

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069343.D
 Acq On : 04 Jun 2021 13:29
 Operator : VA/SY
 Sample : M2583-02
 Misc : 5.08G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 54-57S

Quant Time: Jun 05 00:34:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	242127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	466638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	292528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	71932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158493	68.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.440%	
35) Dibromofluoromethane	7.914	113	164014	55.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.940%	
50) Toluene-d8	10.338	98	435043	40.826	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.660%	
62) 4-Bromofluorobenzene	12.626	95	102519	29.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 58.720%	

Target Compounds			Qvalue			
4) Vinyl Chloride	2.344	62	2100	1.071	ug/l #	67
5) Bromomethane	2.773	94	1473	1.030	ug/l #	74
7) Trichlorofluoromethane	3.273	101	5038	1.105	ug/l #	74
10) Methyl Iodide	4.315	142	1883	3.163	ug/l #	64
11) Tert butyl alcohol	5.203	59	2553	Below Cal	#	89
12) 1,1-Dichloroethene	4.073	96	2678	1.103	ug/l #	51
13) Acrolein	3.915	56	120	17.865	ug/l #	16
16) Acetone	4.156	43	213750	527.221	ug/l	100
17) Carbon Disulfide	4.409	76	39974	4.978	ug/l	96
20) Methylene Chloride	4.962	84	27825	3.029	ug/l	92
23) Vinyl Acetate	6.314	43	399	11.718	ug/l #	67
24) 1,1-Dichloroethane	6.267	63	5575	1.184	ug/l #	81
25) 2-Butanone	7.208	43	58339	109.354	ug/l	95
29) Tetrahydrofuran	7.573	42	690	2.250	ug/l #	54
31) Cyclohexane	7.956	56	79968	21.662	ug/l #	41
37) Ethyl Acetate	7.208	43	58339	37.880	ug/l #	75
39) Methylcyclohexane	9.355	83	26270	5.662	ug/l	90
40) Benzene	8.350	78	28728	2.181	ug/l	99
41) Methacrylonitrile	7.526	41	1934	2.587	ug/l #	22
43) Isopropyl Acetate	8.450	43	25941	9.255	ug/l #	46
48) Methyl methacrylate	9.414	41	3425	2.632	ug/l #	26
51) 4-Methyl-2-Pentanone	10.226	43	85864	59.311	ug/l	97
52) Toluene	10.402	92	708132	85.166	ug/l	98
55) 1,1,2-Trichloroethane	10.767	97	3689	1.483	ug/l #	24
56) Ethyl methacrylate	10.655	69	394	2.769	ug/l #	31
59) 2-Hexanone	10.979	43	14873	15.369	ug/l	79
64) Tetrachloroethene	10.873	164	2651	1.302	ug/l #	69
67) Ethyl Benzene	11.744	91	63167	6.150	ug/l	98
68) m/p-Xylenes	11.844	106	124621	30.966	ug/l	99
69) o-Xylene	12.179	106	75322	21.162	ug/l	100
70) Styrene	12.191	104	67138	10.866	ug/l	93
73) Isopropylbenzene	12.479	105	29128	5.917	ug/l	83
74) N-amyl acetate	12.249	43	17767	20.436	ug/l #	43
76) 1,2,3-Trichloropropane	12.626	75	51204	81.931	ug/l #	1
77) Bromobenzene	12.761	156	1478	1.247	ug/l #	15
78) n-propylbenzene	12.814	91	22618	3.746	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

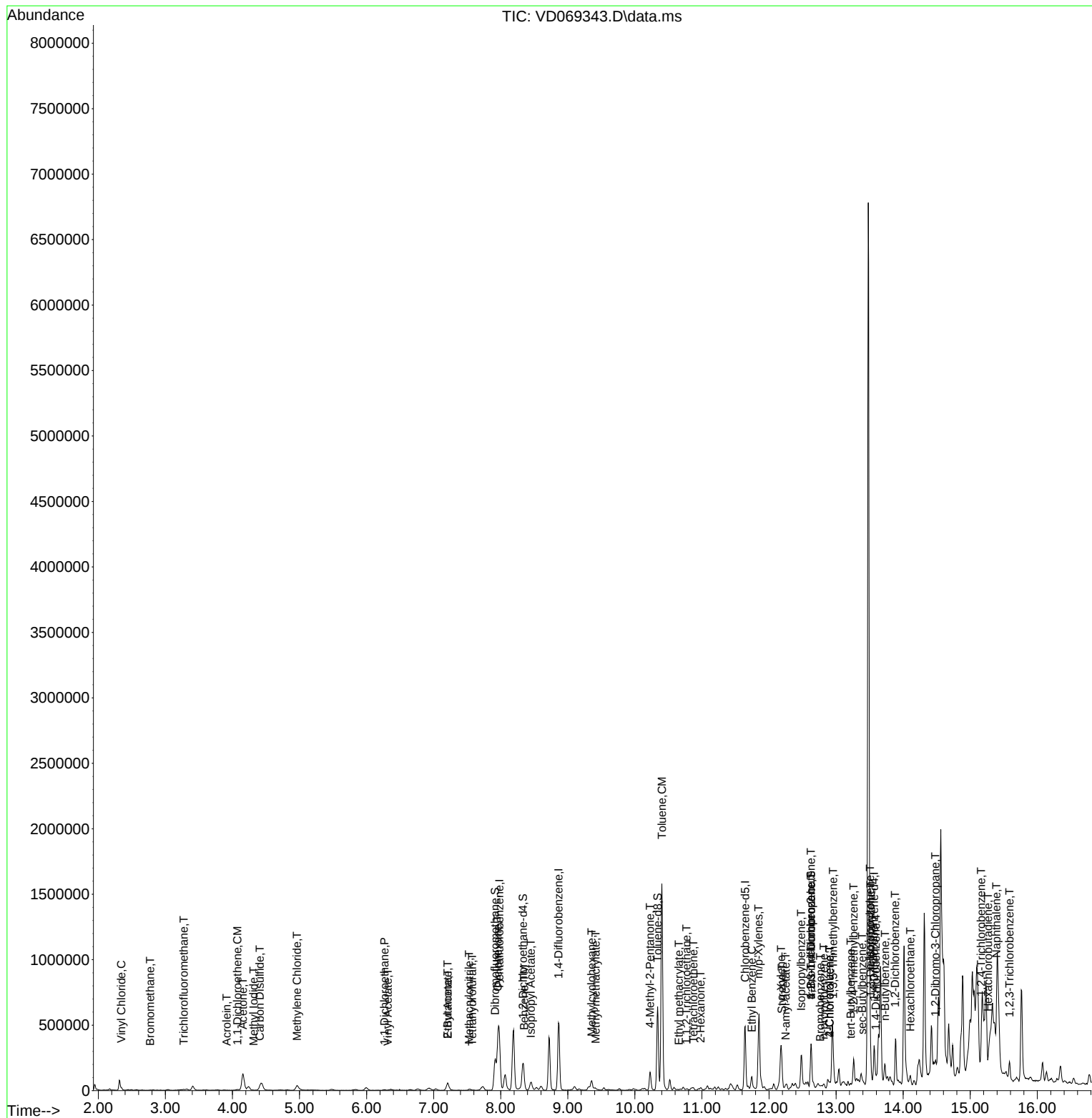
79) 2-Chlorotoluene	12.902	91	11980	3.491	ug/l #	70
80) 1,3,5-Trimethylbenzene	12.955	105	61156	14.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	51204	181.559	ug/l #	18
82) 4-Chlorotoluene	12.902	91	10664	2.953	ug/l	72
83) tert-Butylbenzene	13.220	119	7817	2.239	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.261	105	116223	28.029	ug/l	98
85) sec-Butylbenzene	13.391	105	20557	3.989	ug/l	81
86) p-Isopropyltoluene	13.508	119	262458	58.244	ug/l #	77
87) 1,3-Dichlorobenzene	13.514	146	3000	1.250	ug/l #	48
88) 1,4-Dichlorobenzene	13.591	146	2885	1.206	ug/l #	64
89) n-Butylbenzene	13.732	91	18252	4.329	ug/l	97
90) Hexachloroethane	14.108	117	2838	3.315	ug/l #	54
91) 1,2-Dichlorobenzene	13.879	146	2432	1.176	ug/l #	27
92) 1,2-Dibromo-3-Chloropr...	14.479	75	454	3.101	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.161	180	2171	1.750	ug/l #	83
94) Hexachlorobutadiene	15.267	225	1567	2.012	ug/l	81
95) Naphthalene	15.390	128	24601	12.662	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.585	180	2002	1.834	ug/l #	44

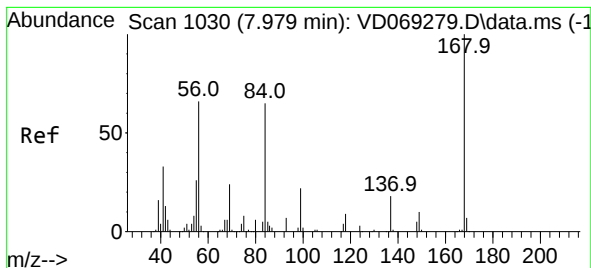
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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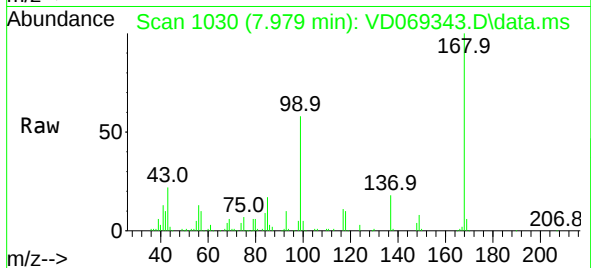
Quant Time: Jun 05 00:34:29 2021
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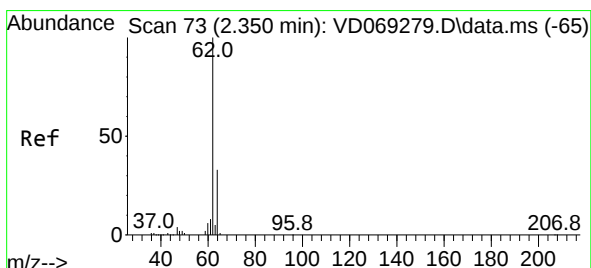
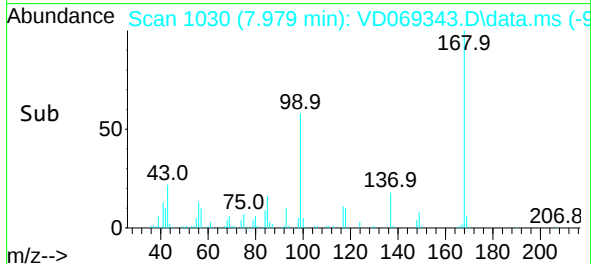
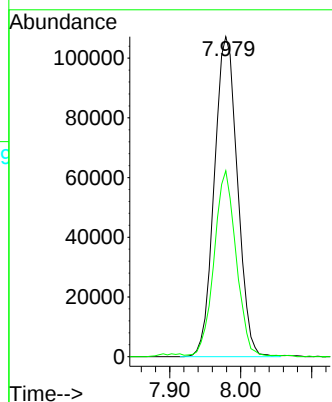


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
54-57S

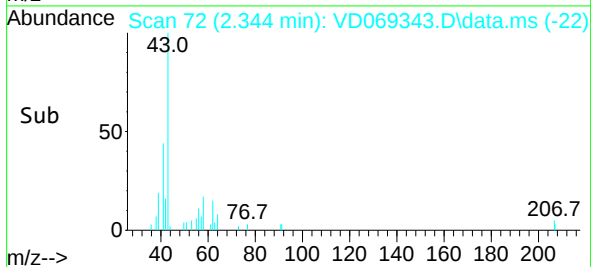
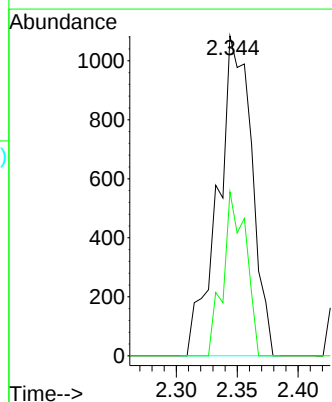
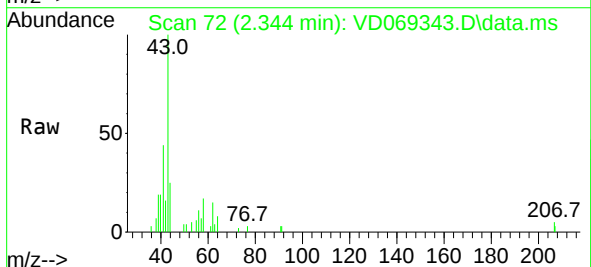


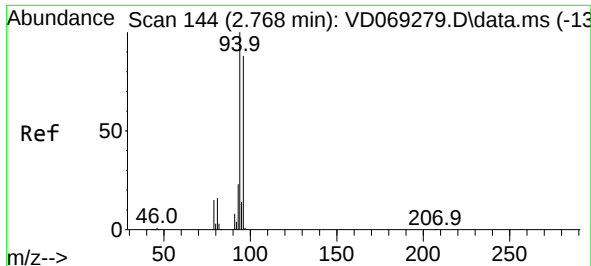
Tgt Ion:168 Resp: 242127
Ion Ratio Lower Upper
168 100
99 57.7 46.2 69.2



#4
Vinyl Chloride
Concen: 1.071 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 62 Resp: 2100
Ion Ratio Lower Upper
62 100
64 51.3 26.2 39.4#

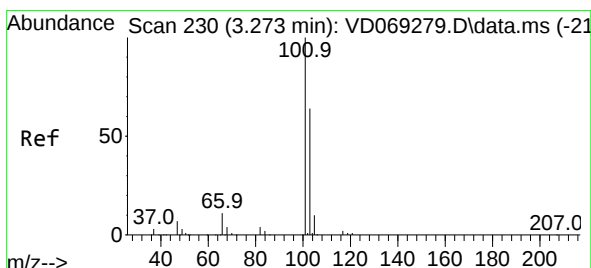
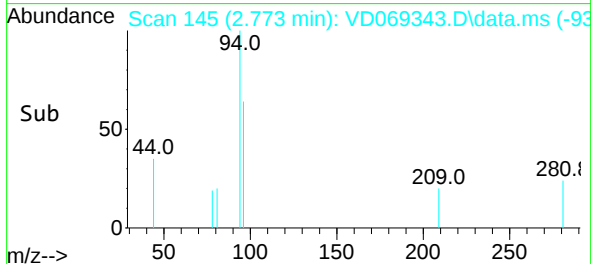
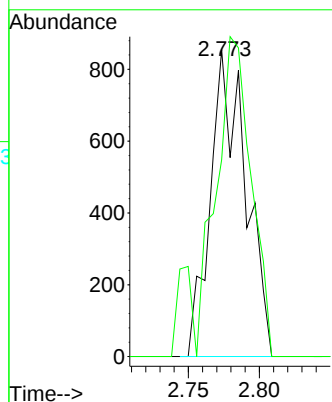
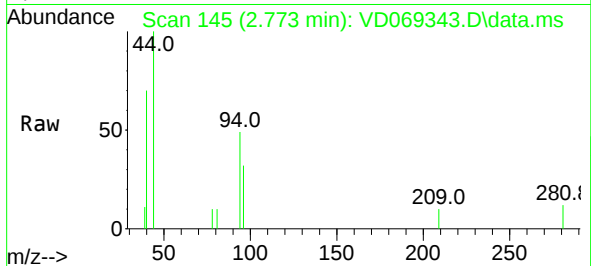




#5
Bromomethane
Concen: 1.030 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

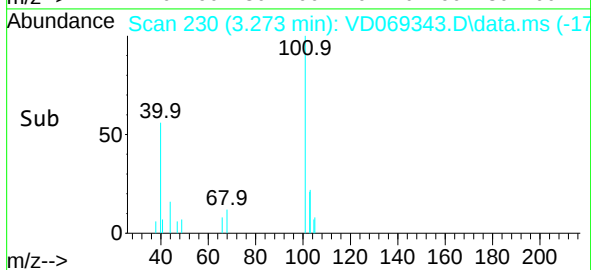
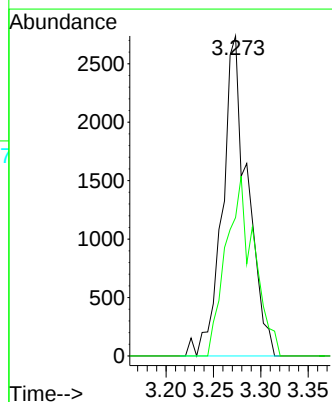
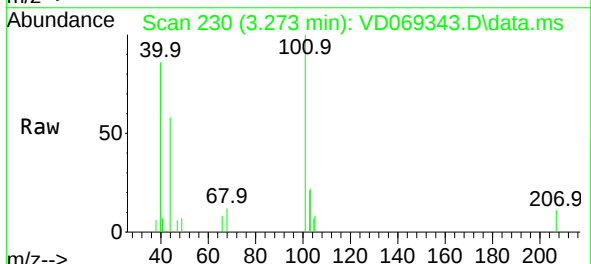
Instrument :
MSVOA_D
ClientSampleId :
54-57S

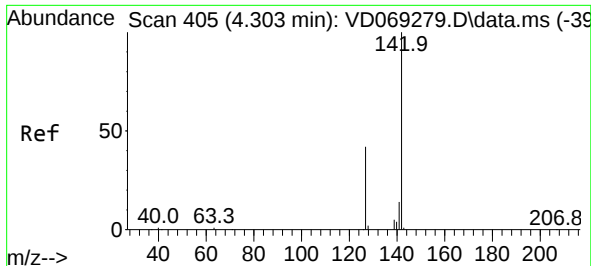
Tgt Ion: 94 Resp: 1473
Ion Ratio Lower Upper
94 100
96 64.1 70.3 105.5#



#7
Trichlorofluoromethane
Concen: 1.105 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

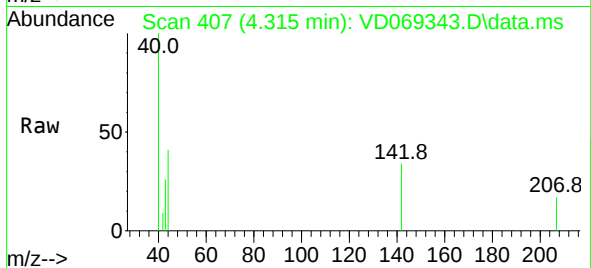
Tgt Ion:101 Resp: 5038
Ion Ratio Lower Upper
101 100
103 43.2 51.0 76.4#



