

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068745.D
 Acq On : 31 Mar 2021 19:26
 Operator : VA/SY
 Sample : M1883-03
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:46:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	550841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	933112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	893262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	387994	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	242052	43.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.16%
35) Dibromofluoromethane	7.920	113	275551	47.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.92%
50) Toluene-d8	10.338	98	1443359	64.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.96%
62) 4-Bromofluorobenzene	12.632	95	547515	75.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	150.88%#

Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	53	3.48	ug/l	# 41
11) Tert butyl alcohol	5.226	59	3806	14.87	ug/l	# 73
13) Acrolein	3.938	56	97	Below	Cal	# 16
15) Acrylonitrile	5.491	53	16474	16.37	ug/l	# 40
16) Acetone	4.156	43	92218	136.85	ug/l	99
20) Methylene Chloride	4.962	84	27065	Below	Cal	# 78
25) 2-Butanone	7.214	43	48277	43.24	ug/l	# 76
26) 2,2-Dichloropropane	7.032	77	10601	1.21	ug/l	# 51
27) cis-1,2-Dichloroethene	7.214	96	44524	6.60	ug/l	89
29) Tetrahydrofuran	7.556	42	1907	2.70	ug/l	# 25
30) Chloroform	7.673	83	59250	5.53	ug/l	# 17
31) Cyclohexane	7.979	56	1718137	191.71	ug/l	# 85
36) 1,1-Dichloropropene	7.979	75	42423	5.09	ug/l	# 57
37) Ethyl Acetate	7.214	43	48277	18.35	ug/l	# 1
38) Carbon Tetrachloride	7.979	117	54423	6.54	ug/l	# 15
39) Methylcyclohexane	9.355	83	6933420	674.01	ug/l	96
40) Benzene	8.356	78	169805	6.98	ug/l	93
41) Methacrylonitrile	7.561	41	12243	7.95	ug/l	# 34
43) Isopropyl Acetate	8.456	43	346128	68.61	ug/l	# 46
44) Trichloroethene	9.114	130	7495	1.11	ug/l	57
47) Bromodichloromethane	9.644	83	266981	31.46	ug/l	# 26
48) Methyl methacrylate	9.408	41	382577	149.63	ug/l	# 23
51) 4-Methyl-2-Pentanone	10.273	43	182408	69.45	ug/l	# 74
52) Toluene	10.403	92	7633274	496.05	ug/l	91
55) 1,1,2-Trichloroethane	10.773	97	1303758	280.16	ug/l	# 22
56) Ethyl methacrylate	10.679	69	318424	63.33	ug/l	# 32
58) 2-Chloroethyl Vinyl ether	9.926	63	13486	5.26	ug/l	# 47
59) 2-Hexanone	10.955	43	907406	514.55	ug/l	# 25
60) Dibromochloromethane	11.355	129	7968	1.38	ug/l	70
61) 1,2-Dibromoethane	11.208	107	7744	1.72	ug/l	# 1
64) Tetrachloroethene	10.879	164	63698	11.00	ug/l	96
67) Ethyl Benzene	11.744	91	10262717	334.64	ug/l	94
68) m/p-Xylenes	11.844	106	20306004	1699.45	ug/l	# 1
69) o-Xylene	12.179	106	10995738	992.96	ug/l	70
70) Styrene	12.179	104	663268	34.85	ug/l	# 1
73) Isopropylbenzene	12.479	105	1421779	53.33	ug/l	100

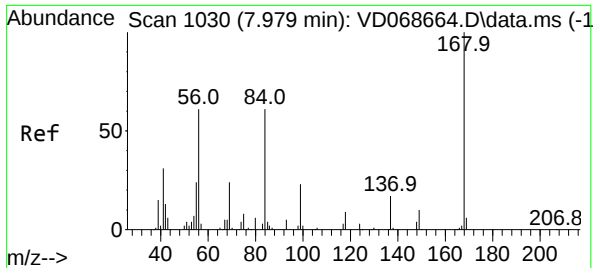
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
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 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.267	43	1000027	225.06	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.714	83	44015	9.35	ug/l #	1
76) 1,2,3-Trichloropropane	12.820	75	31319	9.70	ug/l #	100
77) Bromobenzene	12.555	156	42261	6.76	ug/l #	1
78) n-propylbenzene	12.820	91	5384096	169.63	ug/l	98
79) 2-Chlorotoluene	12.885	91	4950163	285.78	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.961	105	13899395	644.69	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.479	75	15681	11.05	ug/l #	5
82) 4-Chlorotoluene	12.955	91	1697983	91.76	ug/l #	43
83) tert-Butylbenzene	13.267	119	5898245	321.02	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.120	105	10164341	456.38	ug/l	81
85) sec-Butylbenzene	13.396	105	1039200	38.90	ug/l #	58
86) p-Isopropyltoluene	13.514	119	1578829	64.95	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	52020	4.17	ug/l #	1
88) 1,4-Dichlorobenzene	13.596	146	83426	6.81	ug/l #	1
89) n-Butylbenzene	13.838	91	1661683	72.01	ug/l #	63
90) Hexachloroethane	14.114	117	889029	203.30	ug/l #	14
91) 1,2-Dichlorobenzene	13.885	146	615178	58.07	ug/l #	58
92) 1,2-Dibromo-3-Chloropr...	14.479	75	68393	101.49	ug/l #	1
95) Naphthalene	15.396	128	15657399	1299.33	ug/l	95
96) 1,2,3-Trichlorobenzene	15.608	180	12301	2.10	ug/l #	42

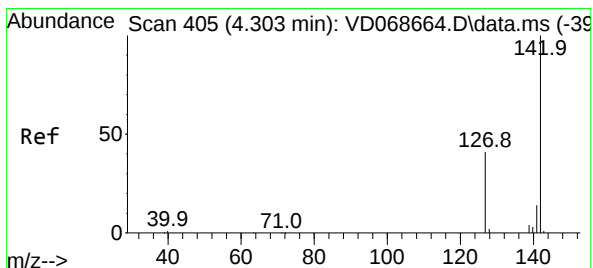
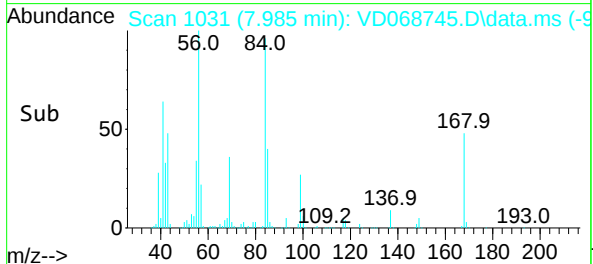
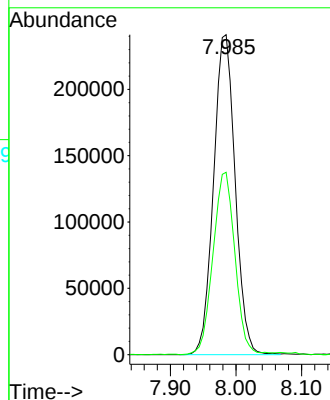
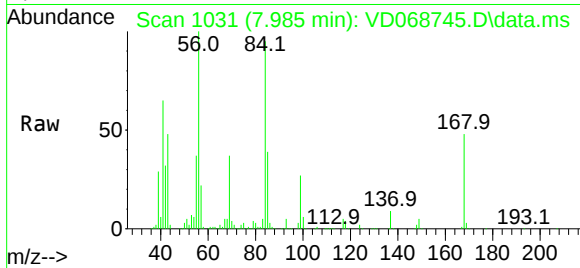
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

