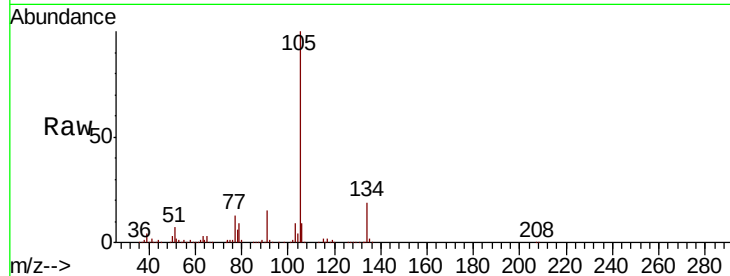
VN0914WBS01

Tot Ion:105 Resp: 469302

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

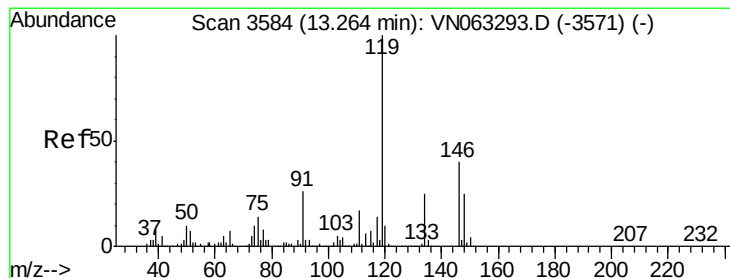
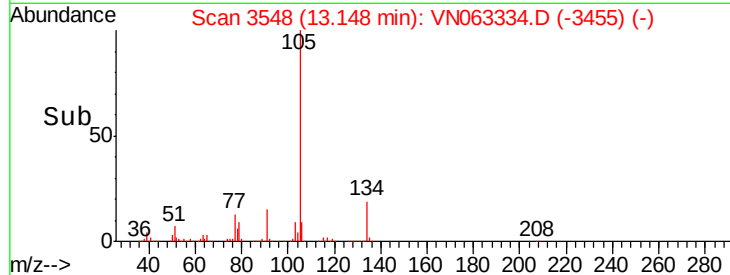
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 18.704 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