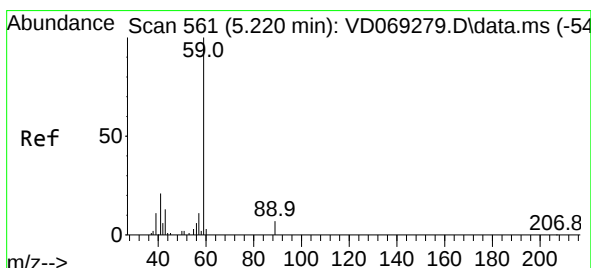
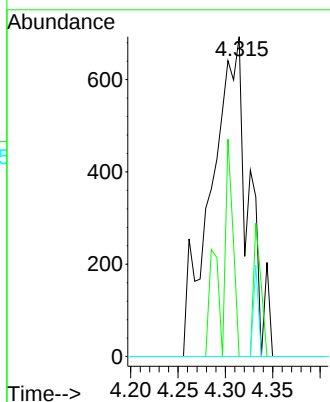
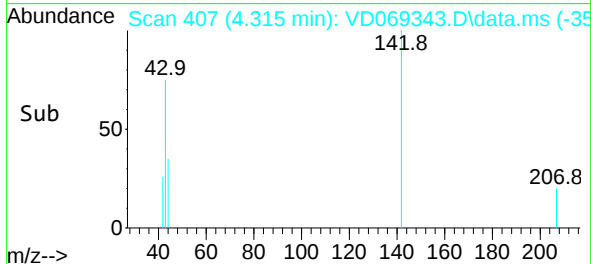


#10
Methyl Iodide
Concen: 3.163 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

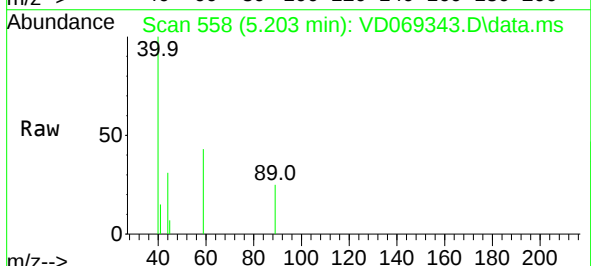
Instrument :
MSVOA_D
ClientSampleId :
54-57S



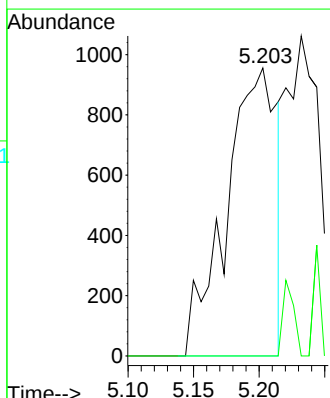
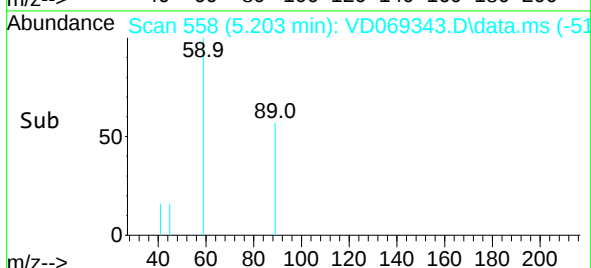
Tgt Ion:142 Resp: 1883
Ion Ratio Lower Upper
142 100
127 21.8 36.2 54.2#
141 0.0 12.2 18.2#

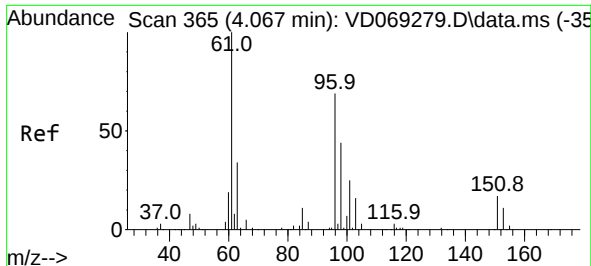


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29



Tgt Ion: 59 Resp: 2553
Ion Ratio Lower Upper
59 100
57 5.8 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.103 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.006 min

Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

Tgt Ion: 96 Resp: 2678

Ion Ratio Lower Upper

96 100

61 80.1 116.5 174.7#

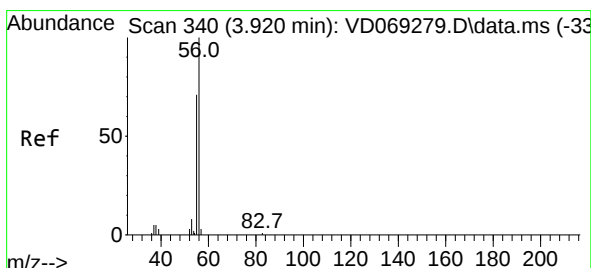
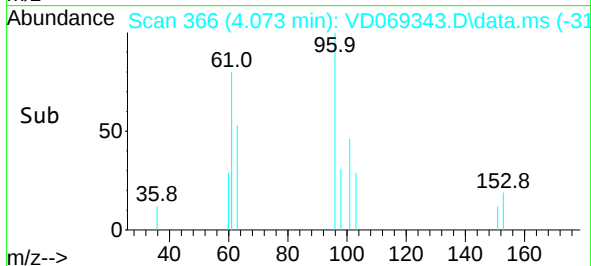
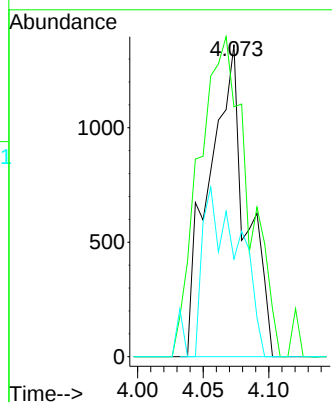
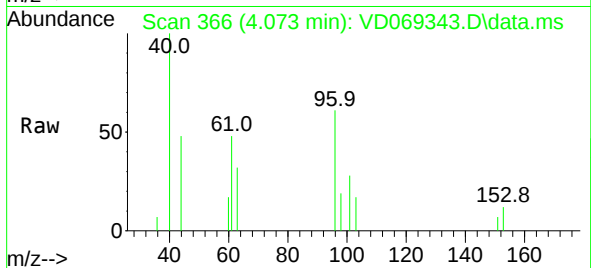
98 31.3 50.8 76.2#

Instrument :

MSVOA_D

ClientSampleId :

54-57S



#13

Acrolein

Concen: 17.865 ug/l

RT: 3.915 min Scan# 339

Delta R.T. -0.005 min

Lab File: VD069343.D

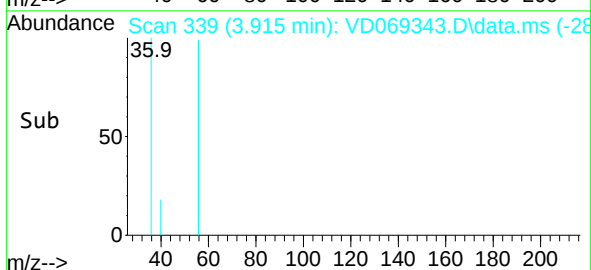
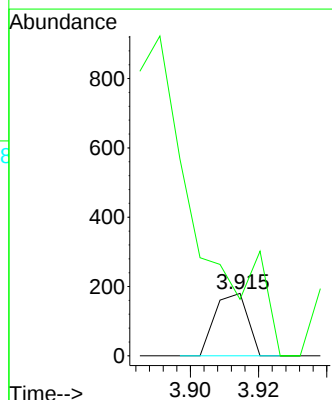
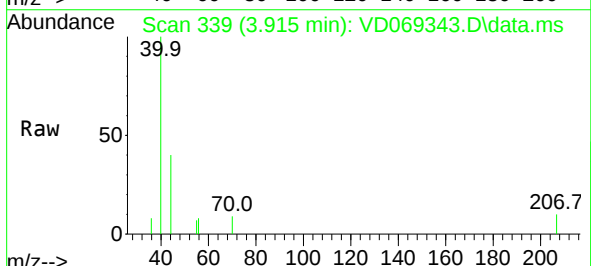
Acq: 04 Jun 2021 13:29

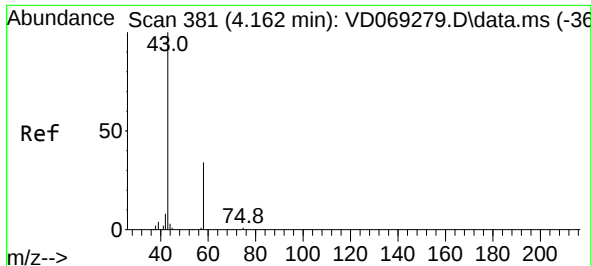
Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

56 100

55 0.0 53.8 80.8#

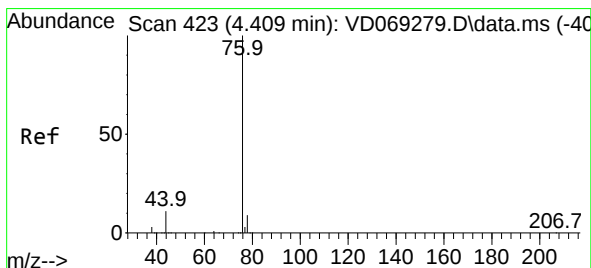
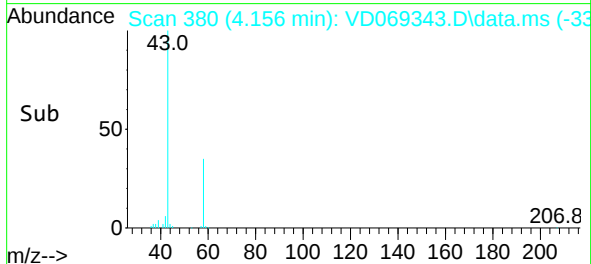
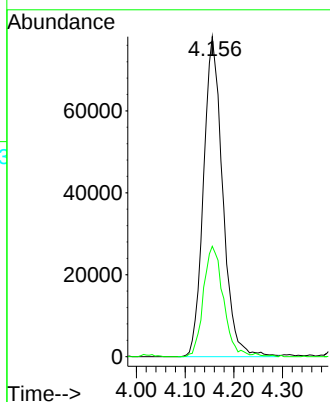
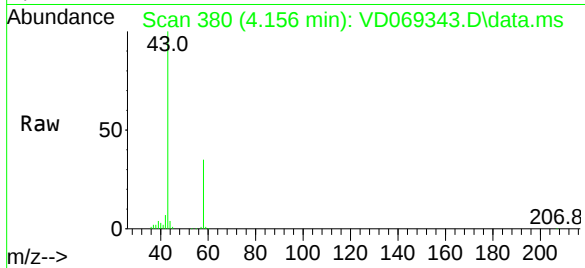




#16
Acetone
Concen: 527.221 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

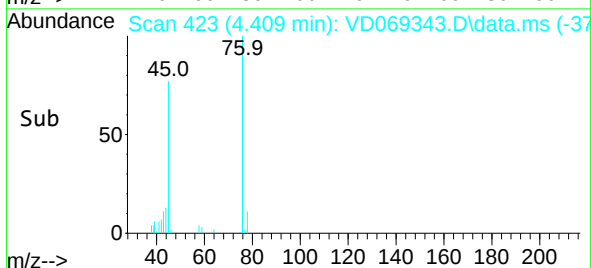
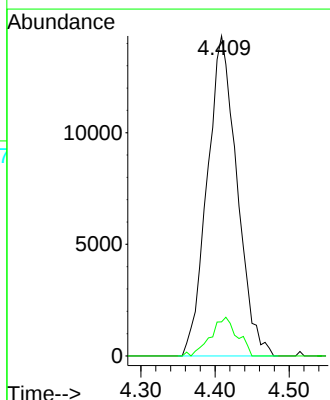
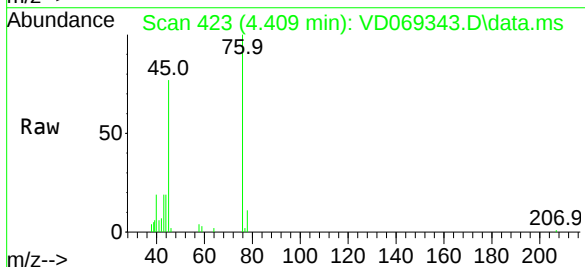
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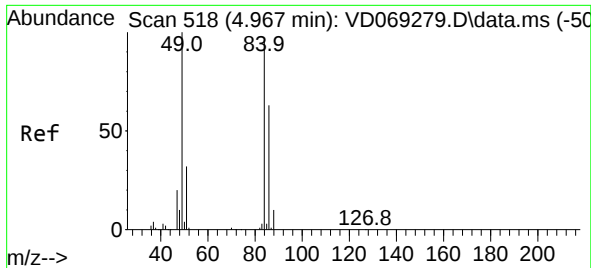
Tgt Ion: 43 Resp: 213750
Ion Ratio Lower Upper
43 100
58 34.5 27.5 41.3



#17
Carbon Disulfide
Concen: 4.978 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 76 Resp: 39974
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0





#20

Methylene Chloride

Concen: 3.029 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.005 min

Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

Tgt Ion: 84 Resp: 27825

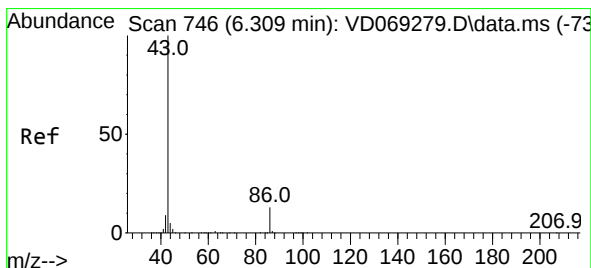
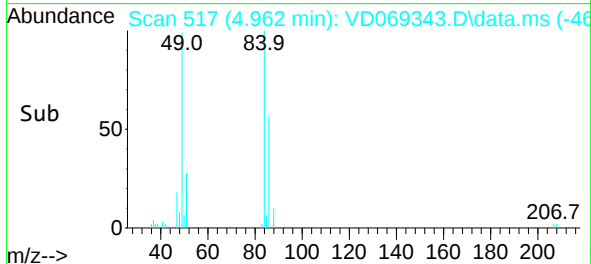
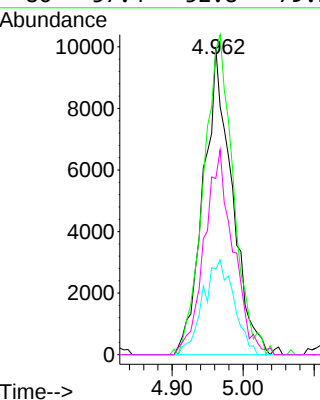
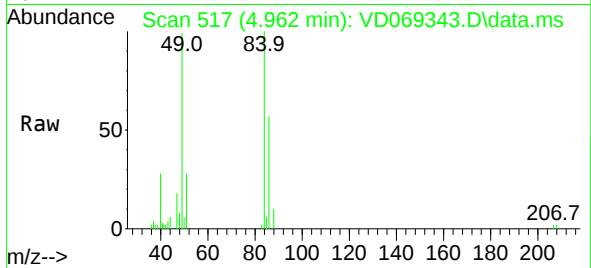
Ion Ratio Lower Upper

84 100

49 99.2 83.7 125.5

51 27.8 26.4 39.6

86 57.4 52.8 79.2



#23

Vinyl Acetate

Concen: 11.718 ug/l

RT: 6.314 min Scan# 747

Delta R.T. 0.005 min

Lab File: VD069343.D

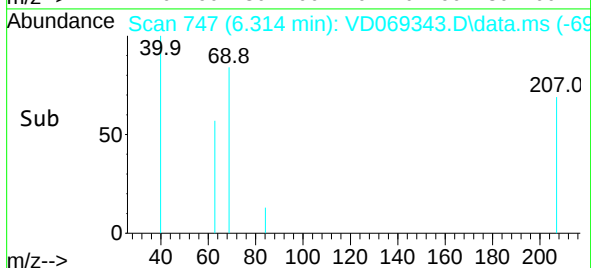
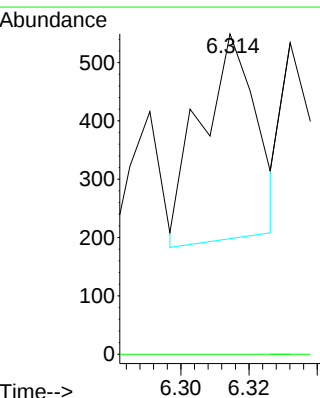
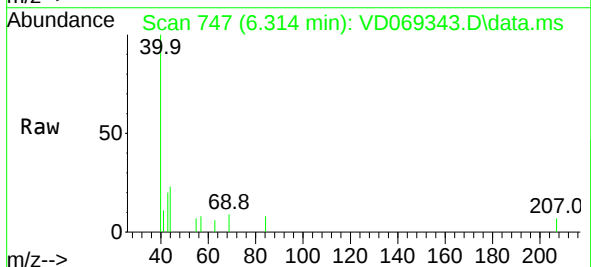
Acq: 04 Jun 2021 13:29