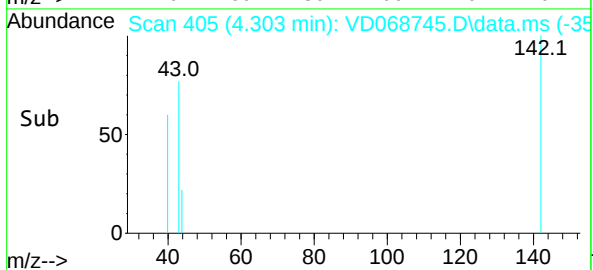
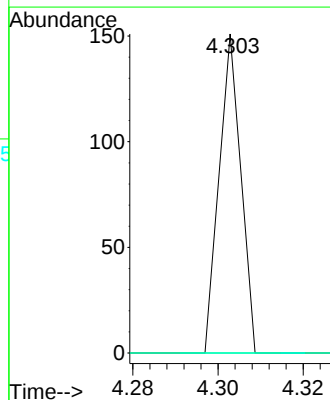
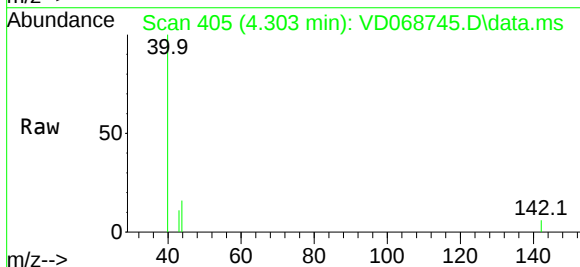
Instrument :
MSVOA_D
ClientSampled :

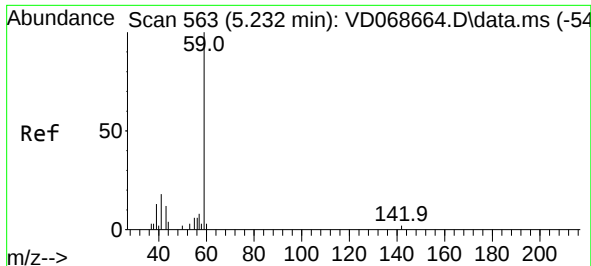
Tgt Ion:168 Resp: 550841
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

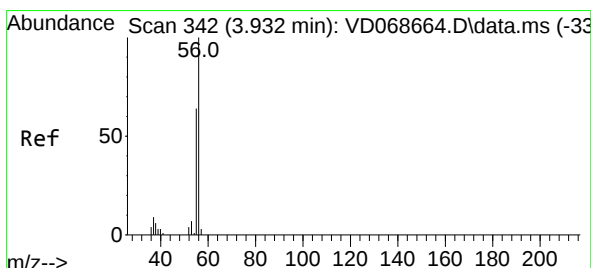
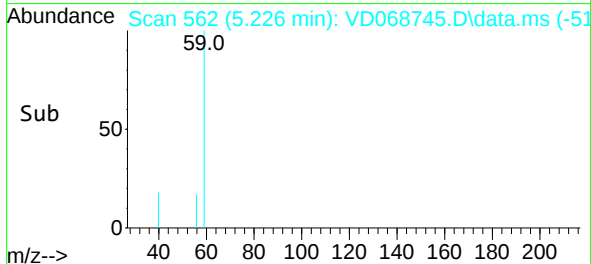
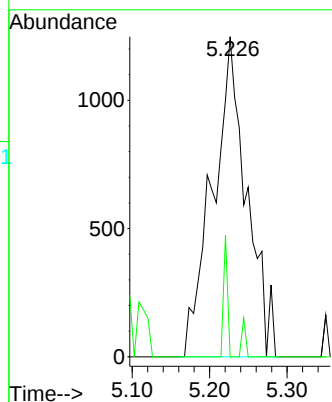
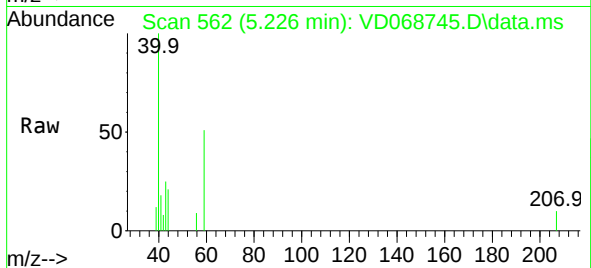




#11
Tert butyl alcohol
Concen: 14.87 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

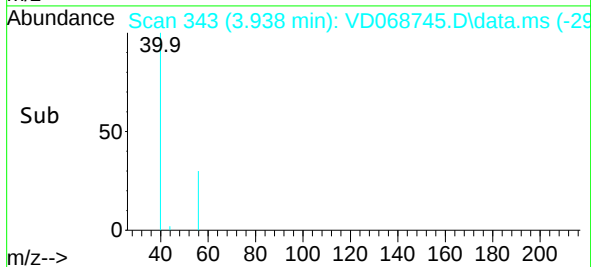
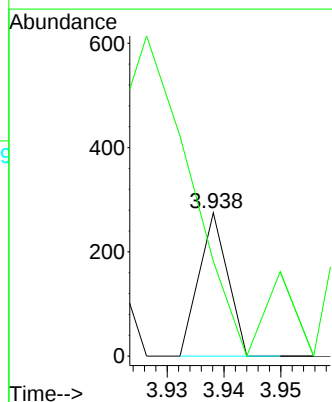
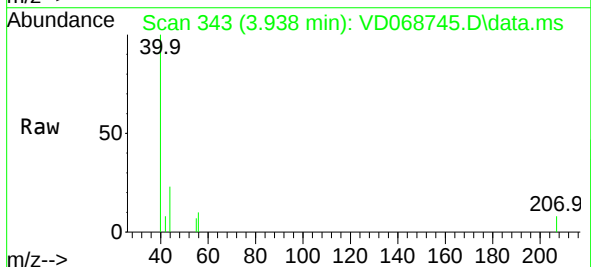
Instrument :
MSVOA_D
ClientSampleId :

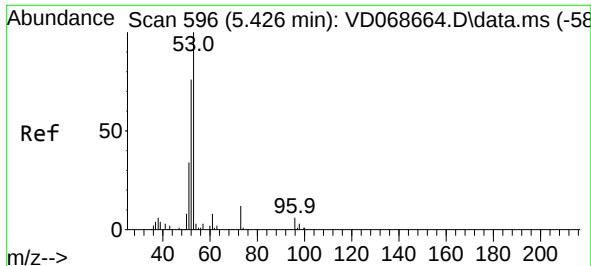
Tgt Ion: 59 Resp: 3806
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: Below Cal
RT: 3.938 min Scan# 343
Delta R.T. 0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#

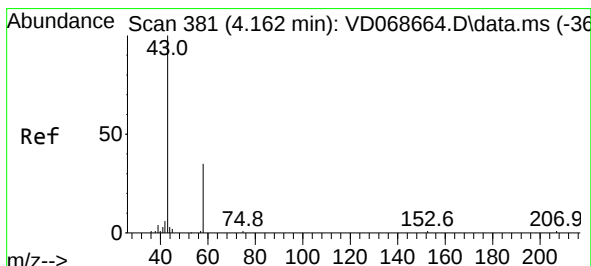
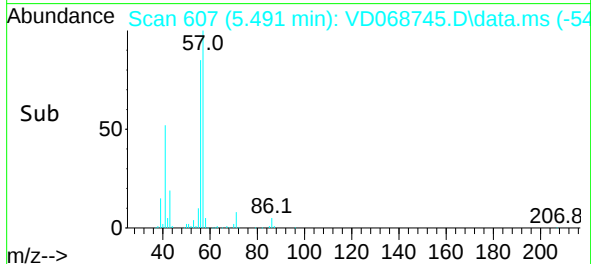
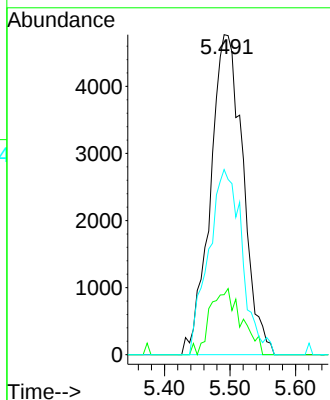
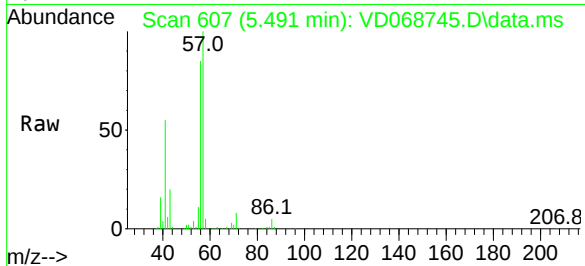