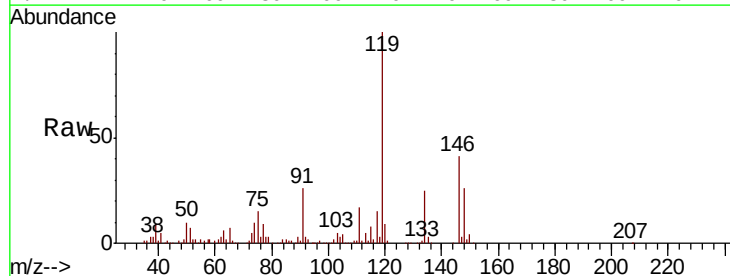
Tgt Ion:119 Resp: 420378

Ion Ratio Lower Upper

119 100

134 24.5 12.6 37.8

91 25.4 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

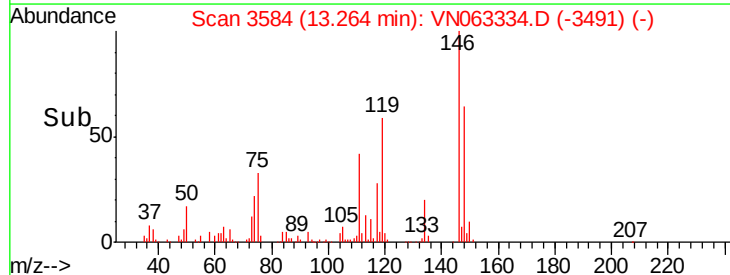
300000

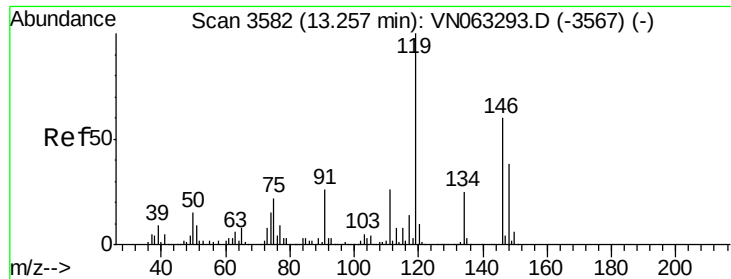
200000

100000

0

Time--> 13.20 13.30

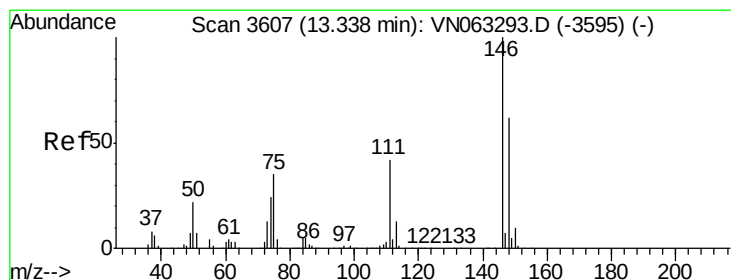
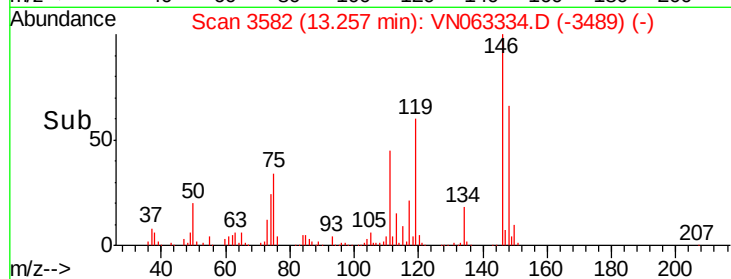
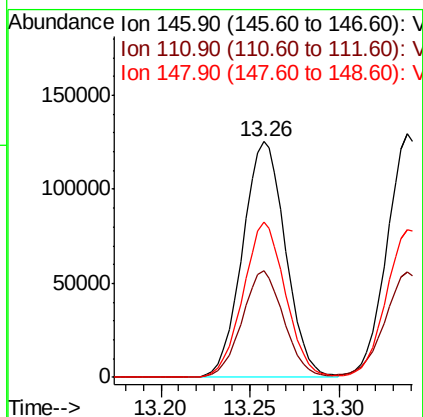
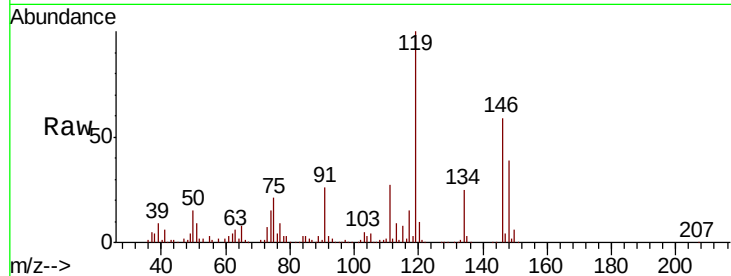




#87
 1,3-Dichlorobenzene
 Concen: 18.341 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

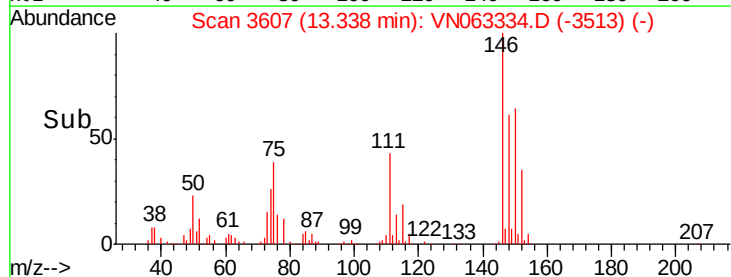
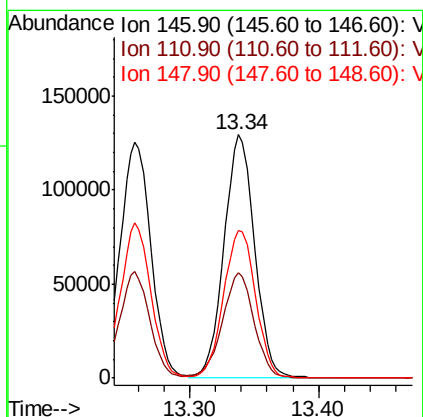
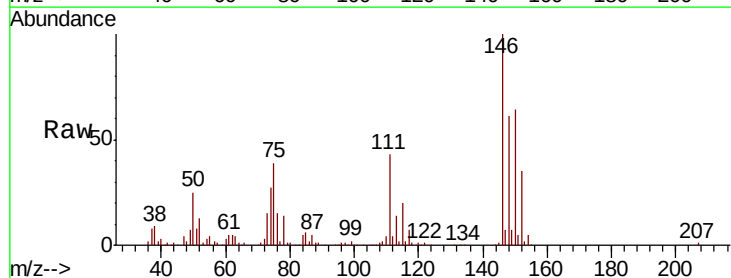
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