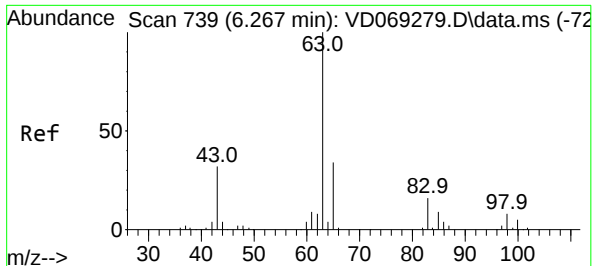
Tgt Ion: 43 Resp: 399

Ion Ratio Lower Upper

43 100

86 0.0 10.5 15.7#

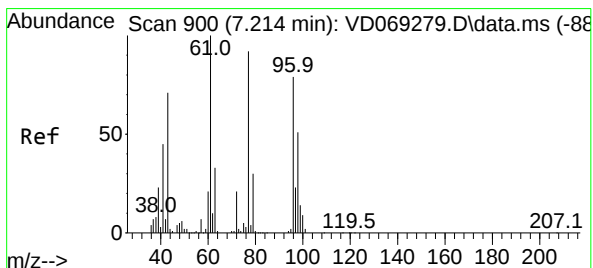
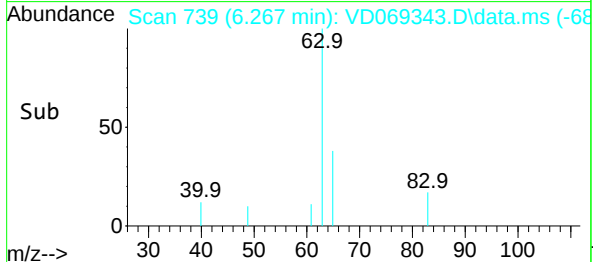
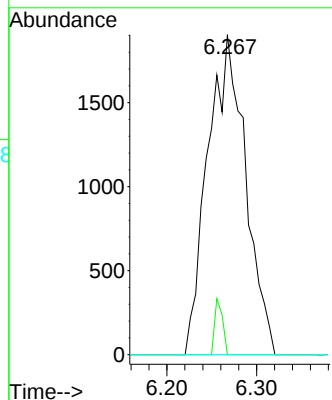
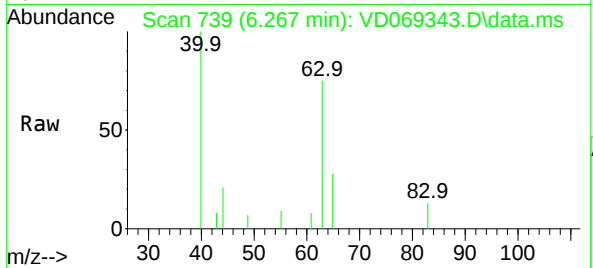




#24
1,1-Dichloroethane
Concen: 1.184 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

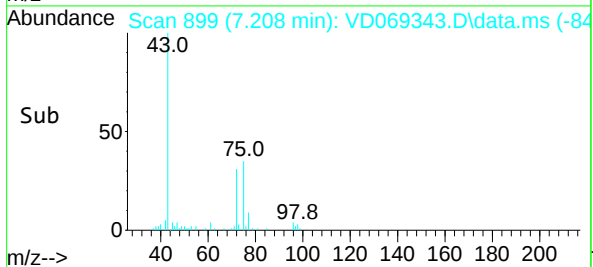
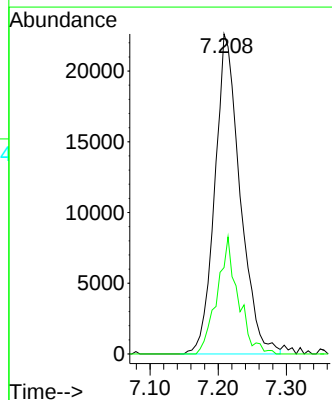
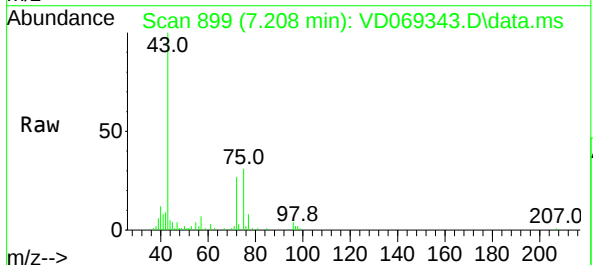
Instrument :
MSVOA_D
ClientSampleId :
54-57S

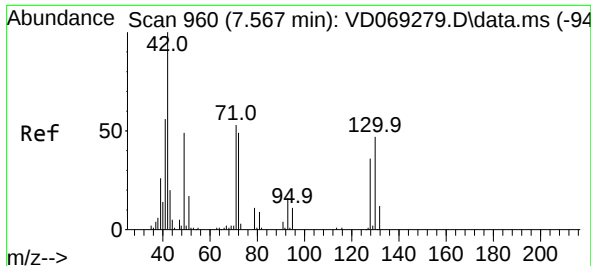
Tgt Ion: 63 Resp: 5575
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.4#
100 0.0 2.6 7.8#



#25
2-Butanone
Concen: 109.354 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 43 Resp: 58339
Ion Ratio Lower Upper
43 100
72 27.0 23.9 35.9





#29

Tetrahydrofuran

Concen: 2.250 ug/l

RT: 7.573 min Scan# 961

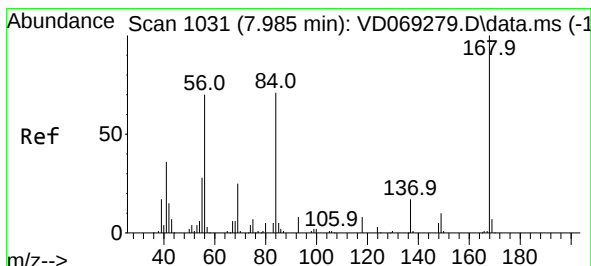
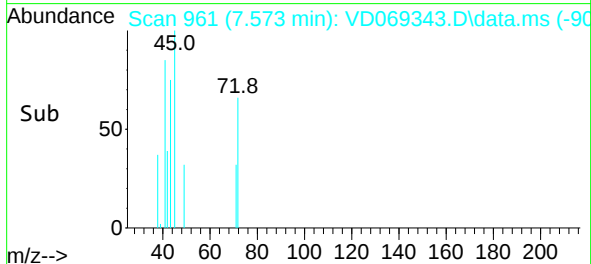
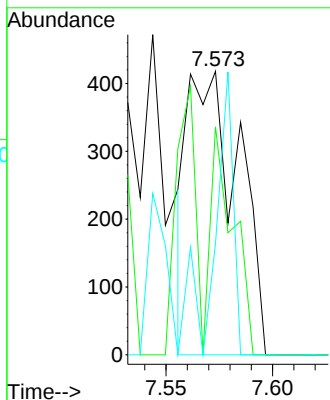
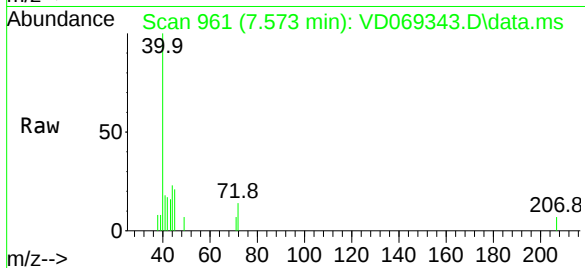
Delta R.T. 0.006 min

Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

Instrument :
MSVOA_D
ClientSampled :
54-57S

Tgt Ion:	42	Resp:	690
Ion	Ratio	Lower	Upper
42	100		
72	36.5	41.0	61.6#
71	0.0	38.9	58.3#



#31

Cyclohexane

Concen: 21.662 ug/l

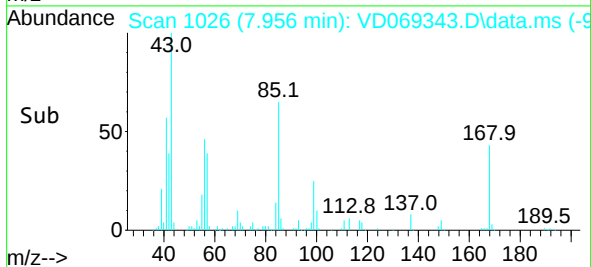
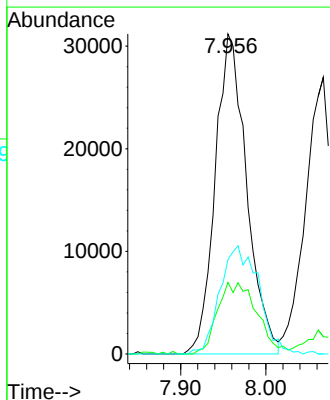
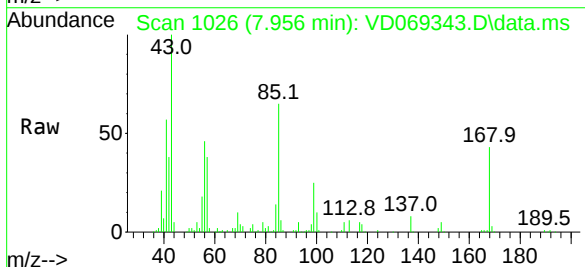
RT: 7.956 min Scan# 1026

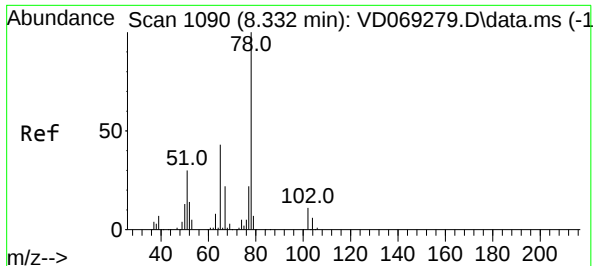
Delta R.T. -0.029 min

Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

Tgt Ion:	56	Resp:	79968
Ion	Ratio	Lower	Upper
56	100		
69	22.3	29.0	43.4#
84	29.5	81.1	121.7#

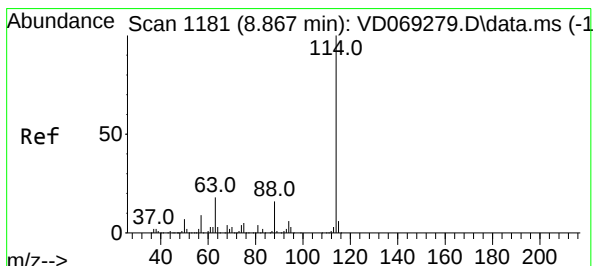
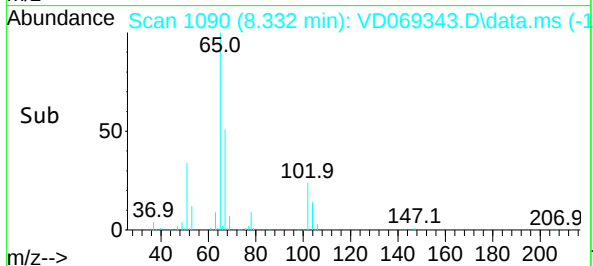
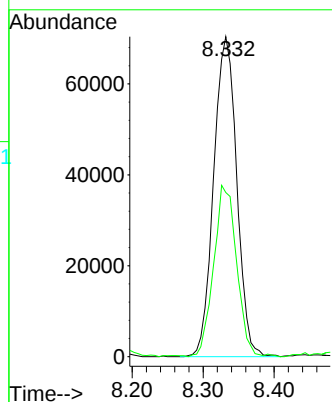
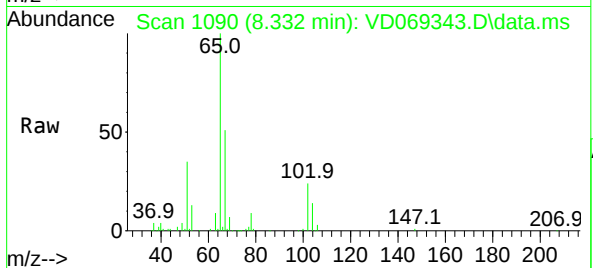




#33
1,2-Dichloroethane-d4
Concen: 68.220 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

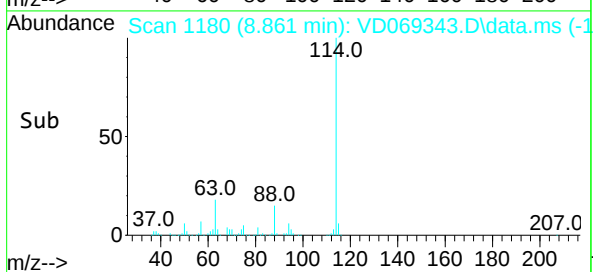
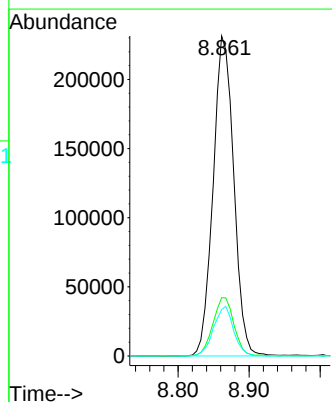
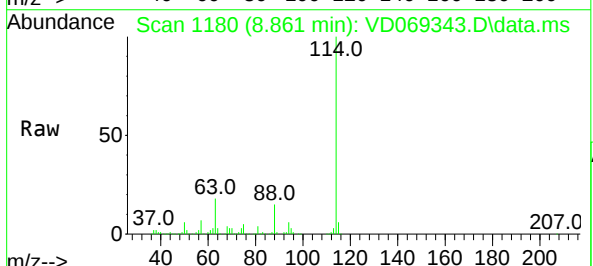
Instrument :
MSVOA_D
ClientSampleId :
54-57S

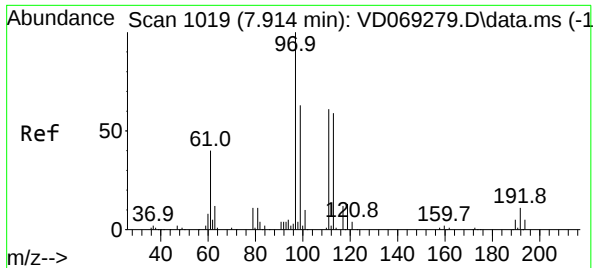
Tgt Ion: 65 Resp: 158493
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 114 Resp: 466638
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.6
88 14.5 0.0 31.2

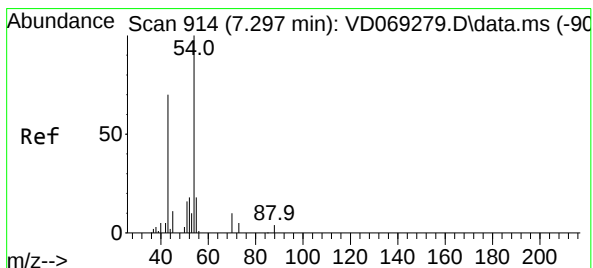
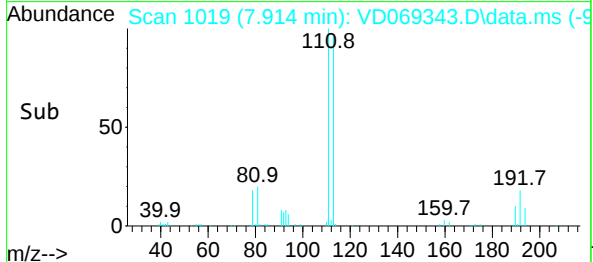
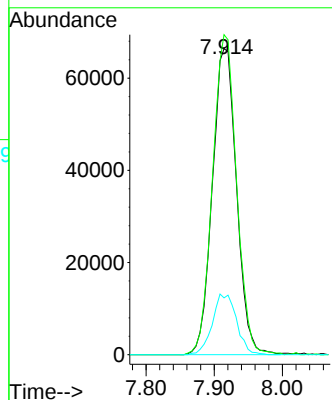
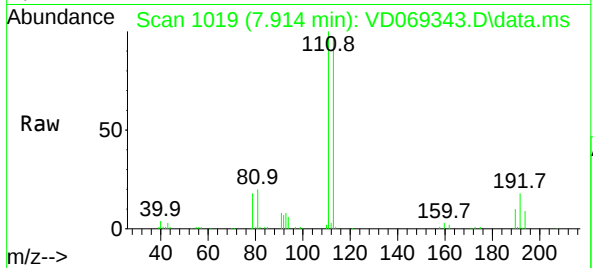




#35
Dibromofluoromethane
Concen: 55.970 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

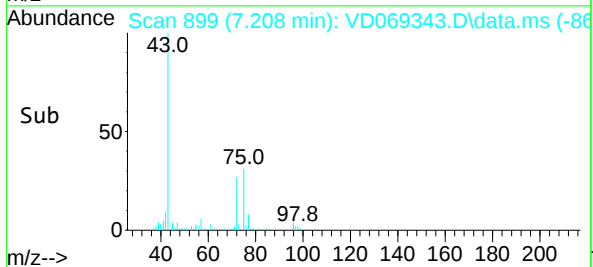
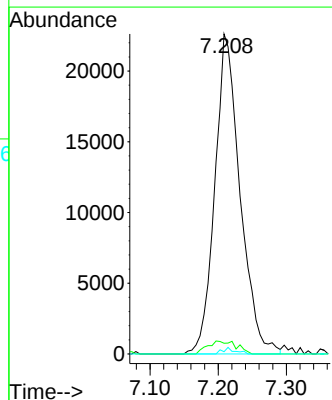
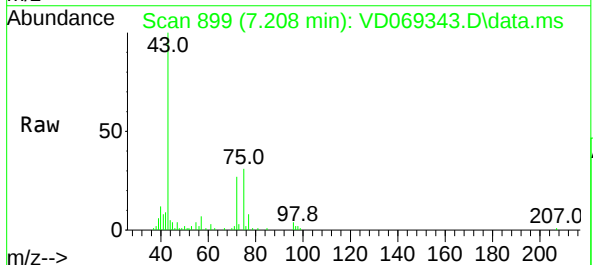
Instrument :
MSVOA_D
ClientSampleId :
54-57S

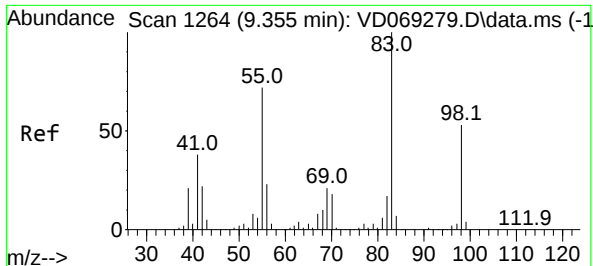
Tgt Ion:113 Resp: 164014
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.6
192 19.8 15.1 22.7



#37
Ethyl Acetate
Concen: 37.880 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.088 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 43 Resp: 58339
Ion Ratio Lower Upper
43 100
61 4.6 11.0 16.6#
70 1.0 9.7 14.5#