#15
Acrylonitrile
Concen: 16.37 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.065 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

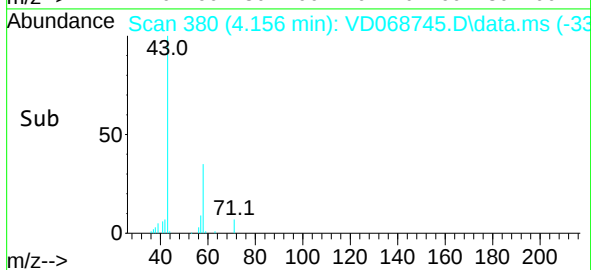
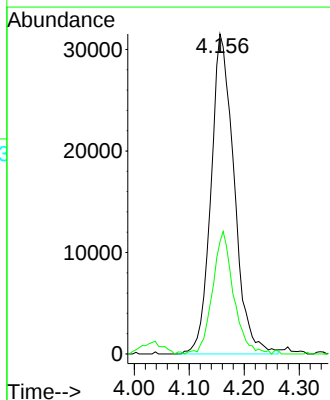
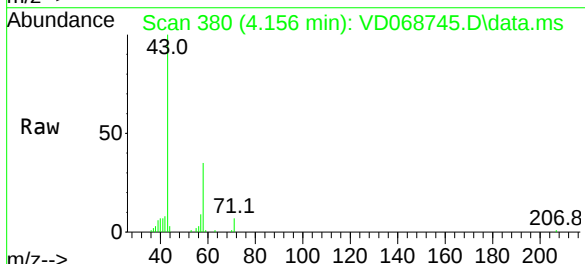
Instrument :
MSVOA_D
ClientSampleId :

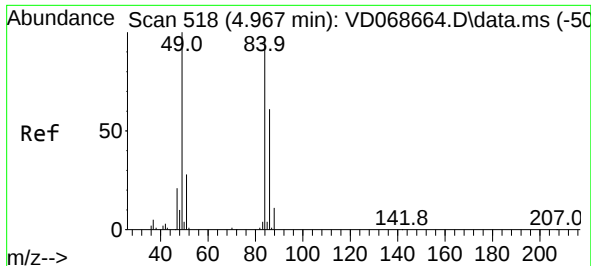
Tgt Ion: 53	Resp: 16474
Ion Ratio	Lower Upper
53 100	
52 19.8	63.3 94.9#
51 59.8	28.3 42.5#



#16
Acetone
Concen: 136.85 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

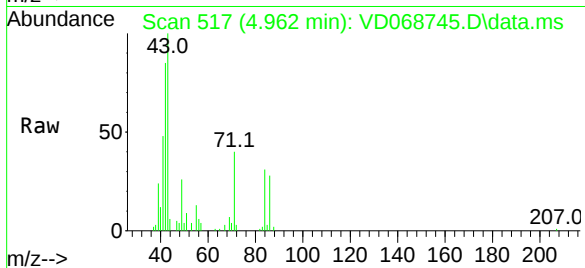
Tgt Ion: 43	Resp: 92218
Ion Ratio	Lower Upper
43 100	
58 34.5	28.0 42.0



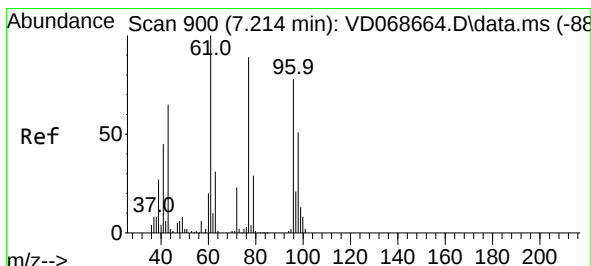
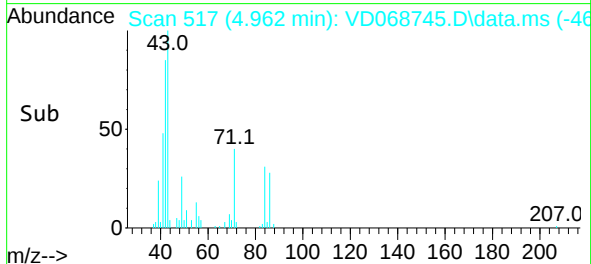
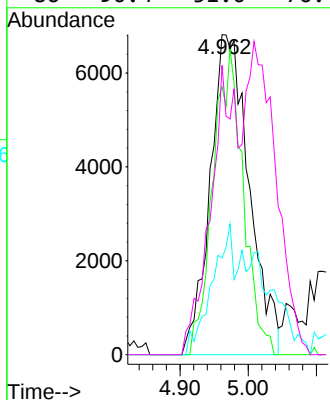


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Instrument :
MSVOA_D
ClientSampleId :

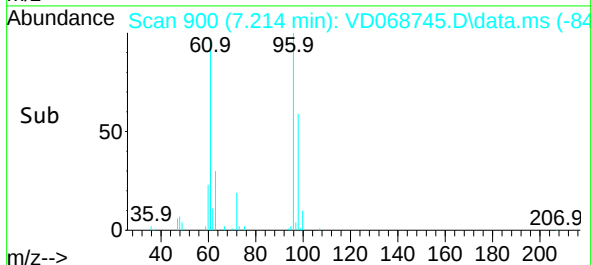
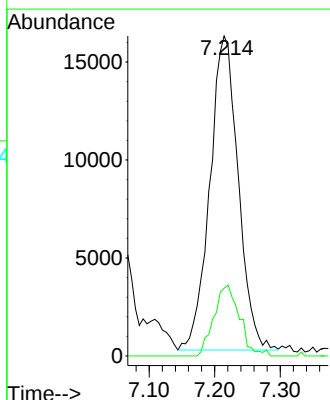
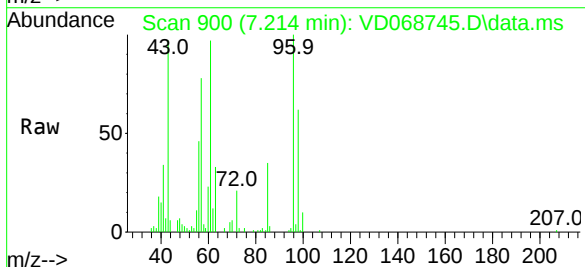


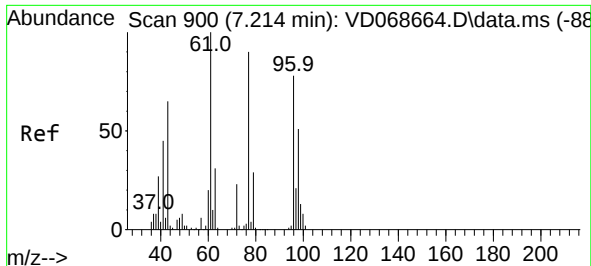
Tgt Ion: 84 Resp: 27065
Ion Ratio Lower Upper
84 100
49 83.7 83.4 125.0
51 30.3 23.4 35.2
86 90.4 51.0 76.4#