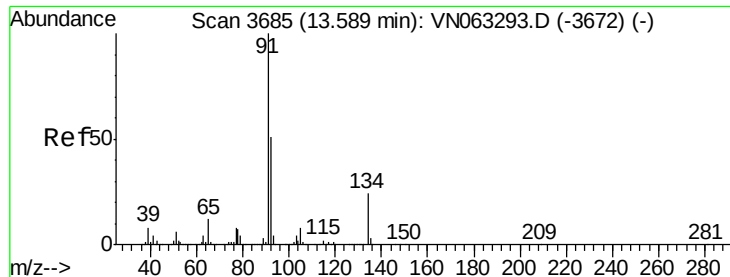
Tot Ion:146 Resp: 210898
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.4
 148 64.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.619 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion:146 Resp: 211761
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.3 64.0
 148 64.0 31.5 94.5

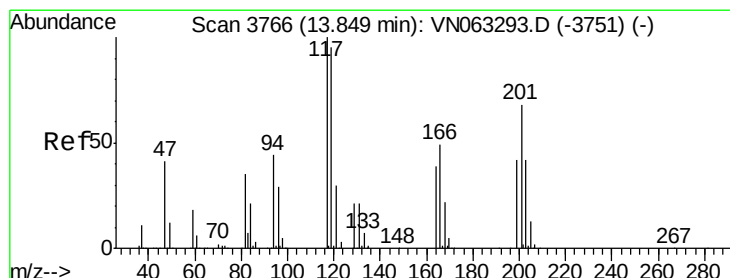
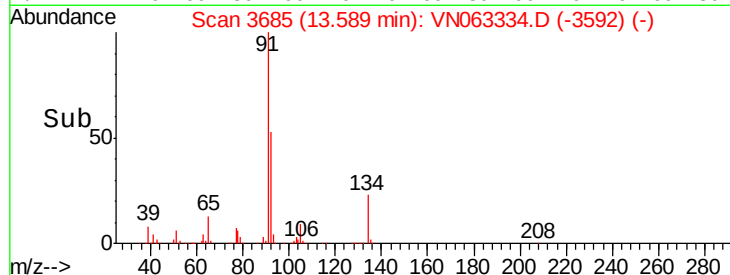
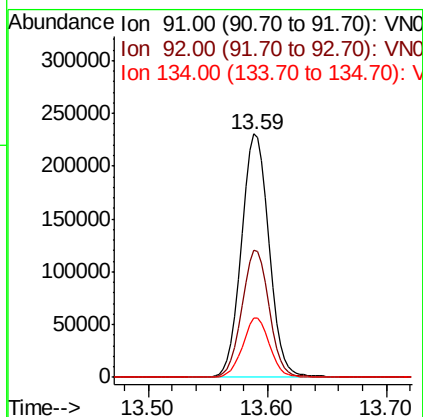
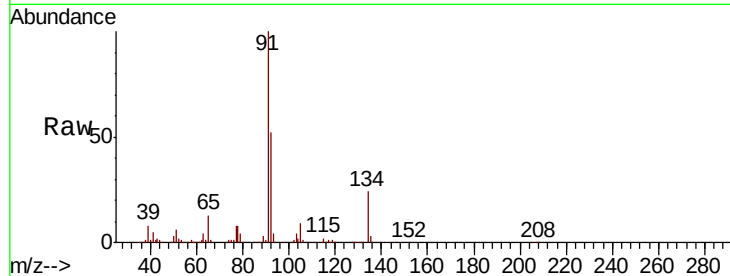




#89
n-Butylbenzene
Concen: 18.301 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