#39

Methylcyclohexane

Concen: 5.662 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

Tgt Ion: 83 Resp: 26270

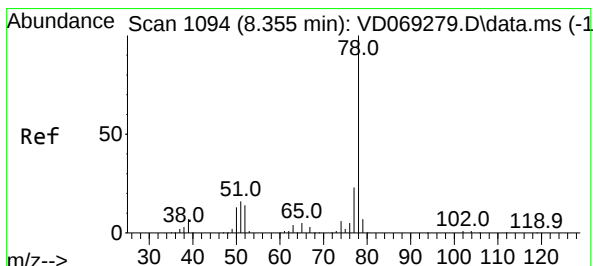
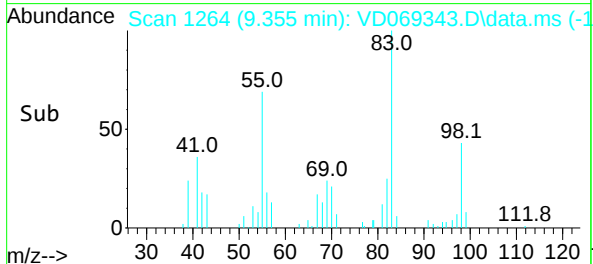
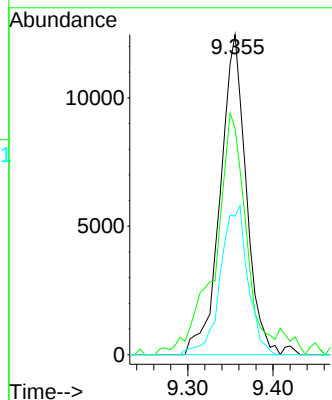
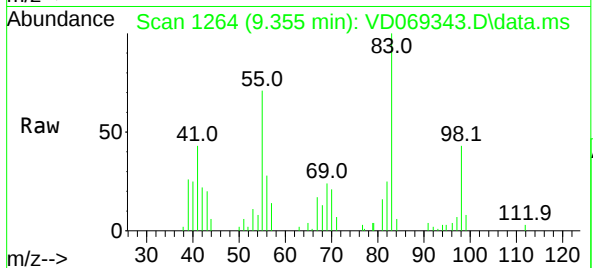
Ion	Ratio	Lower	Upper
83	100		
55	65.4	57.4	86.2
98	43.3	42.2	63.2

Instrument :

MSVOA_D

ClientSampleId :

54-57S



#40

Benzene

Concen: 2.181 ug/l

RT: 8.350 min Scan# 1093

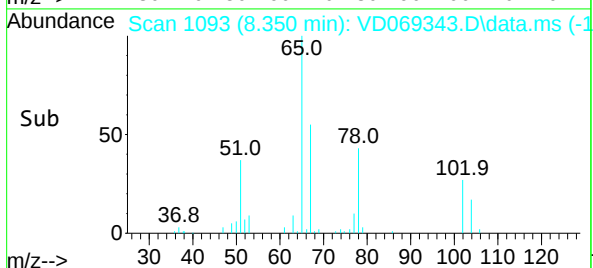
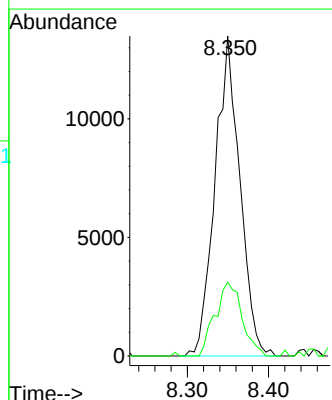
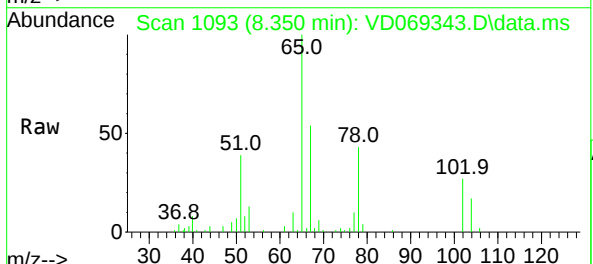
Delta R.T. -0.006 min

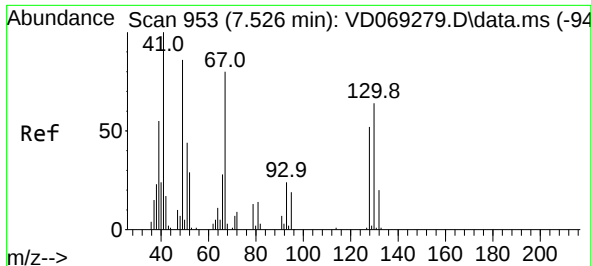
Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

Tgt Ion: 78 Resp: 28728

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1

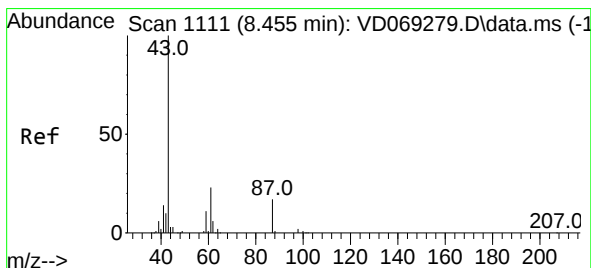
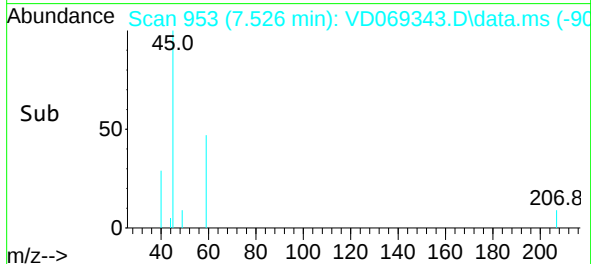
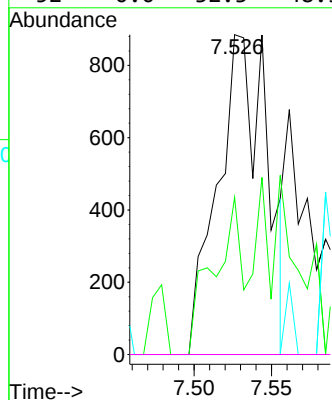
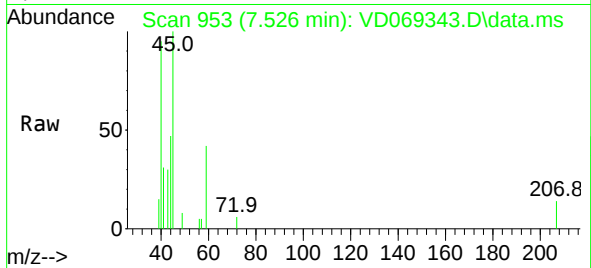




#41
Methacrylonitrile
Concen: 2.587 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

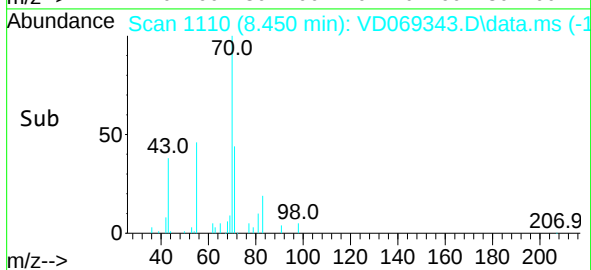
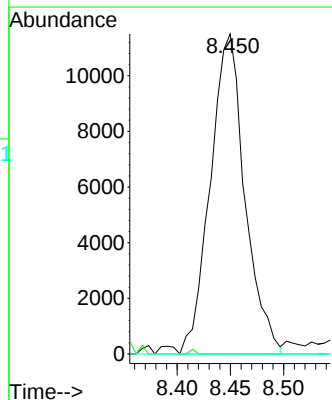
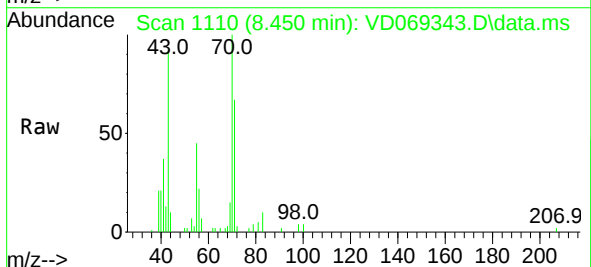
Instrument :
MSVOA_D
ClientSampleId :
54-57S

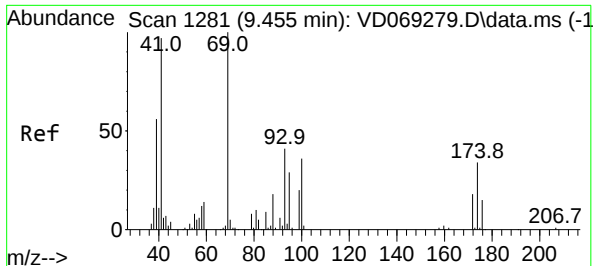
Tgt Ion:	41	Resp:	1934
Ion	Ratio	Lower	Upper
41	100		
39	28.4	50.6	76.0#
67	0.0	86.2	129.4#
52	0.0	32.3	48.5#



#43
Isopropyl Acetate
Concen: 9.255 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:	43	Resp:	25941
Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.0	43.6#
87	0.0	12.7	19.1#





#48

Methyl methacrylate

Concen: 2.632 ug/l

RT: 9.414 min Scan# 1274

Delta R.T. -0.041 min

Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

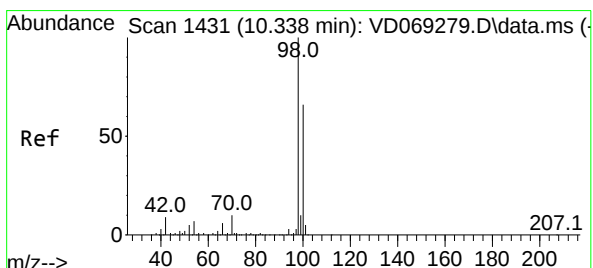
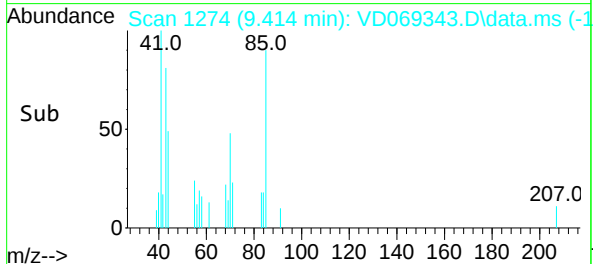
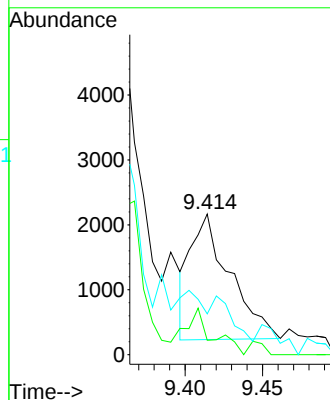
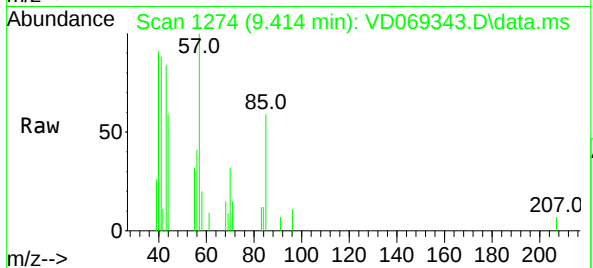
Instrument :

MSVOA_D

ClientSampleId :

54-57S

Tgt Ion:	41	Resp:	3425
Ion Ratio	Lower	Upper	
41	100		
69	25.5	77.6	116.4#
39	0.0	45.3	67.9#



#50

Toluene-d8

Concen: 40.826 ug/l

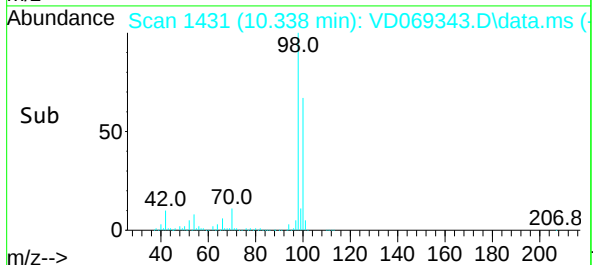
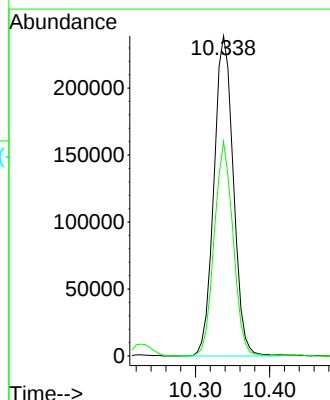
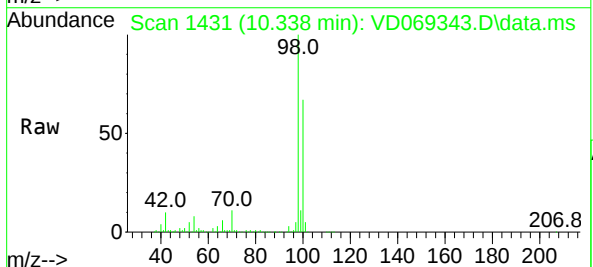
RT: 10.338 min Scan# 1431

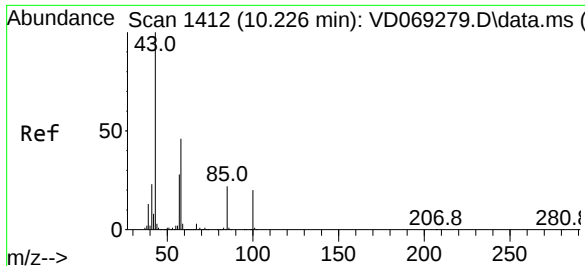
Delta R.T. 0.000 min

Lab File: VD069343.D

Acq: 04 Jun 2021 13:29

Tgt Ion:	98	Resp:	435043
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.1	78.1

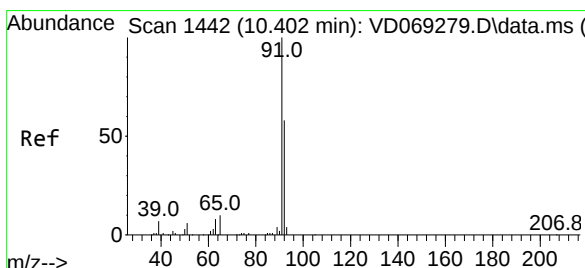
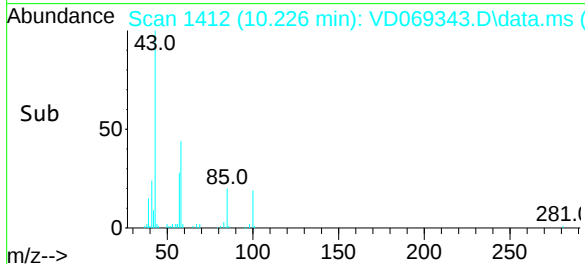
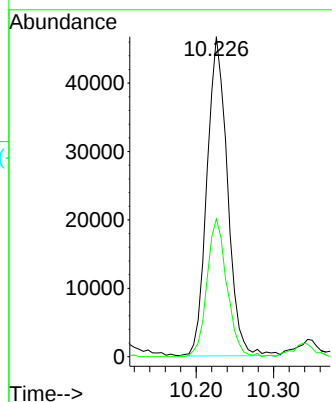
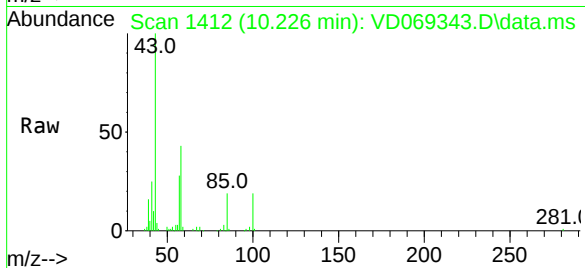




#51
4-Methyl-2-Pentanone
Concen: 59.311 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

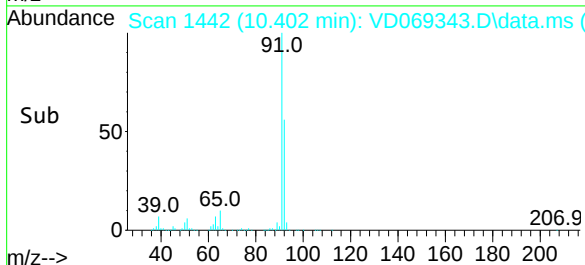
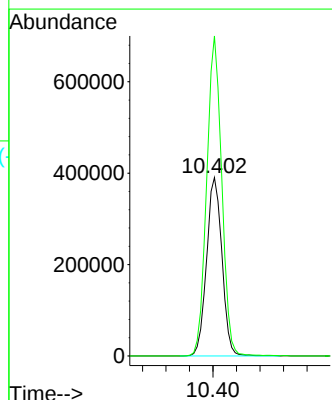
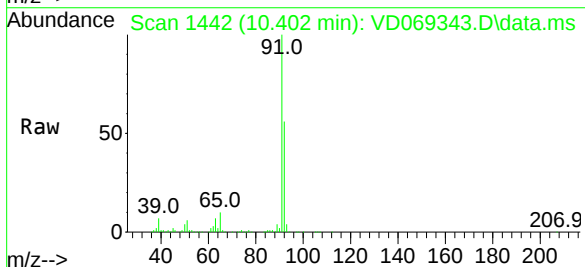
Instrument :
MSVOA_D
ClientSampleId :
54-57S

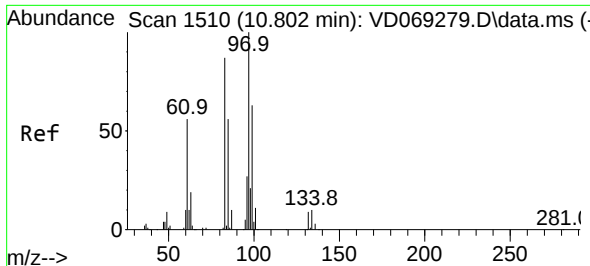
Tgt Ion: 43 Resp: 85864
Ion Ratio Lower Upper
43 100
58 41.8 35.1 52.7



#52
Toluene
Concen: 85.166 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

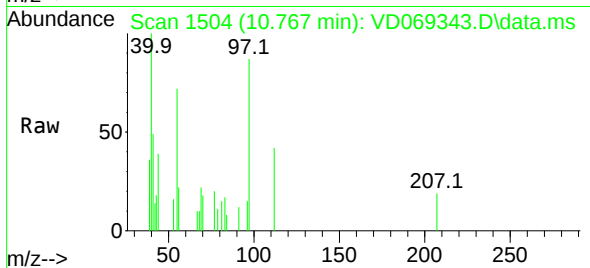
Tgt Ion: 92 Resp: 708132
Ion Ratio Lower Upper
92 100
91 175.5 138.4 207.6