#25
2-Butanone
Concen: 43.24 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 43 Resp: 48277
Ion Ratio Lower Upper
43 100
72 21.5 28.6 43.0#

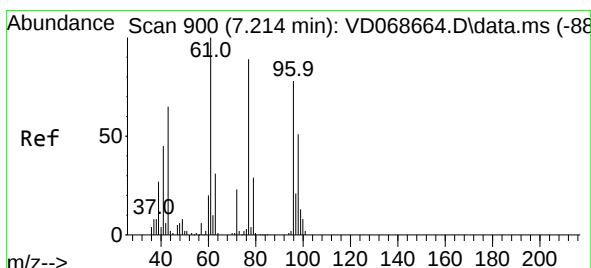
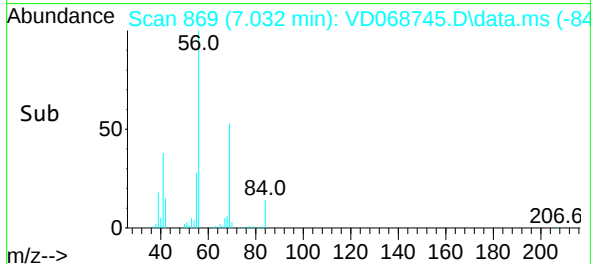
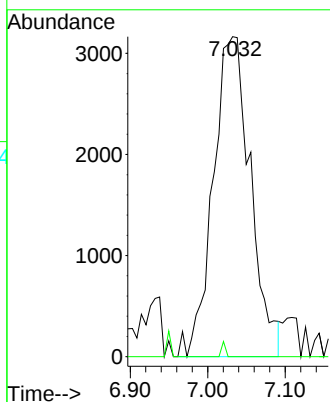
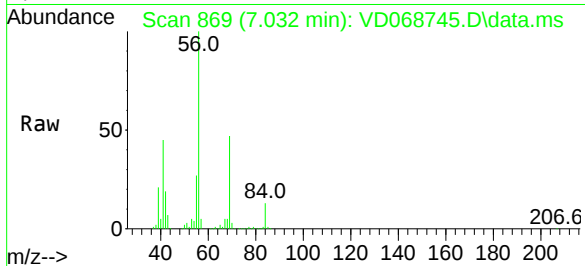




#26
2,2-Dichloropropane
Concen: 1.21 ug/l
RT: 7.032 min Scan# 869
Delta R.T. -0.182 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

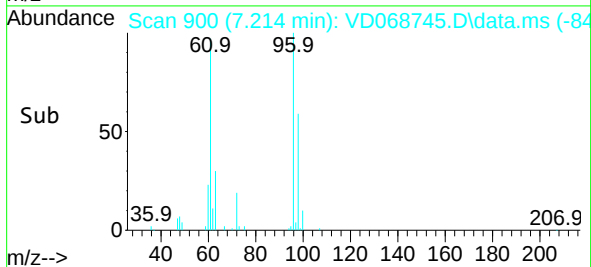
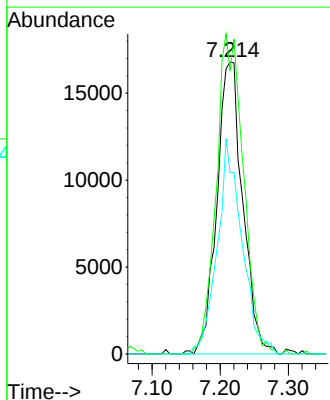
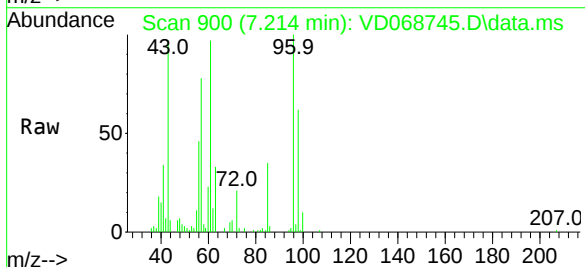
Instrument :
MSVOA_D
ClientSampled :

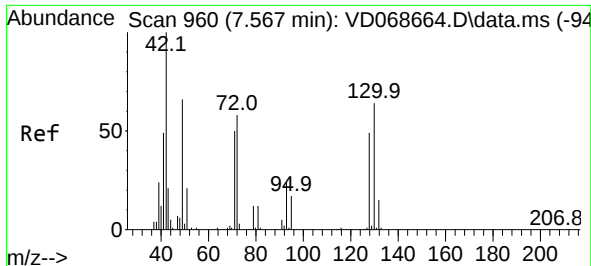
Tgt Ion: 77 Resp: 10601
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#27
cis-1,2-Dichloroethene
Concen: 6.60 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 96 Resp: 44524
Ion Ratio Lower Upper
96 100
61 114.5 0.0 258.8
98 69.7 0.0 128.4





#29

Tetrahydrofuran

Concen: 2.70 ug/l

RT: 7.556 min Scan# 958

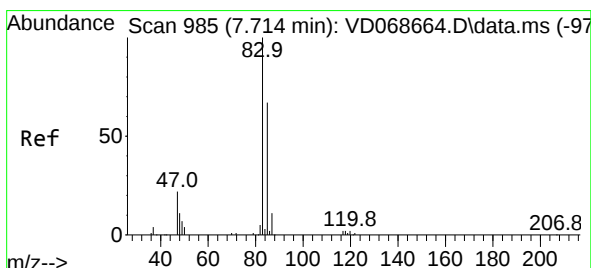
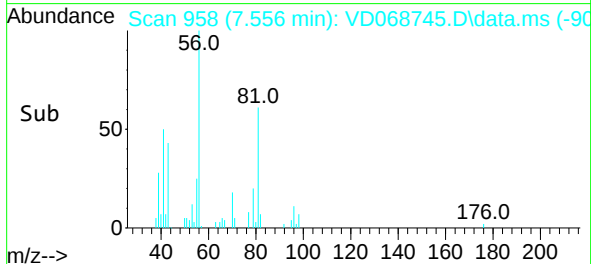
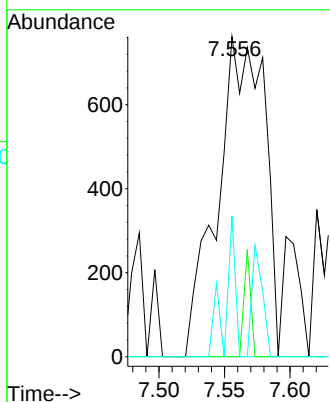
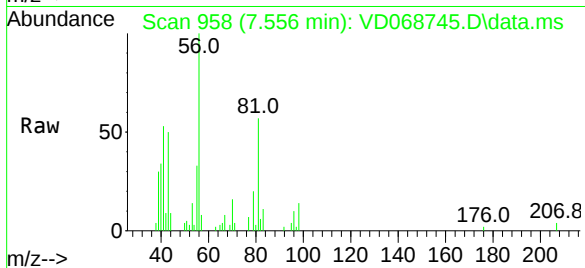
Delta R.T. -0.012 min

Lab File: VD068745.D

Acq: 31 Mar 2021 19:26

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42	Resp: 1907
Ion Ratio	Lower Upper
42	100
72	0.0 45.2 67.8#
71	0.0 40.8 61.2#