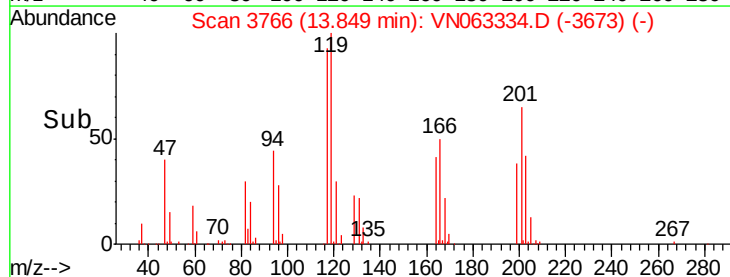
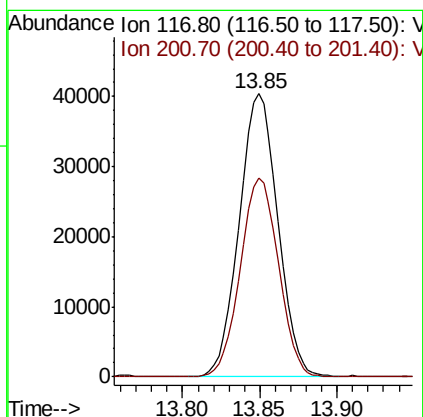
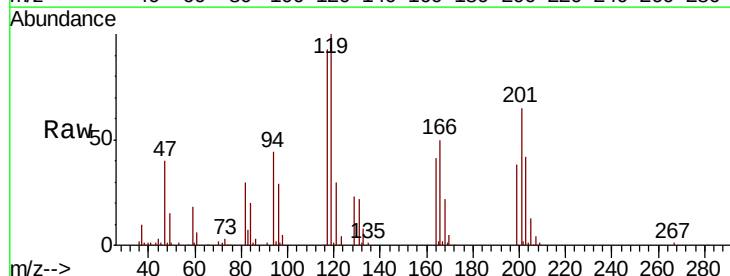
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

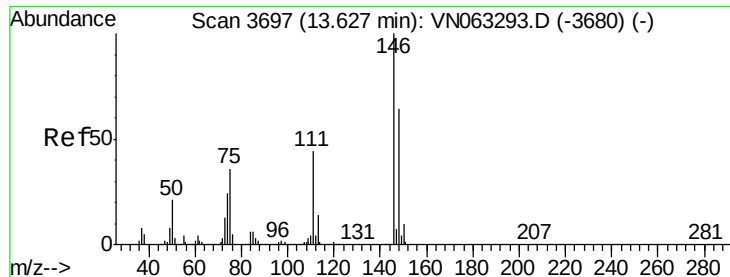
Tot Ion: 91 Resp: 371309
Ion Ratio Lower Upper
91 100
92 51.6 25.8 77.3
134 23.9 12.0 36.0



#90
Hexachloroethane
Concen: 19.022 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 117 Resp: 70322
Ion Ratio Lower Upper
117 100
201 69.4 33.5 100.4