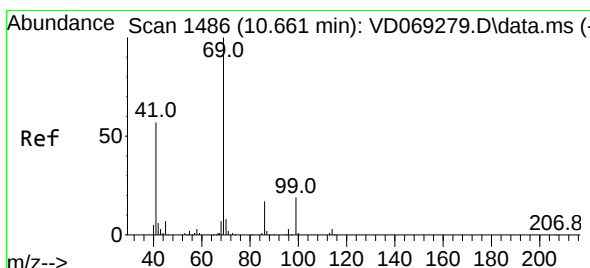
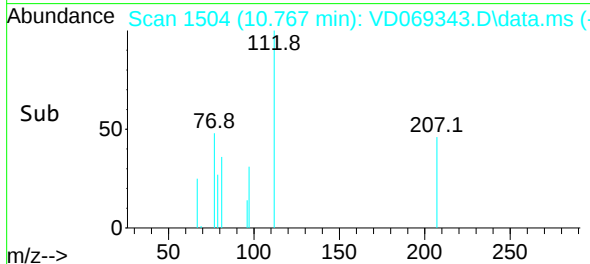
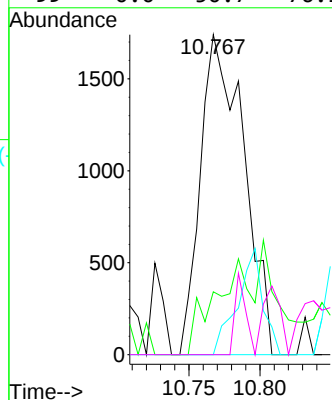


#55
1,1,2-Trichloroethane
Concen: 1.483 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.035 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Instrument :
MSVOA_D
ClientSampled :
54-57S

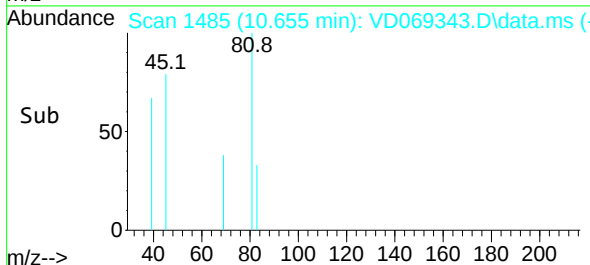
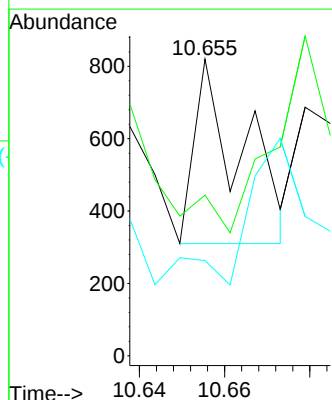
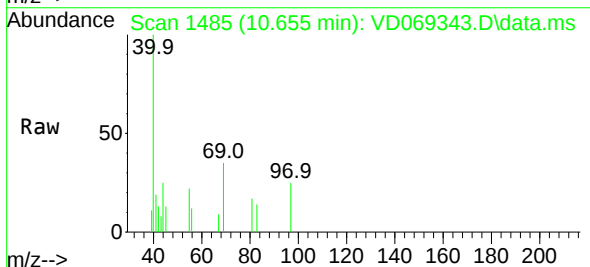


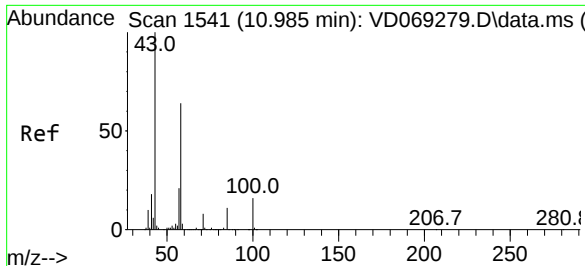
Tgt Ion:	97	Resp:	3689
Ion	Ratio	Lower	Upper
97	100		
83	19.7	69.4	104.0#
85	0.0	44.5	66.7#
99	0.0	50.7	76.1#



#56
Ethyl methacrylate
Concen: 2.769 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:	69	Resp:	394
Ion	Ratio	Lower	Upper
69	100		
41	0.0	45.4	68.2#
39	0.0	21.7	32.5#

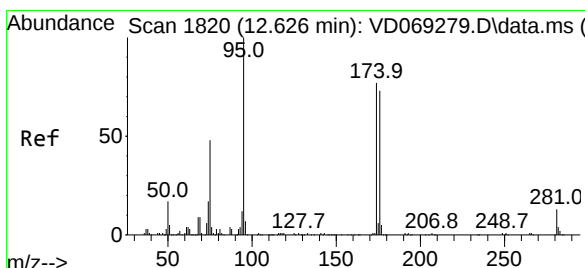
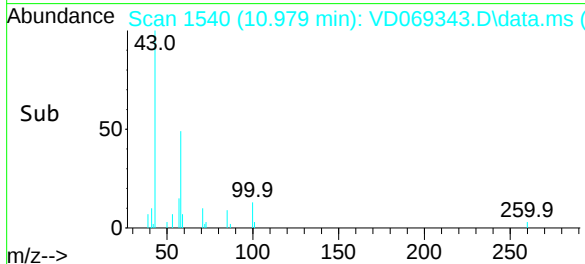
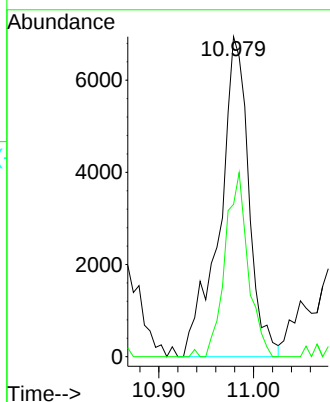
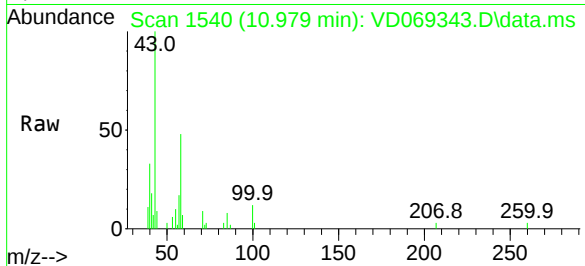




#59
2-Hexanone
Concen: 15.369 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

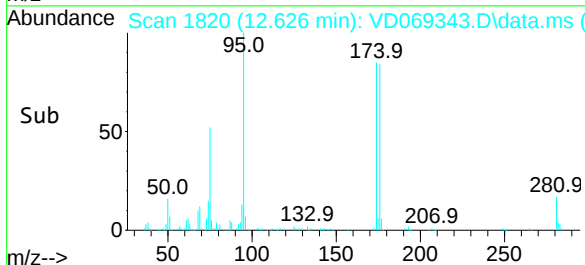
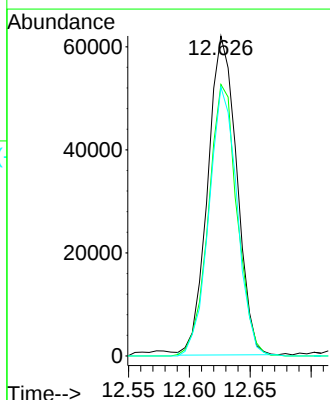
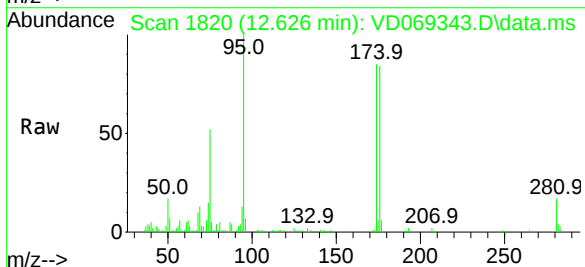
Instrument :
MSVOA_D
ClientSampleId :
54-57S

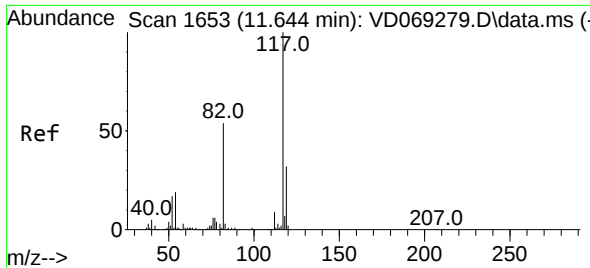
Tgt Ion: 43 Resp: 14873
Ion Ratio Lower Upper
43 100
58 45.5 30.8 92.3



#62
4-Bromofluorobenzene
Concen: 29.361 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 95 Resp: 102519
Ion Ratio Lower Upper
95 100
174 84.1 0.0 162.8
176 81.8 0.0 154.4

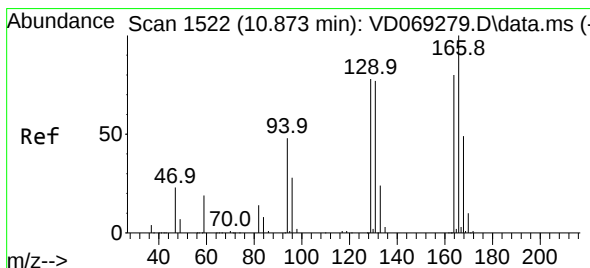
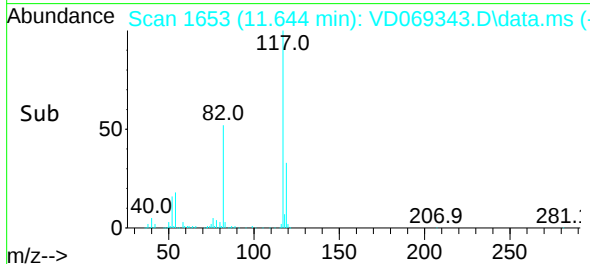
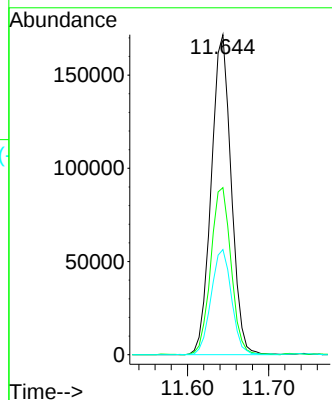
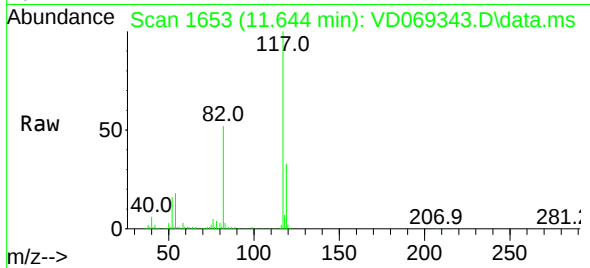




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

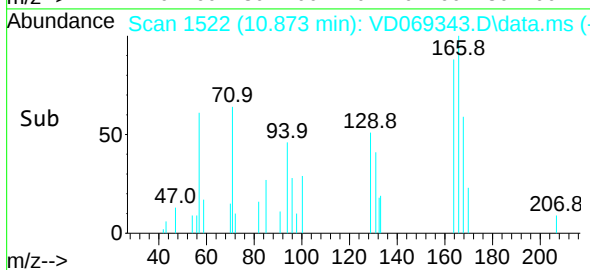
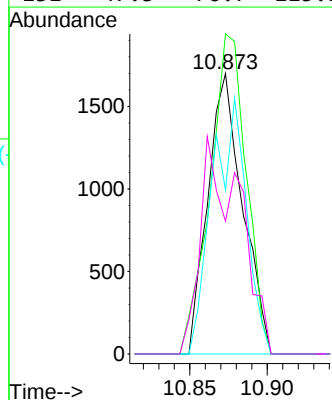
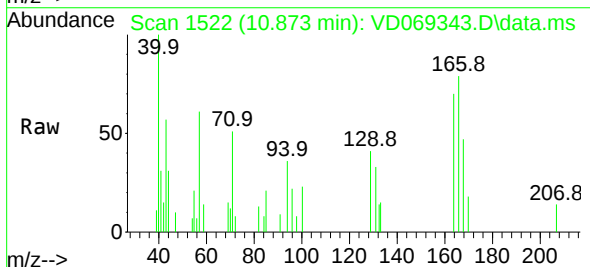
Instrument :
MSVOA_D
ClientSampleId :
54-57S

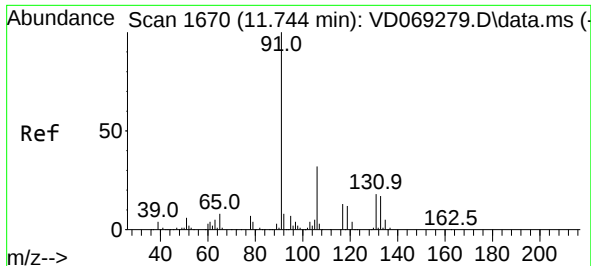
Tgt Ion:	117	Resp:	292528
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.3	64.9
119	32.8	25.3	37.9



#64
Tetrachloroethene
Concen: 1.302 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:	164	Resp:	2651
Ion	Ratio	Lower	Upper
164	100		
166	114.1	100.2	150.4
129	58.5	78.1	117.1#
131	47.3	76.7	115.1#

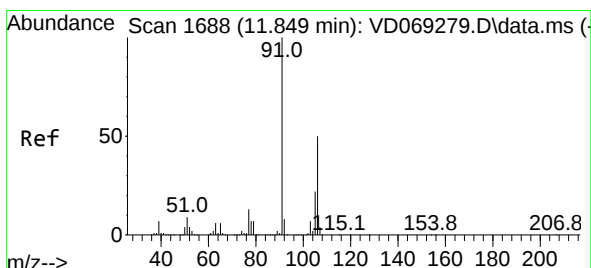
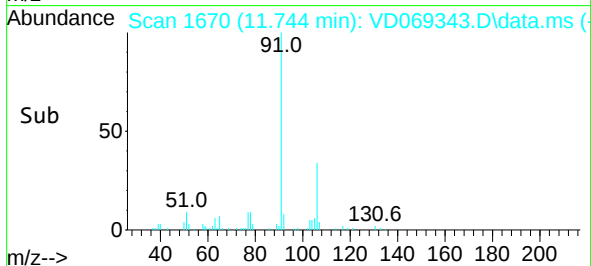
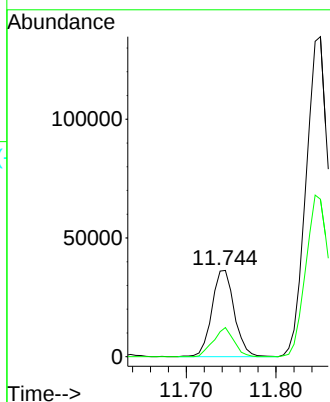
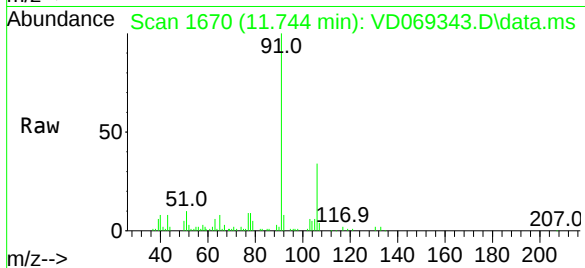




#67
Ethyl Benzene
Concen: 6.150 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

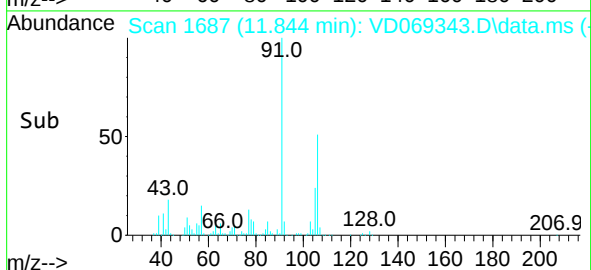
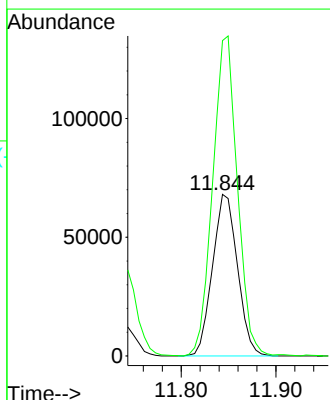
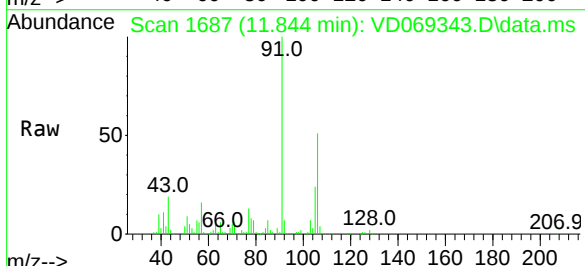
Instrument :
MSVOA_D
ClientSampleId :
54-57S

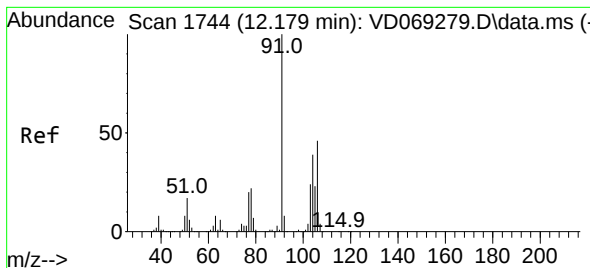
Tgt Ion: 91 Resp: 63167
Ion Ratio Lower Upper
91 100
106 33.7 25.9 38.9



#68
m/p-Xylenes
Concen: 30.966 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 106 Resp: 124621
Ion Ratio Lower Upper
106 100
91 195.7 158.3 237.5

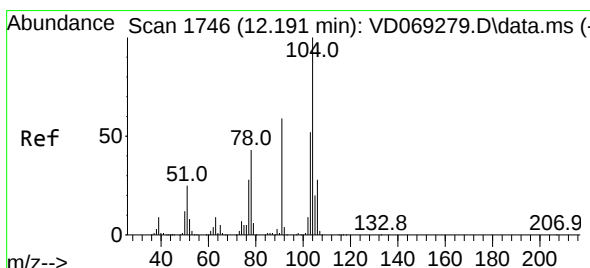
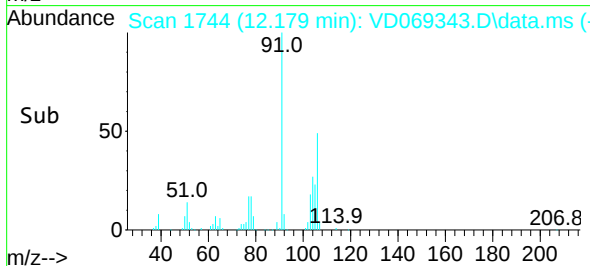
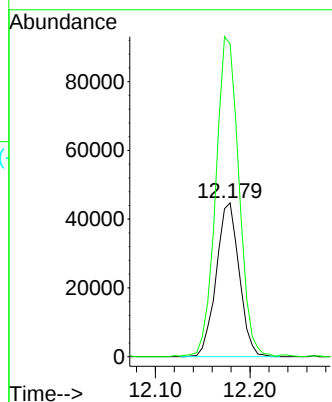
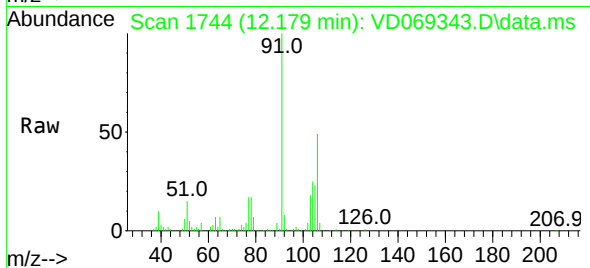