#30

Chloroform

Concen: 5.53 ug/l

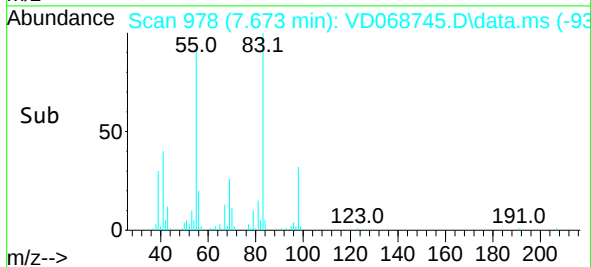
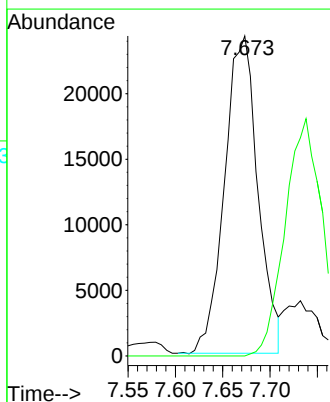
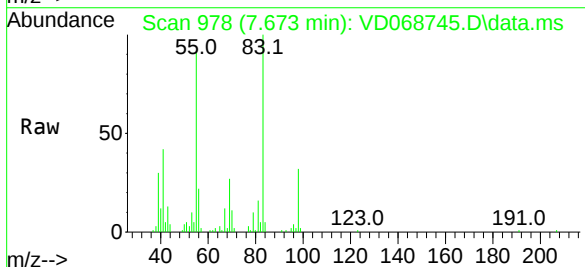
RT: 7.673 min Scan# 978

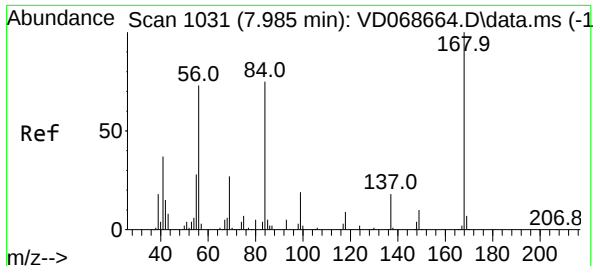
Delta R.T. -0.041 min

Lab File: VD068745.D

Acq: 31 Mar 2021 19:26

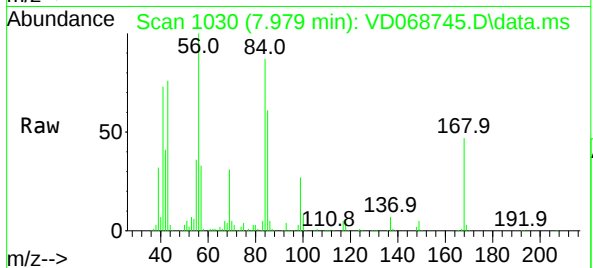
Tgt Ion: 83	Resp: 59250
Ion Ratio	Lower Upper
83	100
85	0.0 53.3 79.9#



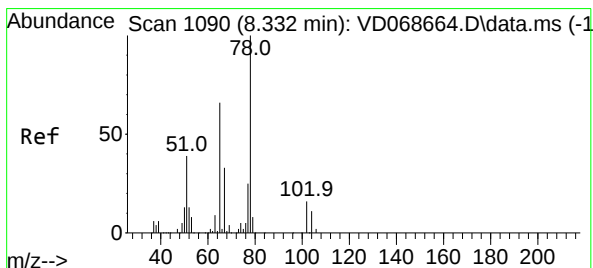
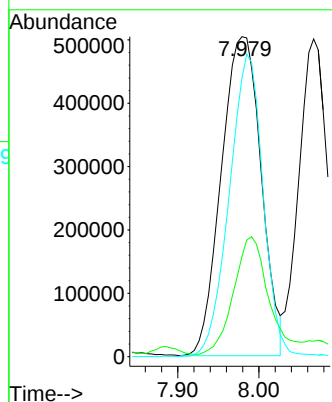
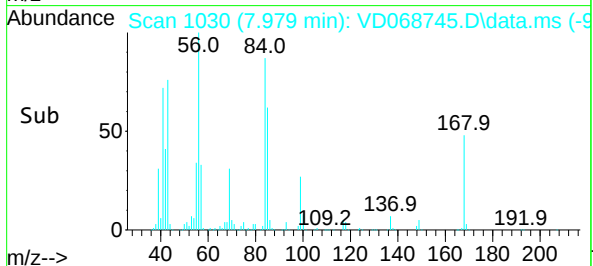


#31
Cyclohexane
Concen: 191.71 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

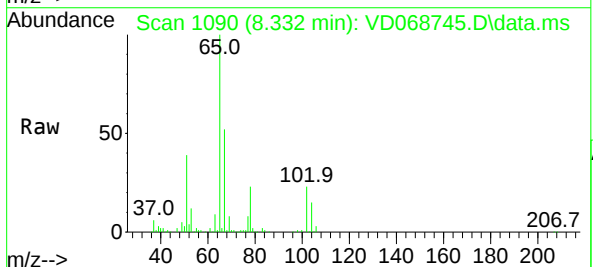
Instrument :
MSVOA_D
ClientSampleId :



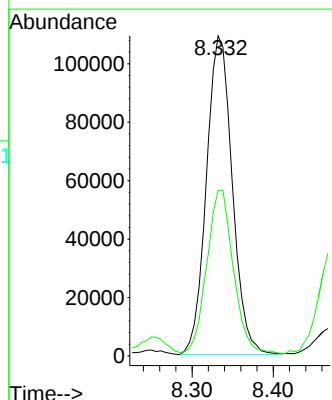
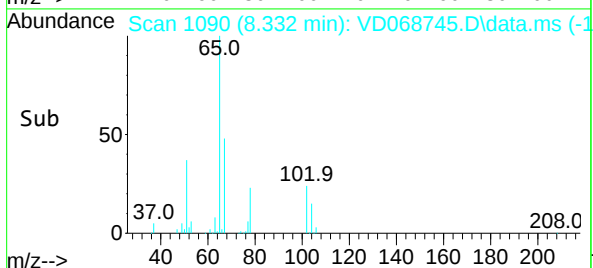
Tgt Ion: 56 Resp: 1718137
Ion Ratio Lower Upper
56 100
69 29.5 30.0 45.0#
84 87.3 82.0 123.0

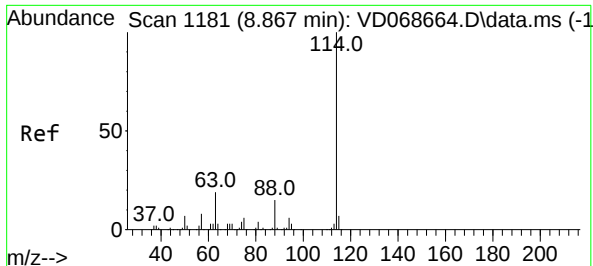


#33
1,2-Dichloroethane-d4
Concen: 43.58 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26