#91

1,2-Dichlorobenzene

Concen: 18.584 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

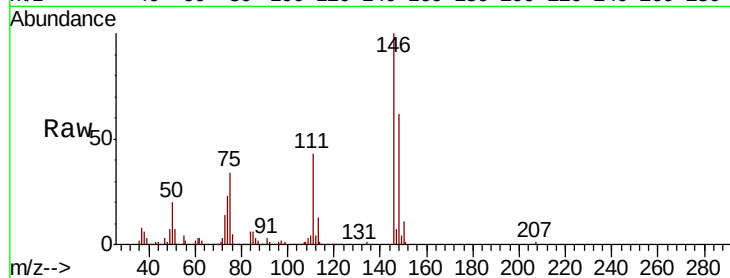
Tot Ion:146 Resp: 211209

Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.5

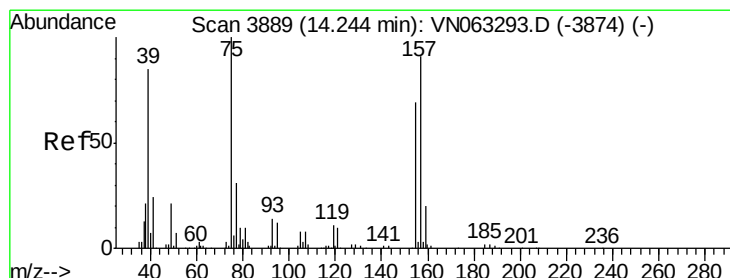
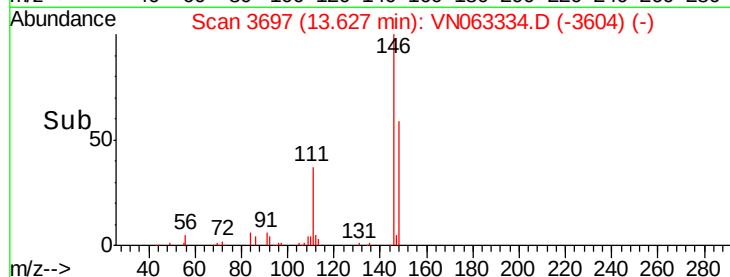
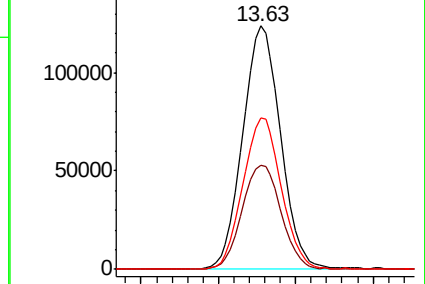
148 62.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.492 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

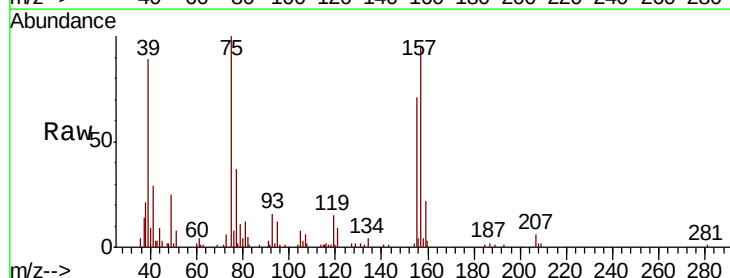
Tgt Ion: 75 Resp: 31171

Ion Ratio Lower Upper

75 100

155 69.9 35.3 105.7

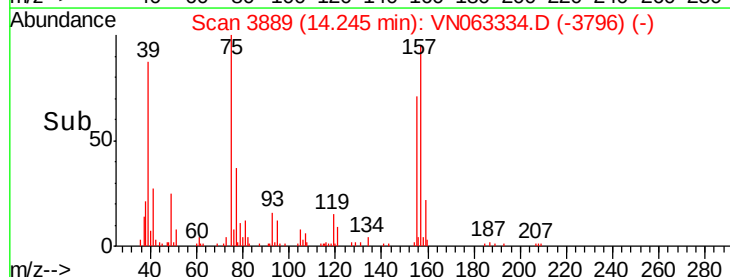
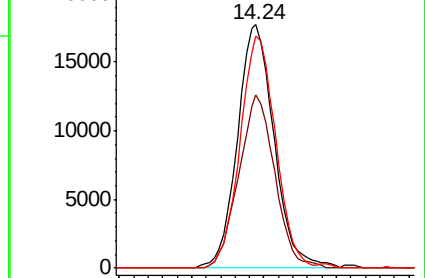
157 92.7 46.7 140.0