#69
o-Xylene
Concen: 21.162 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

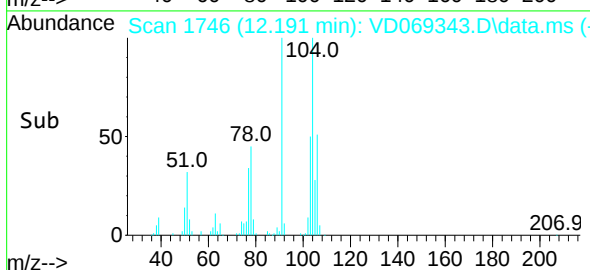
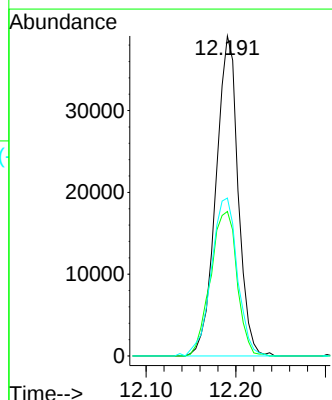
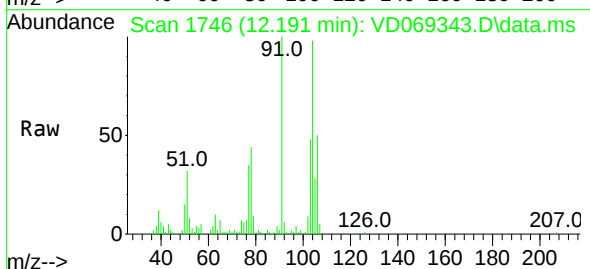
Instrument :
MSVOA_D
ClientSampleId :
54-57S

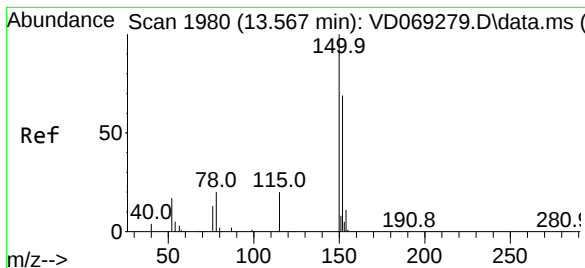
Tgt Ion:106 Resp: 75322
Ion Ratio Lower Upper
106 100
91 210.5 105.5 316.4



#70
Styrene
Concen: 10.866 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:104 Resp: 67138
Ion Ratio Lower Upper
104 100
78 53.8 37.5 56.3
103 58.0 44.3 66.5

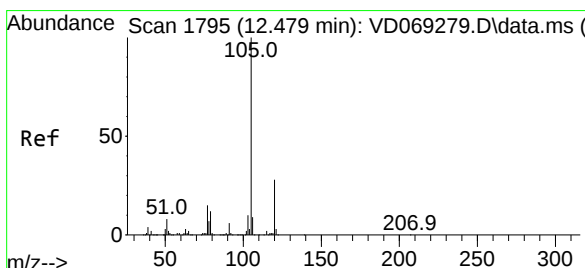
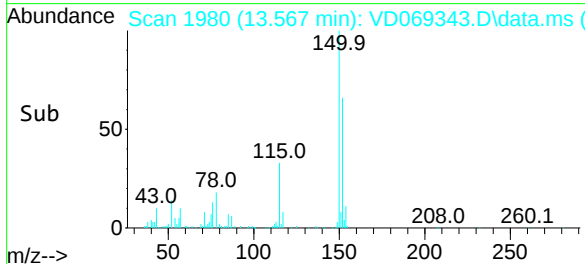
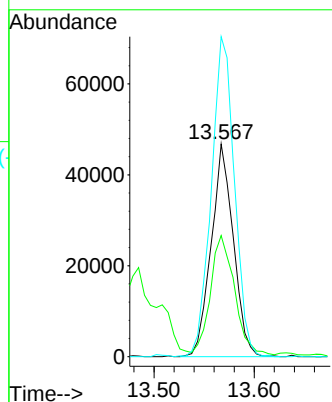
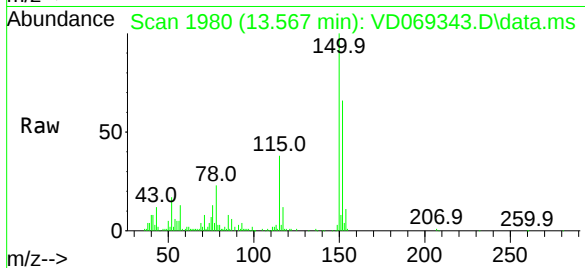




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

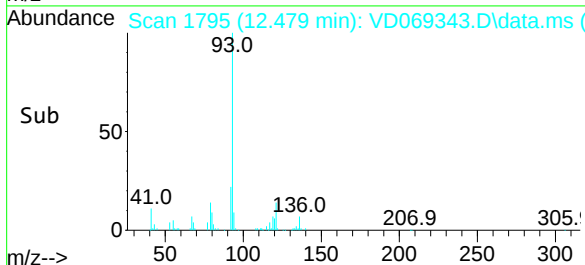
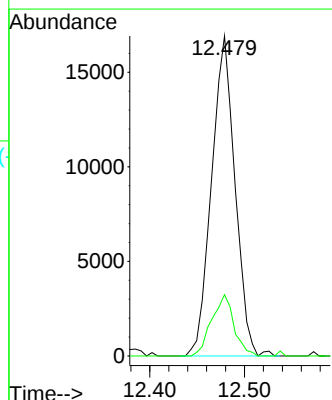
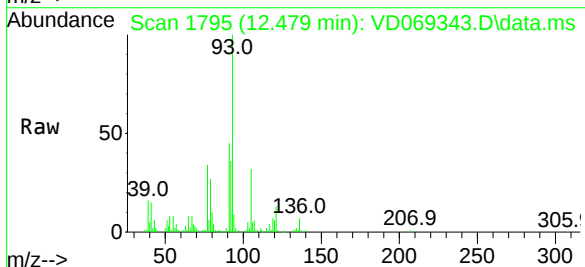
Instrument :
MSVOA_D
ClientSampleId :
54-57S

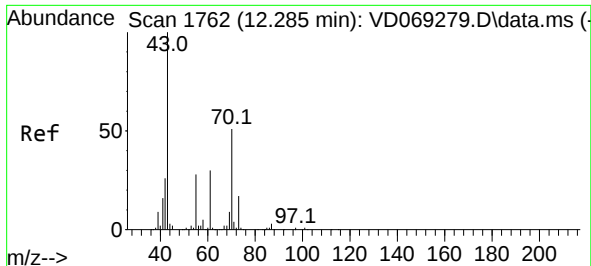
Tgt Ion:152 Resp: 71932
Ion Ratio Lower Upper
152 100
115 60.8 29.4 88.3
150 157.1 0.0 355.0



#73
Isopropylbenzene
Concen: 5.917 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

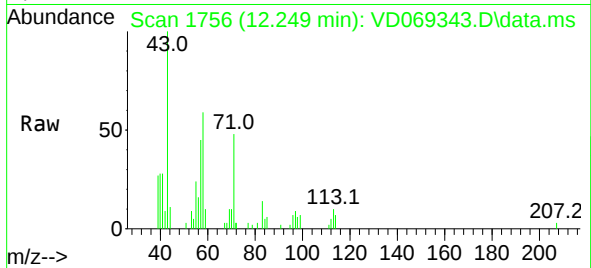
Tgt Ion:105 Resp: 29128
Ion Ratio Lower Upper
105 100
120 18.3 13.5 40.5



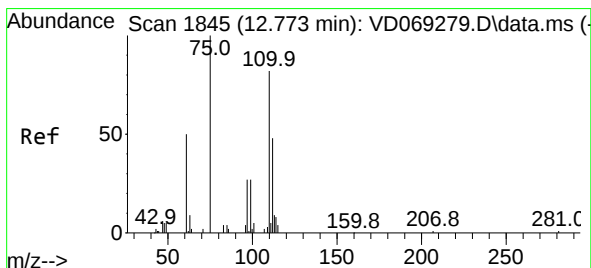
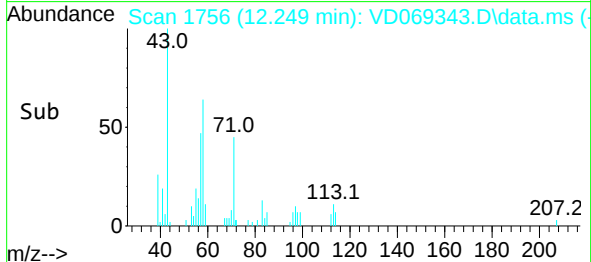
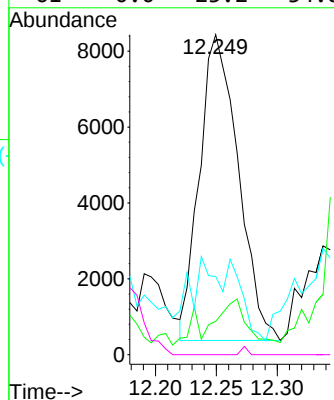


#74
N-amy1 acetate
Concen: 20.436 ug/l
RT: 12.249 min Scan# 1756
Delta R.T. -0.035 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
54-57S

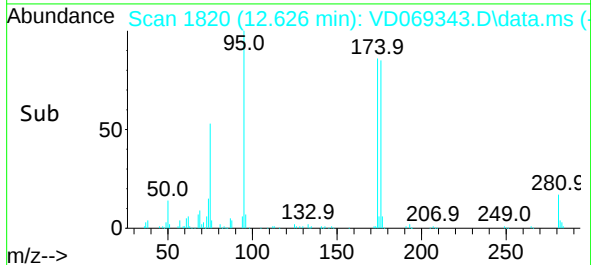
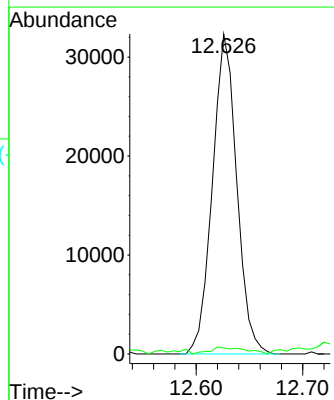
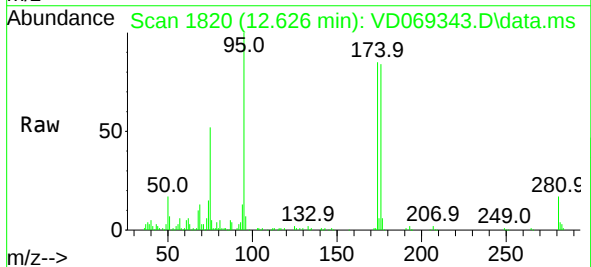


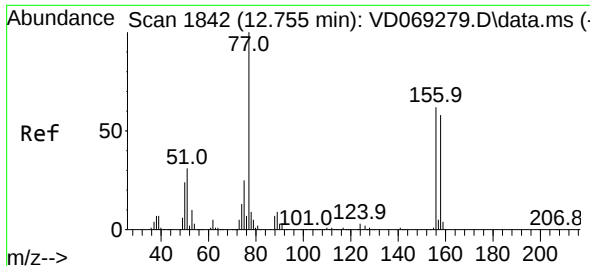
Tgt Ion: 43	Resp: 17767
Ion Ratio	Lower Upper
43	100
70	8.7 40.9 61.3#
55	0.0 23.4 35.0#
61	0.0 23.2 34.8#



#76
1,2,3-Trichloropropane
Concen: 81.931 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 75	Resp: 51204
Ion Ratio	Lower Upper
75	100
77	3.0 183.8 551.2#

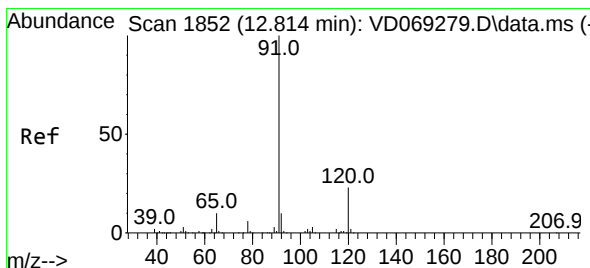
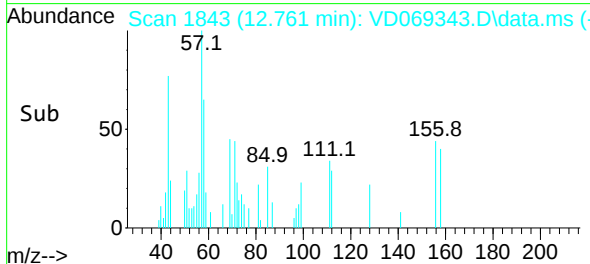
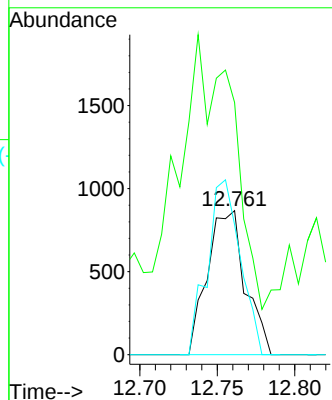
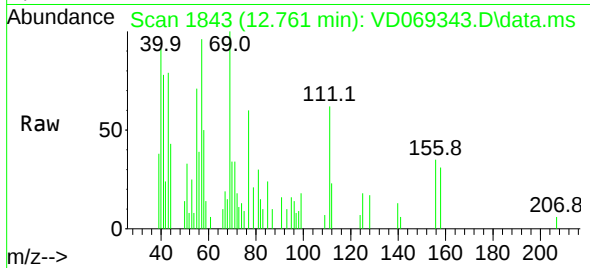




#77
Bromobenzene
Concen: 1.247 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

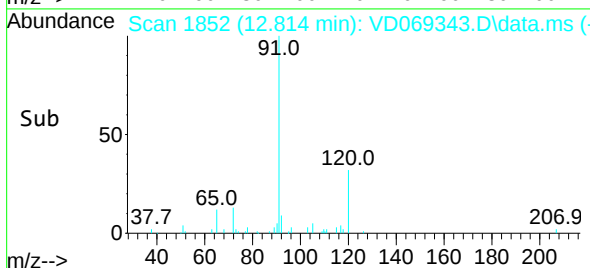
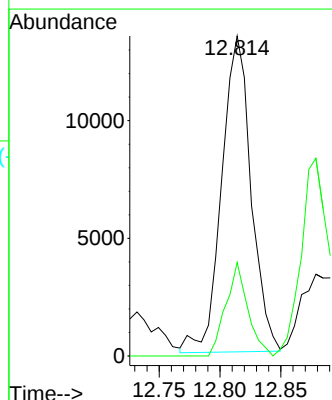
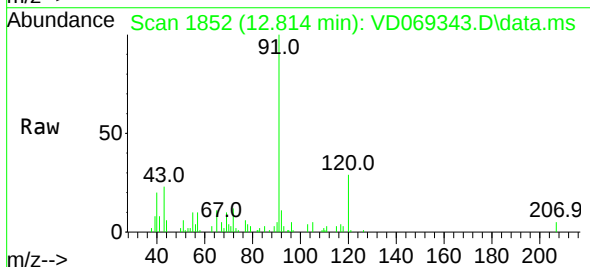
Instrument :
MSVOA_D
ClientSampleId :
54-57S

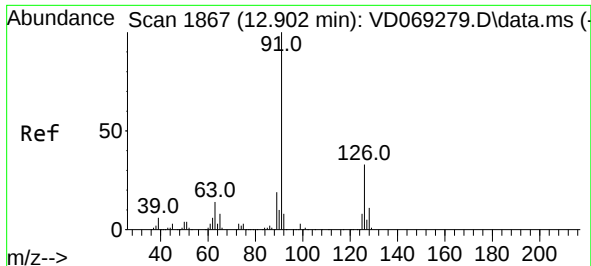
Tgt Ion:156 Resp: 1478
Ion Ratio Lower Upper
156 100
77 0.0 89.3 267.9#
158 105.1 48.0 144.2



#78
n-propylbenzene
Concen: 3.746 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 91 Resp: 22618
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.8

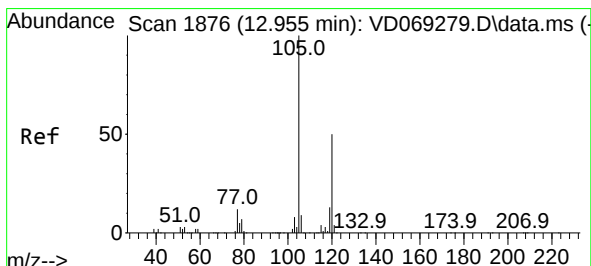
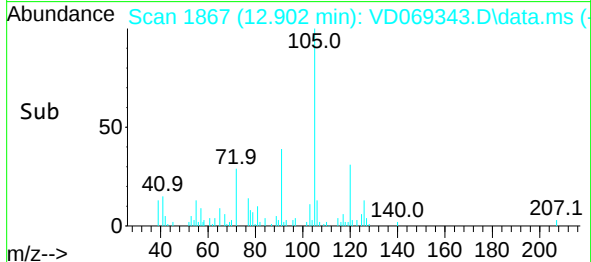
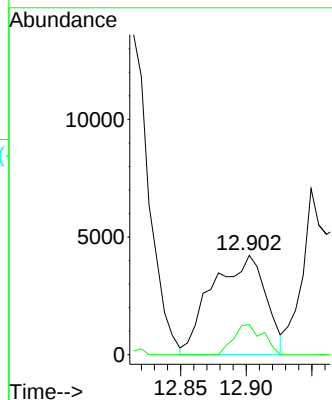
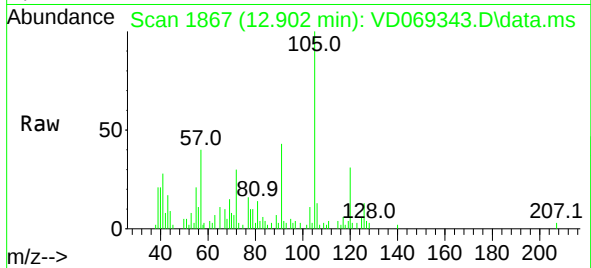