Tgt Ion: 65 Resp: 242052
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

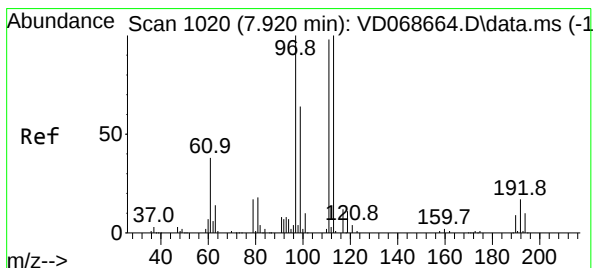
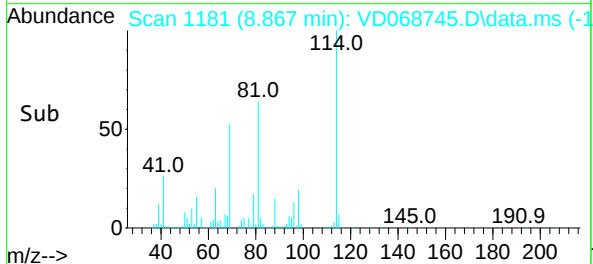
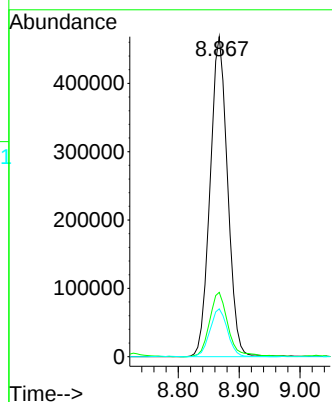
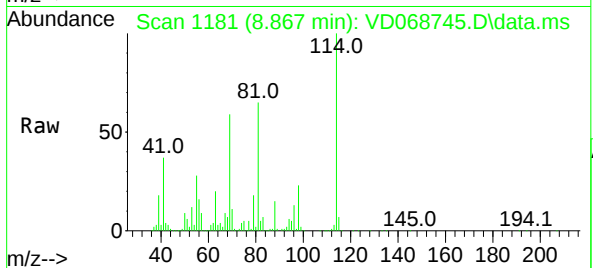




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

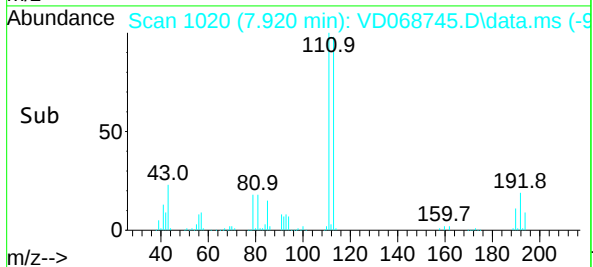
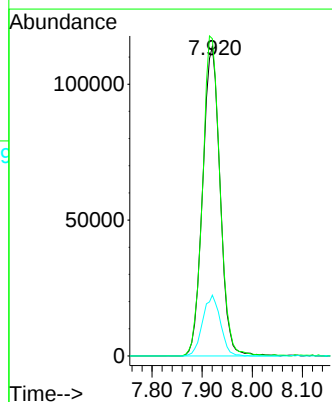
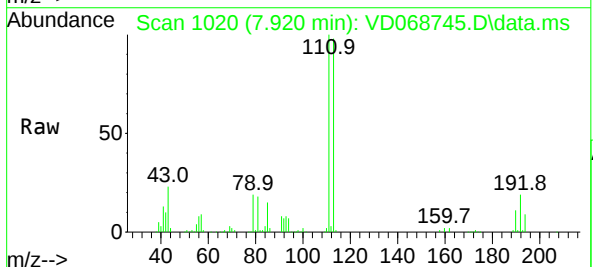
Instrument :
MSVOA_D
ClientSampleId :

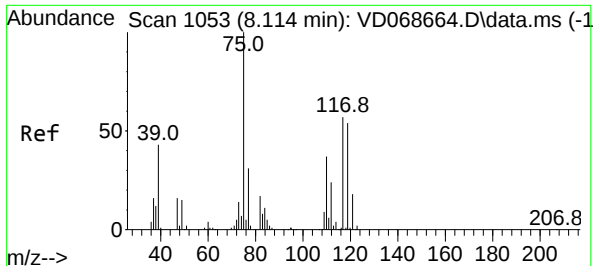
Tgt Ion:114 Resp: 933112
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.46 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:113 Resp: 275551
Ion Ratio Lower Upper
113 100
111 102.9 82.5 123.7
192 19.9 15.1 22.7

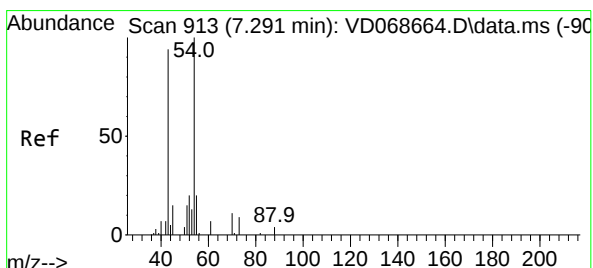
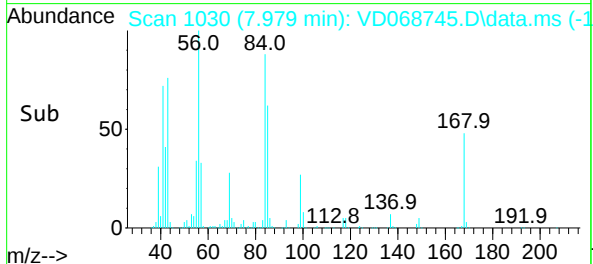
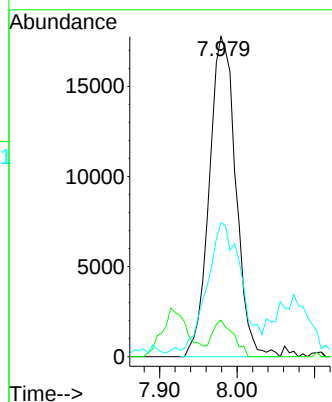
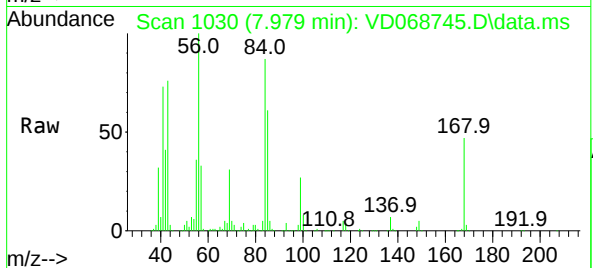




#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

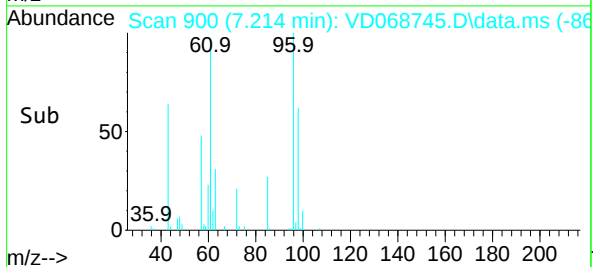
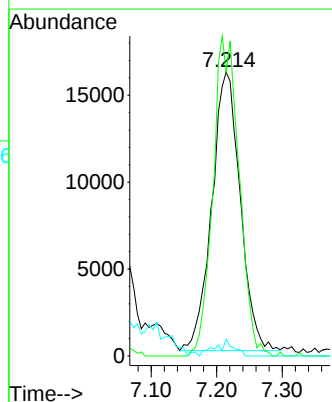
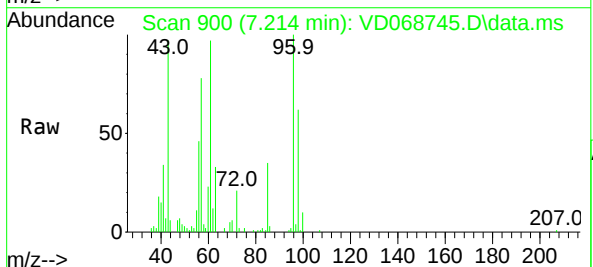
Instrument :
MSVOA_D
ClientSampleId :

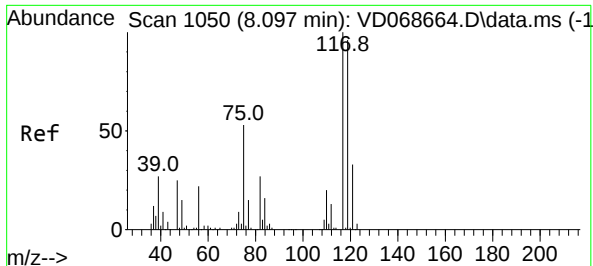
Tgt Ion: 75 Resp: 42423
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 52.4 24.7 37.1#