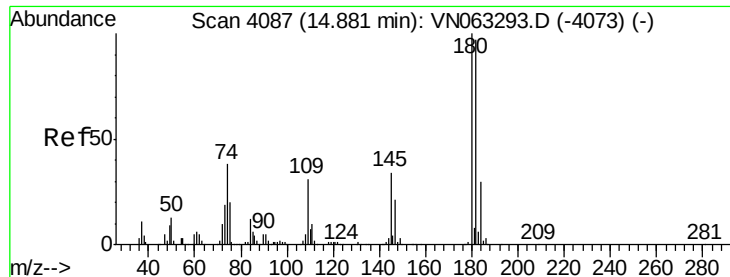


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

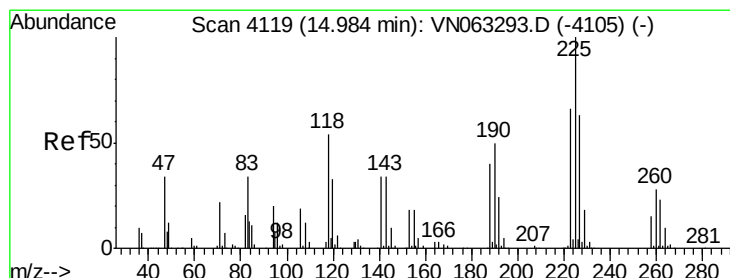
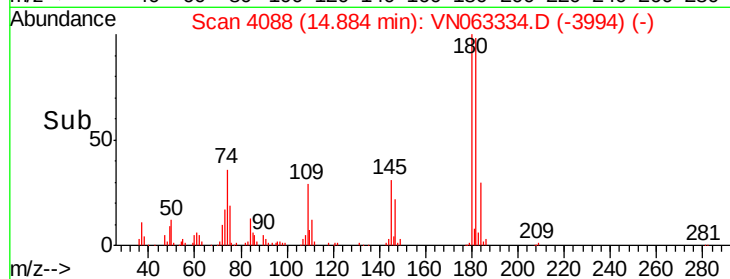
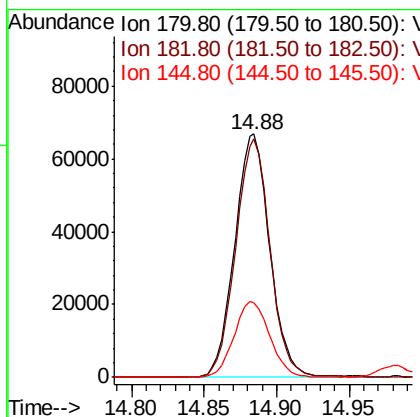
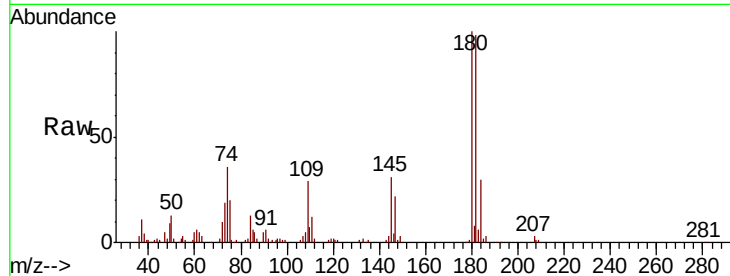




#93
 1,2,4-Trichlorobenzene
 Concen: 16.821 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

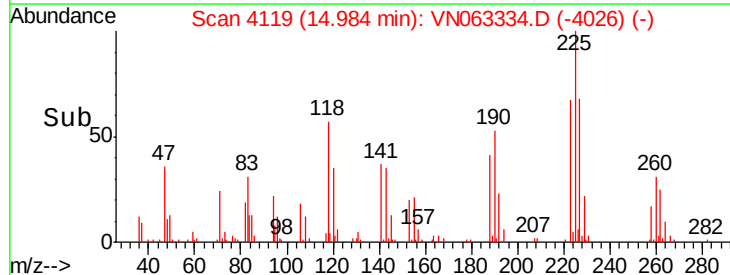
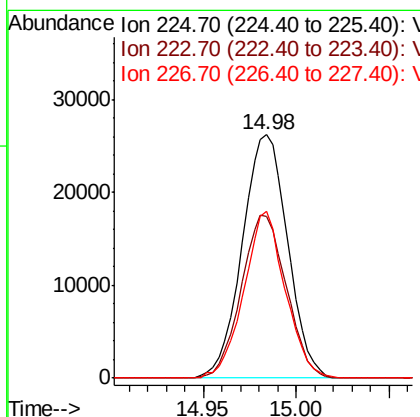
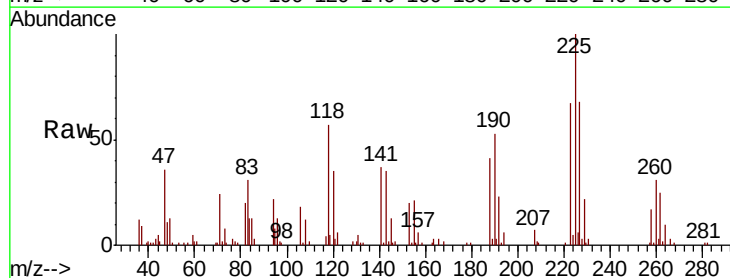
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