#79
2-Chlorotoluene
Concen: 3.491 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

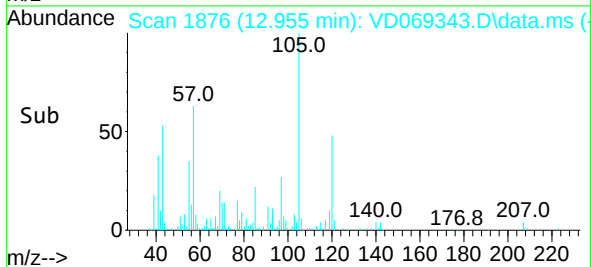
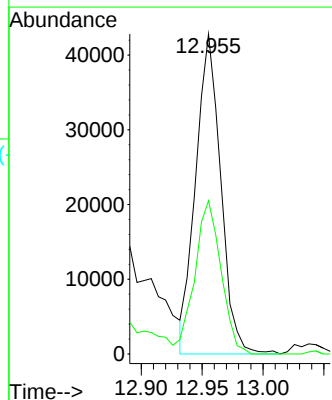
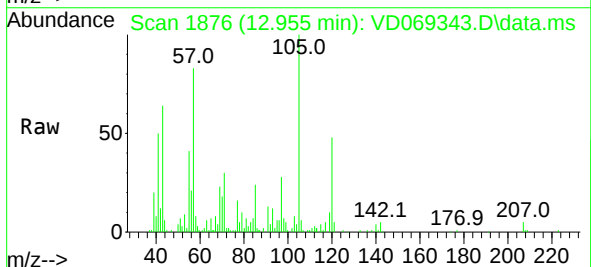
Instrument :
MSVOA_D
ClientSampleId :
54-57S

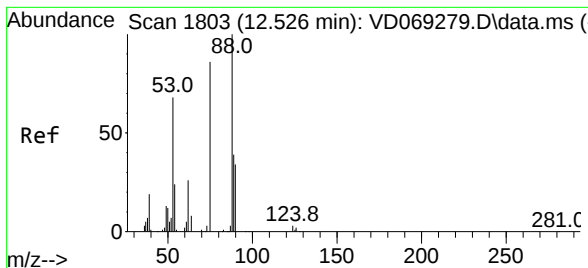
Tgt Ion: 91 Resp: 11980
Ion Ratio Lower Upper
91 100
126 16.7 16.8 50.3#



#80
1,3,5-Trimethylbenzene
Concen: 14.668 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:105 Resp: 61156
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7

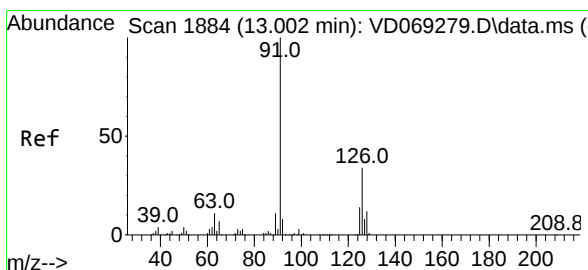
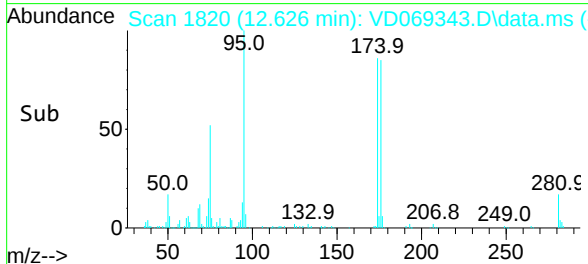
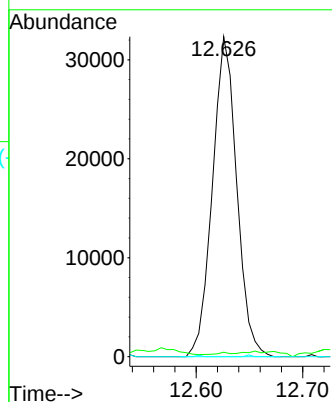
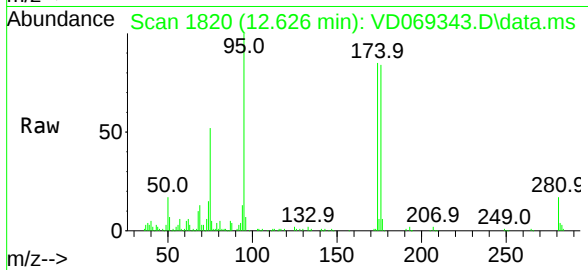




#81
trans-1,4-Dichloro-2-butene
Concen: 181.559 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

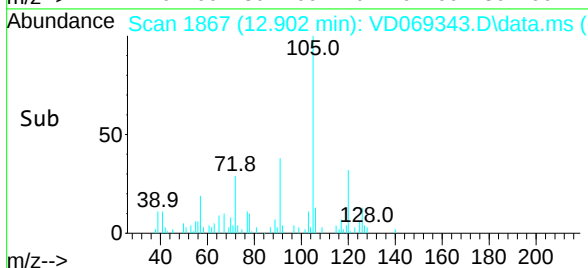
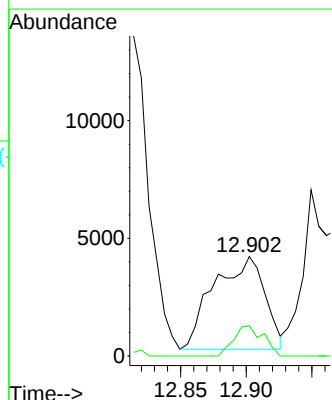
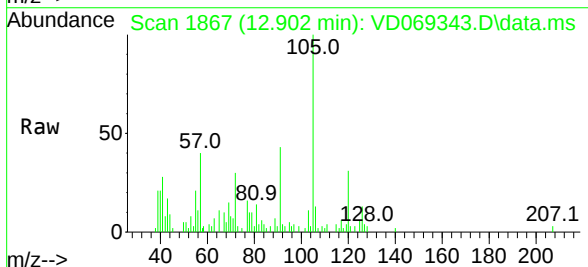
Instrument :
MSVOA_D
ClientSampleId :
54-57S

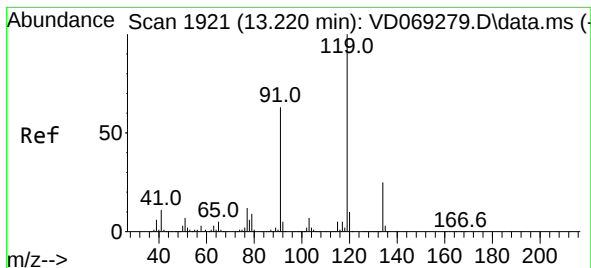
Tgt Ion: 75 Resp: 51204
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 2.953 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.100 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 91 Resp: 10664
Ion Ratio Lower Upper
91 100
126 18.7 17.4 52.2

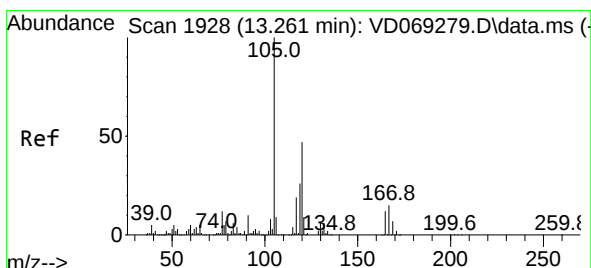
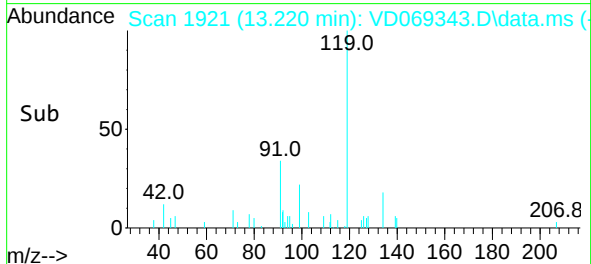
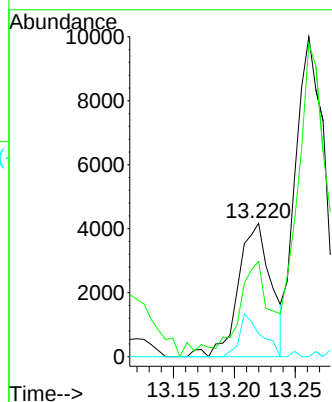
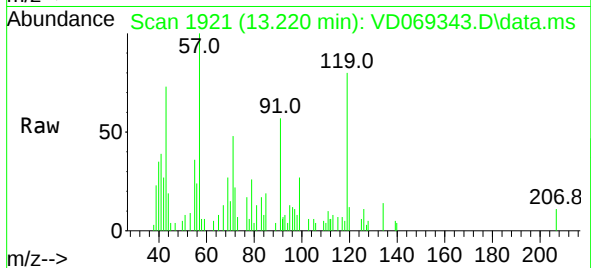




#83
tert-Butylbenzene
Concen: 2.239 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

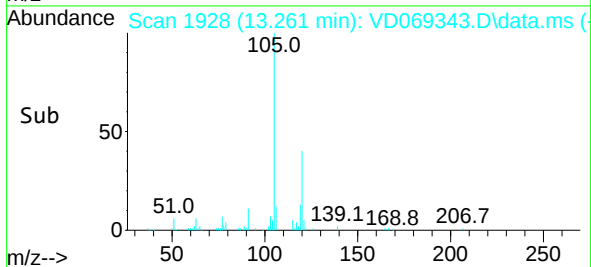
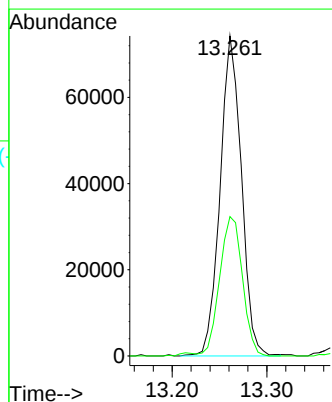
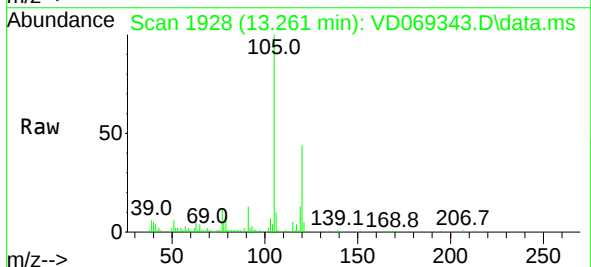
Instrument :
MSVOA_D
ClientSampled :
54-57S

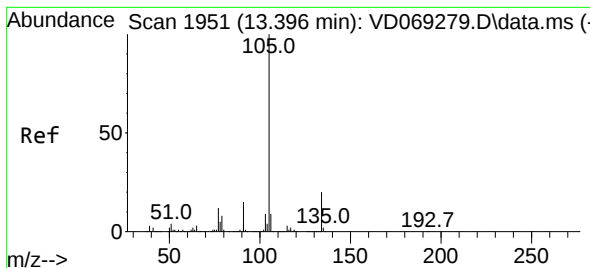
Tgt Ion:119 Resp: 7817
Ion Ratio Lower Upper
119 100
91 0.0 31.7 95.1#
134 21.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 28.029 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:105 Resp: 116223
Ion Ratio Lower Upper
105 100
120 46.5 22.6 67.8

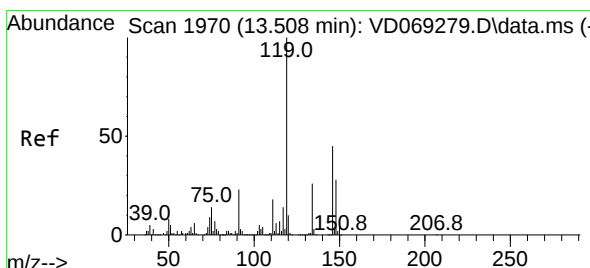
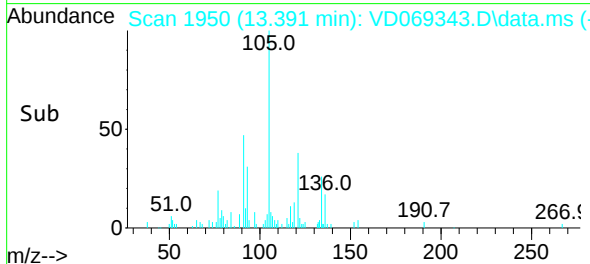
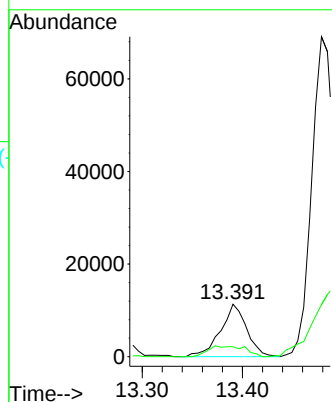
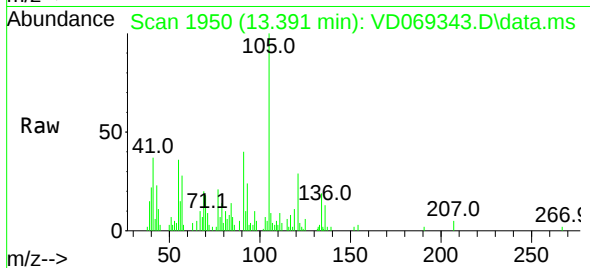




#85
 sec-Butylbenzene
 Concen: 3.989 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD069343.D
 Acq: 04 Jun 2021 13:29

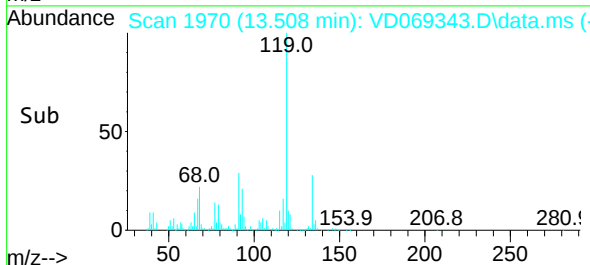
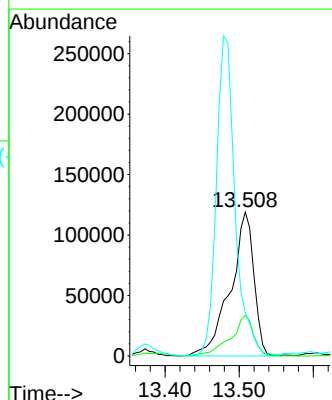
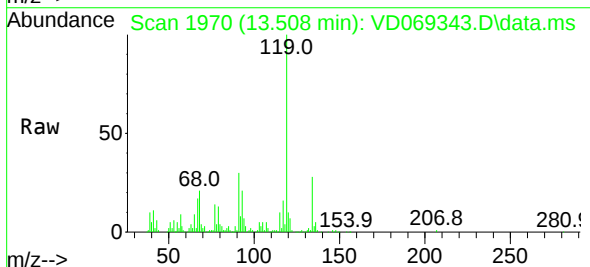
Instrument :
 MSVOA_D
 ClientSampleId :
 54-57S

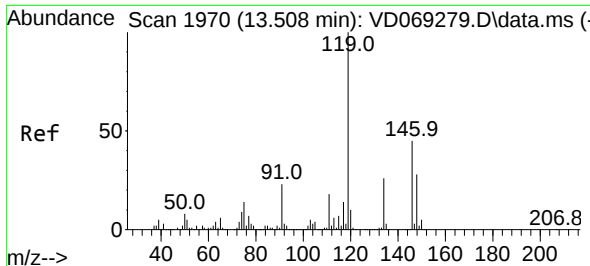
Tgt Ion:105 Resp: 20557
 Ion Ratio Lower Upper
 105 100
 134 28.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 58.244 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD069343.D
 Acq: 04 Jun 2021 13:29

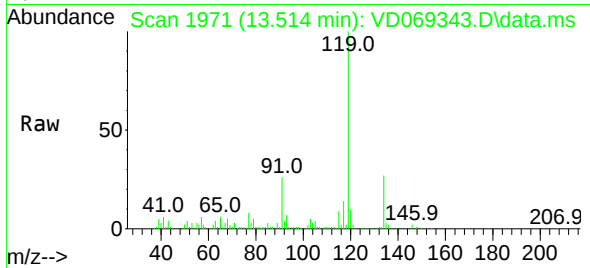
Tgt Ion:119 Resp: 262458
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 0.0 11.3 33.8#



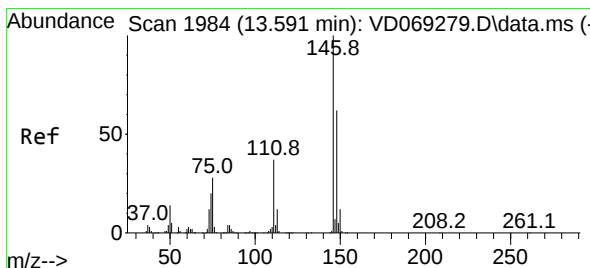
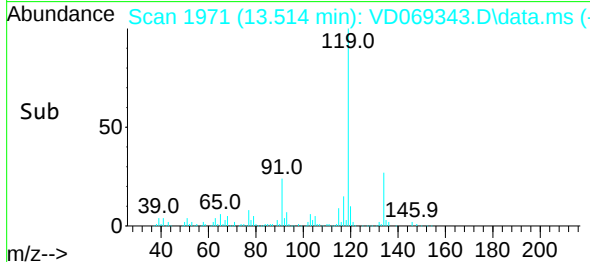
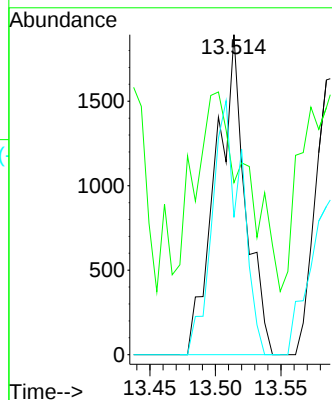