#37
Ethyl Acetate
Concen: 18.35 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.076 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

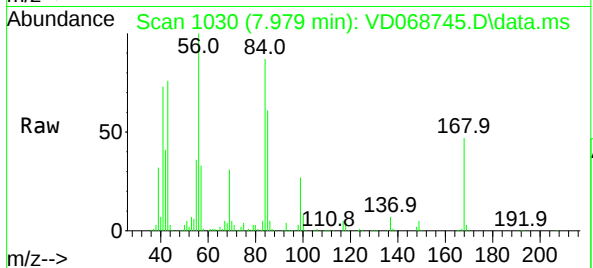
Tgt Ion: 43 Resp: 48277
Ion Ratio Lower Upper
43 100
61 105.6 14.2 21.4#
70 3.8 9.4 14.0#



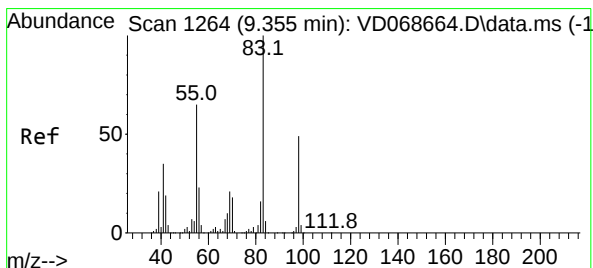
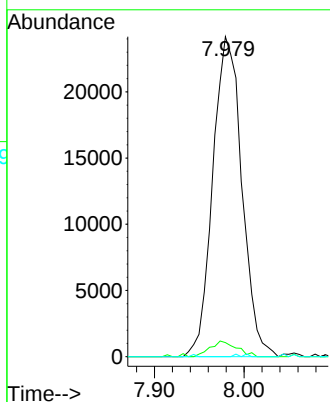
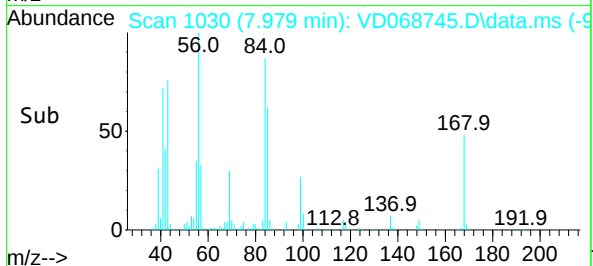


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

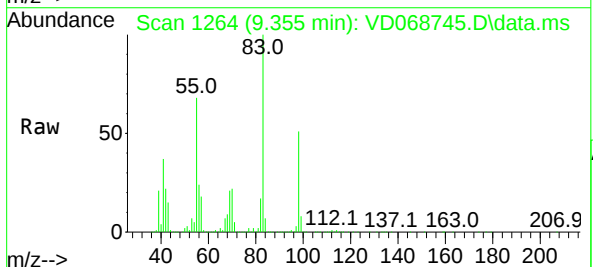
Instrument :
MSVOA_D
ClientSampleId :



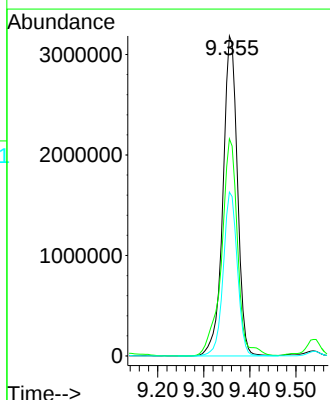
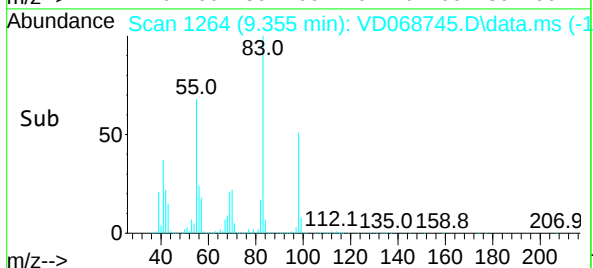
Tgt Ion:117 Resp: 54423
Ion Ratio Lower Upper
117 100
119 4.4 76.6 115.0#
121 0.0 26.1 39.1#

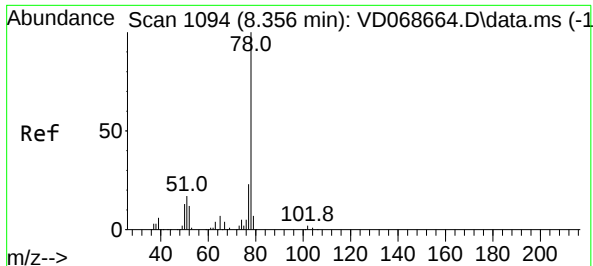


#39
Methylcyclohexane
Concen: 674.01 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26



Tgt Ion: 83 Resp: 6933420
Ion Ratio Lower Upper
83 100
55 67.8 51.7 77.5
98 51.2 38.8 58.2

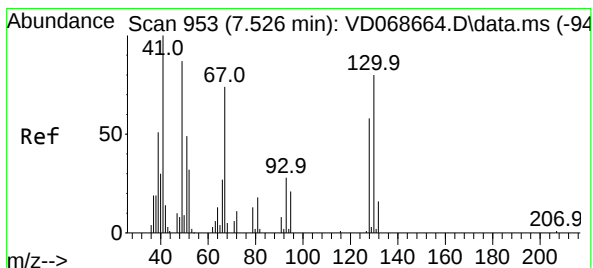
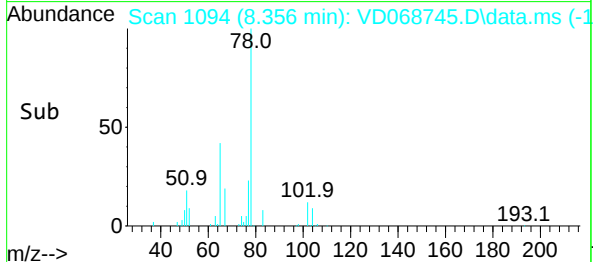
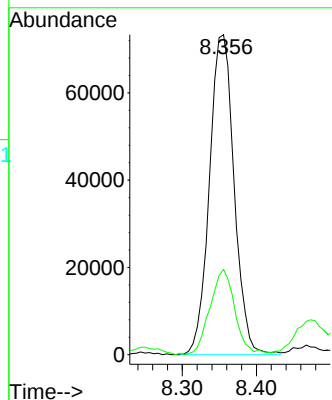
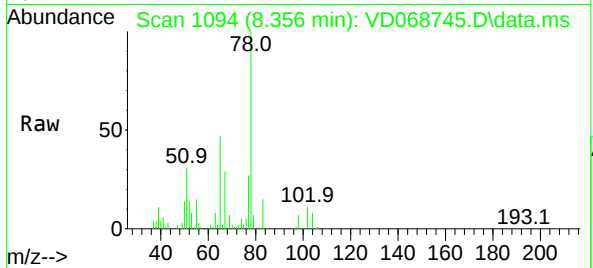