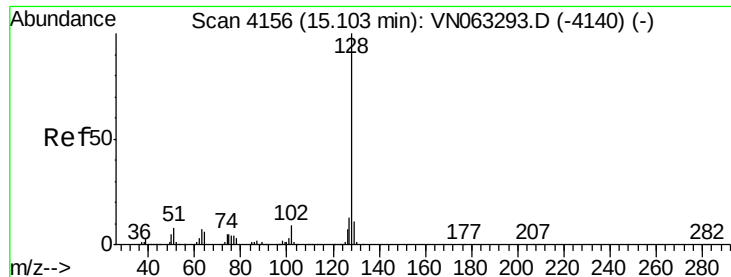
Tot Ion:180 Resp: 111900
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.0 144.2
 145 32.0 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 17.714 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion:225 Resp: 44442
 Ion Ratio Lower Upper
 225 100
 223 66.5 31.3 93.9
 227 62.4 31.2 93.6





#95

Naphthalene

Concen: 16.587 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

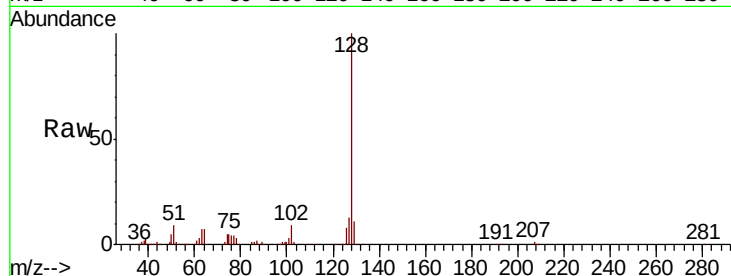
Tot Ion:128 Resp: 338753

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.3 8.6 12.8

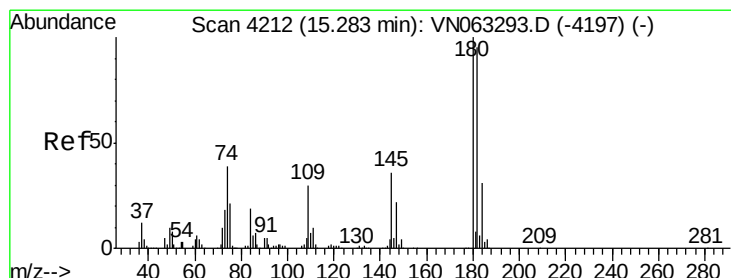
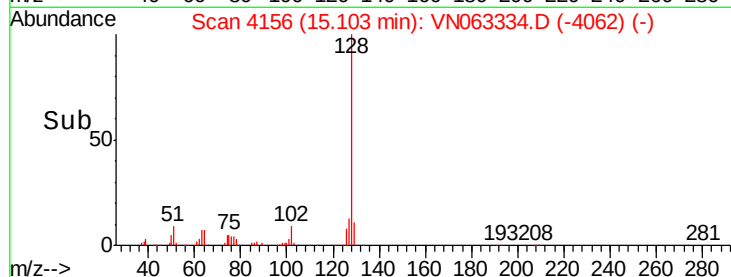
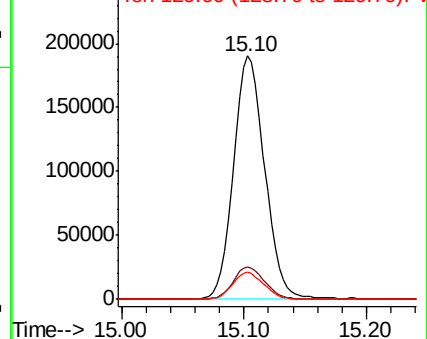


Abundance

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: 17.670 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

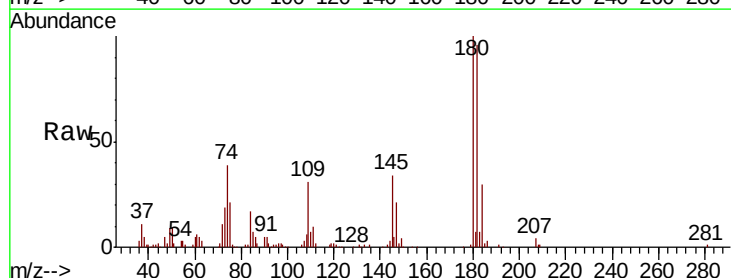
Tgt Ion:180 Resp: 108742

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 34.8 17.2 51.6



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