#87
1,3-Dichlorobenzene
Concen: 1.250 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
54-57S

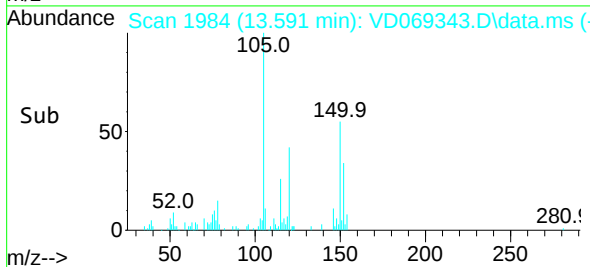
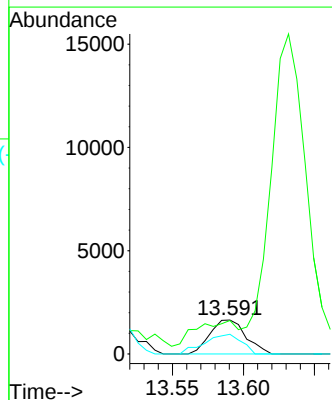
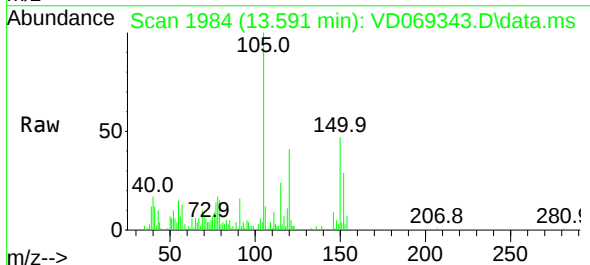


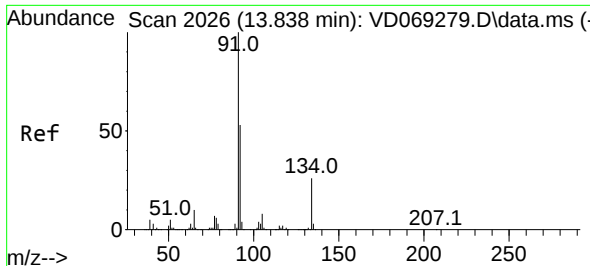
Tgt Ion:146 Resp: 3000
Ion Ratio Lower Upper
146 100
111 105.4 20.3 60.9#
148 78.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 1.206 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:146 Resp: 2885
Ion Ratio Lower Upper
146 100
111 93.6 19.4 58.4#
148 59.9 31.1 93.3

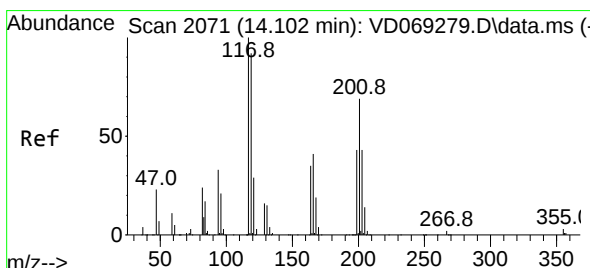
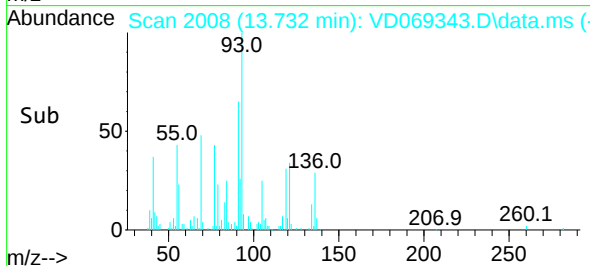
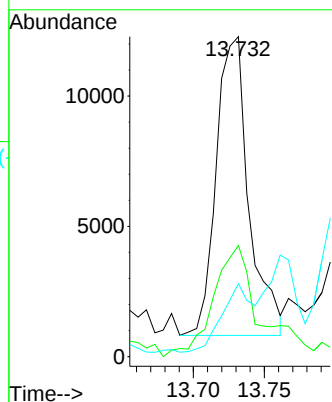
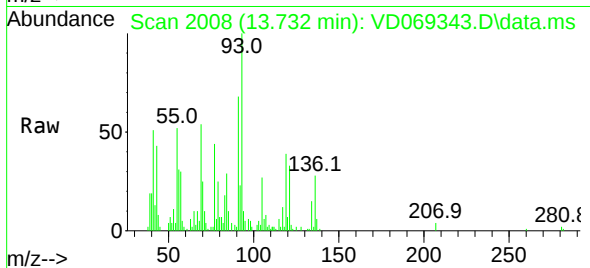




#89
n-Butylbenzene
Concen: 4.329 ug/l
RT: 13.732 min Scan# 2008
Delta R.T. -0.106 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

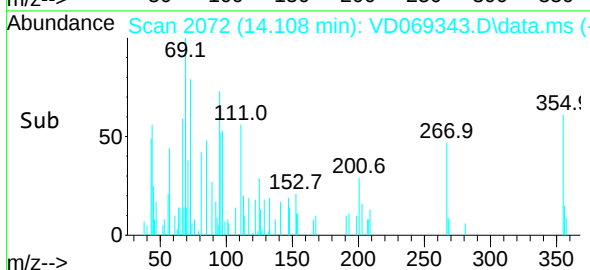
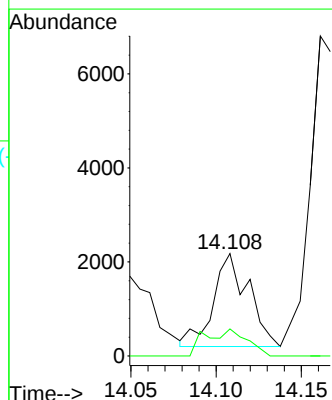
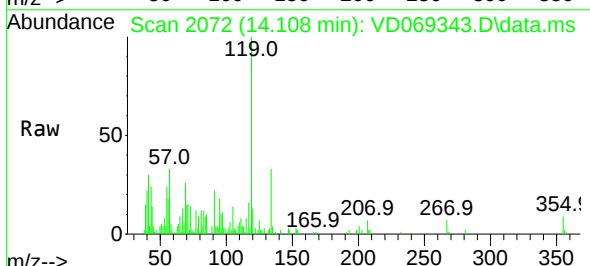
Instrument :
MSVOA_D
ClientSampleId :
54-57S

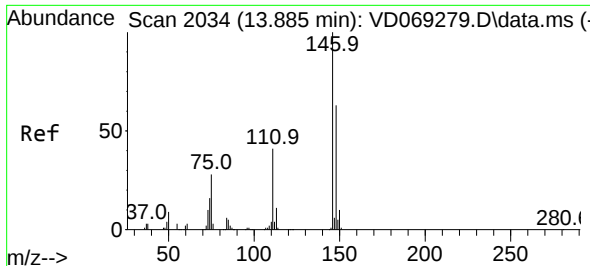
Tgt Ion:	91	Resp:	18252
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	21.4	13.0	38.9



#90
Hexachloroethane
Concen: 3.315 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:	117	Resp:	2838
Ion	Ratio	Lower	Upper
117	100		
201	34.0	36.0	108.1#

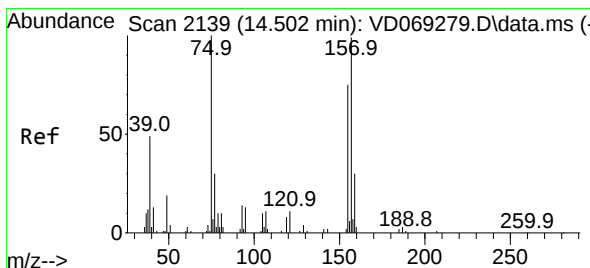
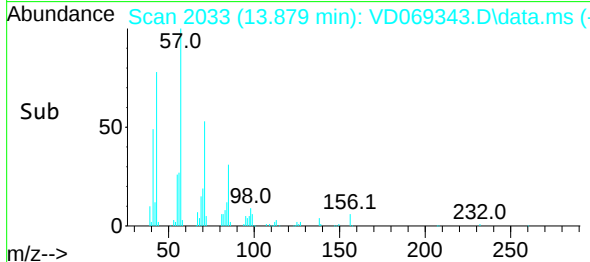
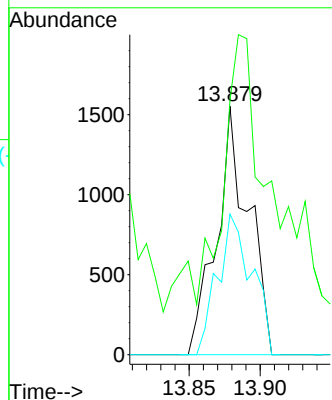
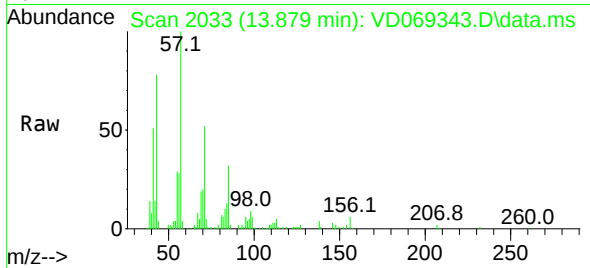




#91
1,2-Dichlorobenzene
Concen: 1.176 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

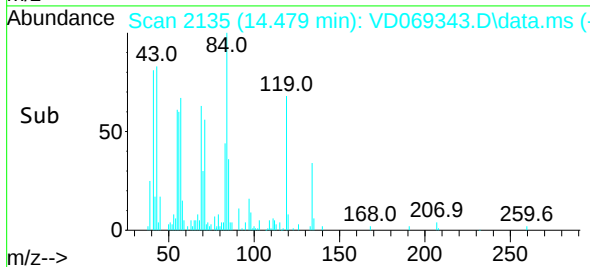
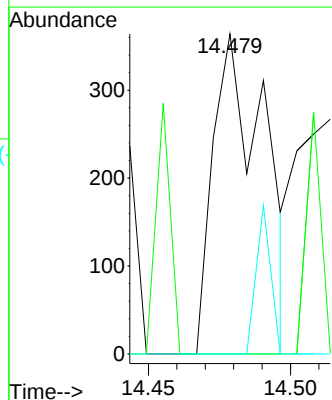
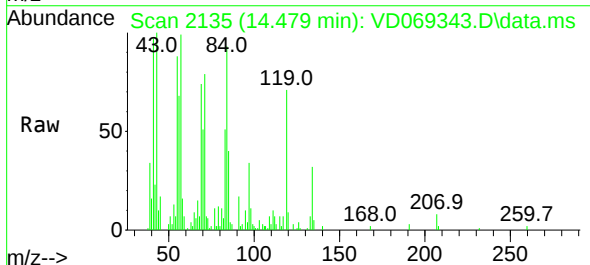
Instrument :
MSVOA_D
ClientSampled :
54-57S

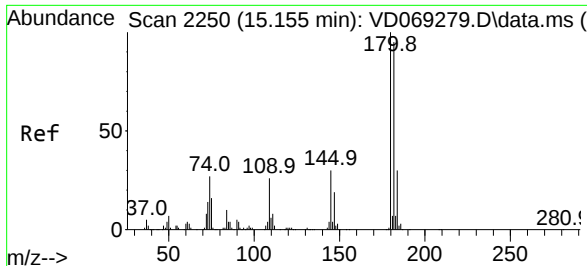
Tgt Ion:146 Resp: 2432
Ion Ratio Lower Upper
146 100
111 153.0 20.5 61.6#
148 60.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.101 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.024 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion: 75 Resp: 454
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.4#
157 13.2 54.4 163.3#

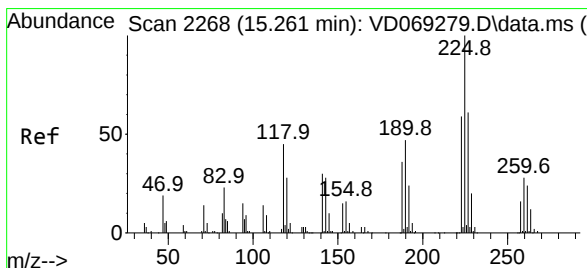
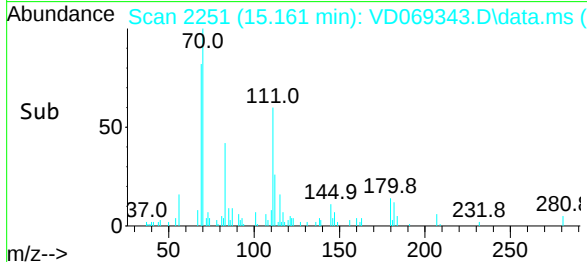
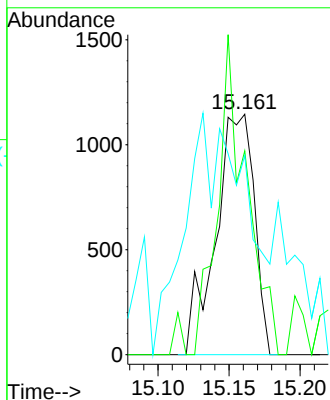
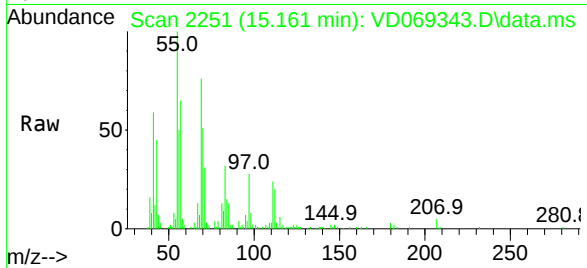




#93
1,2,4-Trichlorobenzene
Concen: 1.750 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

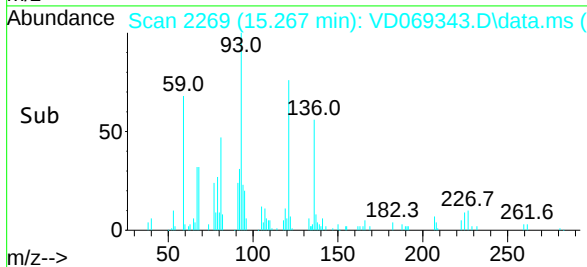
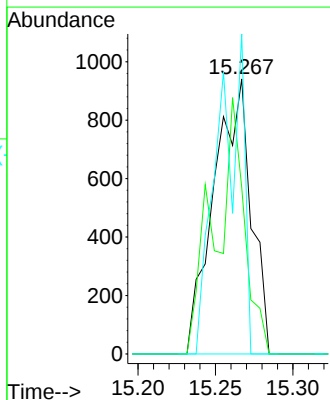
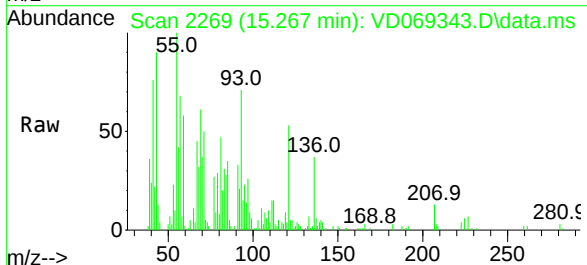
Instrument :
MSVOA_D
ClientSampleId :
54-57S

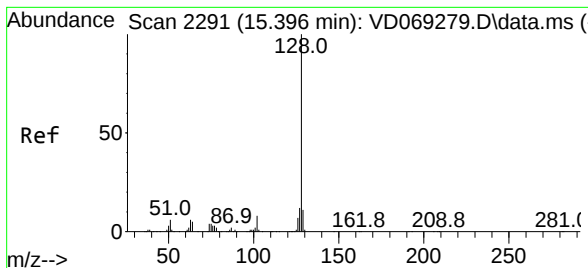
Tgt Ion:180 Resp: 2171
Ion Ratio Lower Upper
180 100
182 99.3 47.3 141.8
145 0.0 15.2 45.5#



#94
Hexachlorobutadiene
Concen: 2.012 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:225 Resp: 1567
Ion Ratio Lower Upper
225 100
223 73.8 30.5 91.5
227 79.9 31.4 94.2

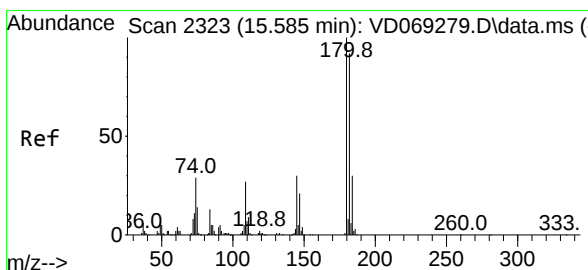
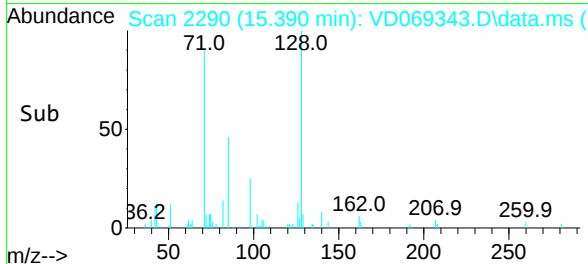
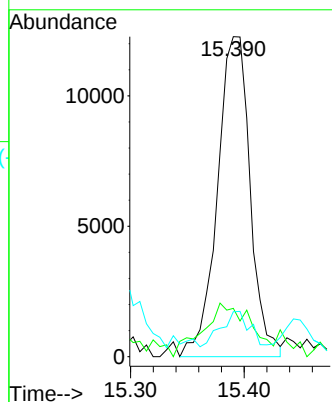
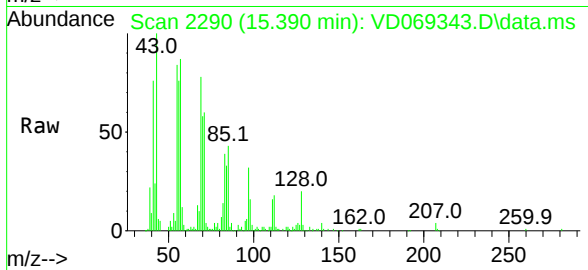




#95
Naphthalene
Concen: 12.662 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
54-57S

Tgt Ion:128 Resp: 24601
Ion Ratio Lower Upper
128 100
127 24.5 10.4 15.6#
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.834 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069343.D
Acq: 04 Jun 2021 13:29

Tgt Ion:180 Resp: 2002
Ion Ratio Lower Upper
180 100
182 118.5 47.0 141.0
145 113.5 15.9 47.7#