#40
Benzene
Concen: 6.98 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

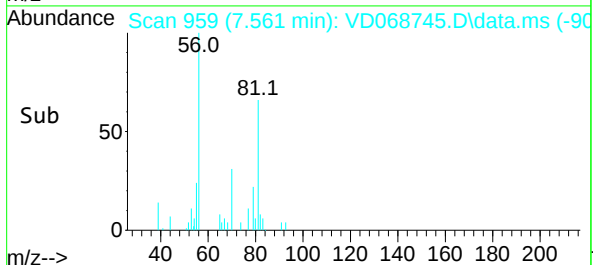
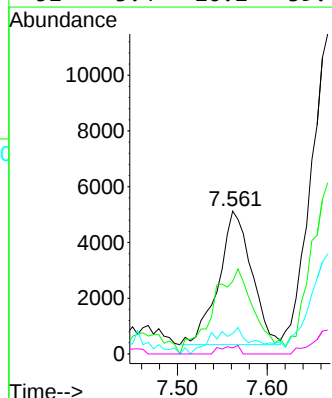
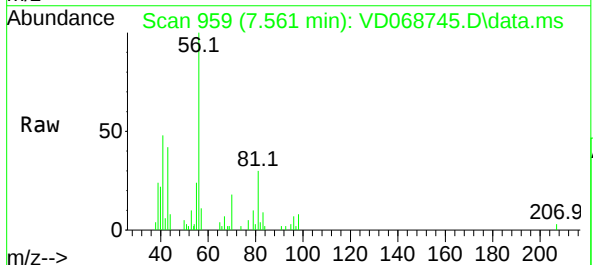
Instrument :
MSVOA_D
ClientSampled :

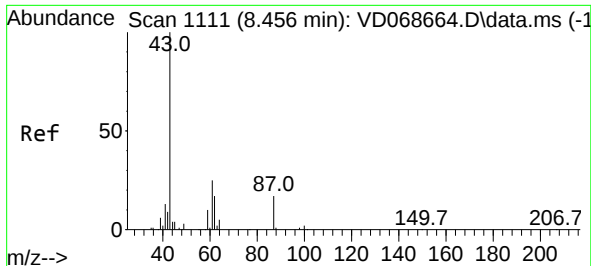
Tgt Ion: 78 Resp: 169805
Ion Ratio Lower Upper
78 100
77 26.2 18.2 27.2



#41
Methacrylonitrile
Concen: 7.95 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.035 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 41 Resp: 12243
Ion Ratio Lower Upper
41 100
39 80.6 43.2 64.8#
67 0.0 63.9 95.9#
52 3.4 26.2 39.4#

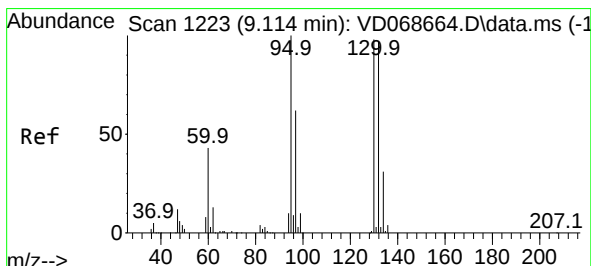
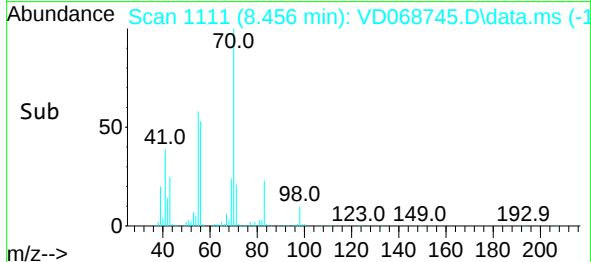
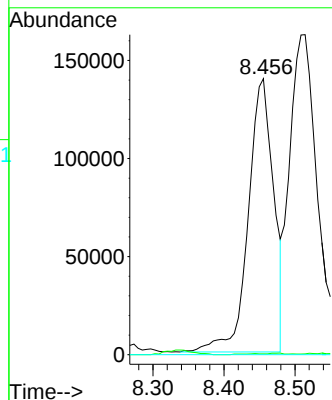
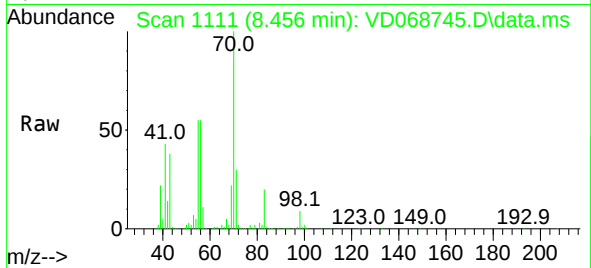




#43
Isopropyl Acetate
Concen: 68.61 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

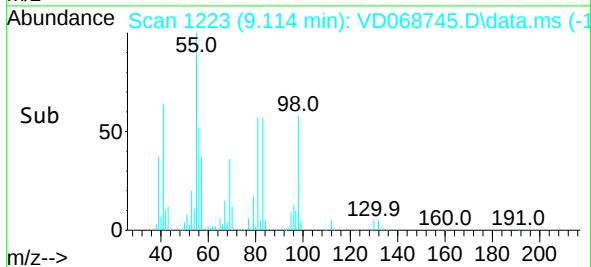
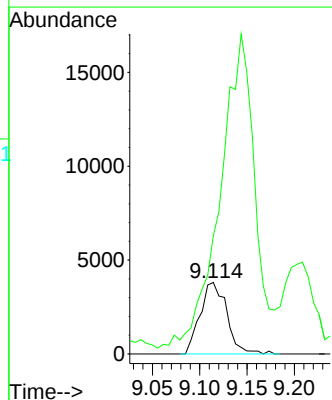
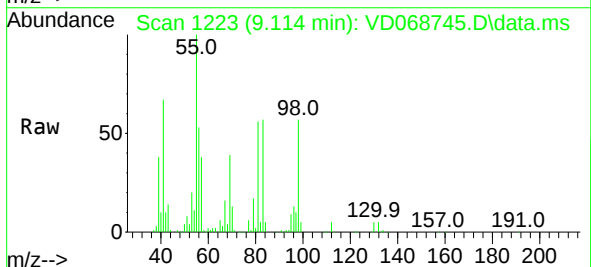
Instrument :
MSVOA_D
ClientSampled :

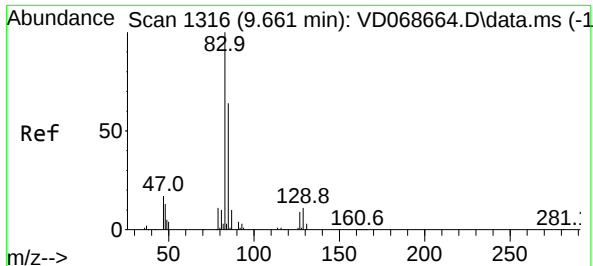
Tgt Ion: 43 Resp: 346128
Ion Ratio Lower Upper
43 100
61 0.4 29.5 44.3#
87 0.0 13.5 20.3#



#44
Trichloroethene
Concen: 1.11 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:130 Resp: 7495
Ion Ratio Lower Upper
130 100
95 145.7 0.0 203.8





#47

Bromodichloromethane

Concen: 31.46 ug/l

RT: 9.644 min Scan# 1313

Delta R.T. -0.018 min

Lab File: VD068745.D

Acq: 31 Mar 2021 19:26

Tgt Ion: 83 Resp: 266981

Ion Ratio Lower Upper

83 100

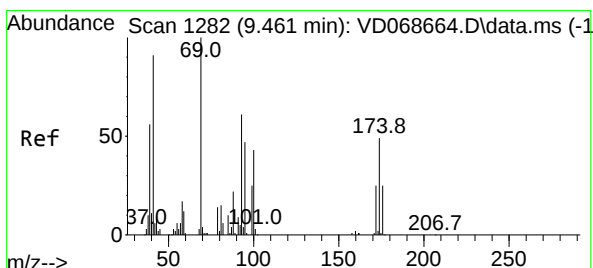
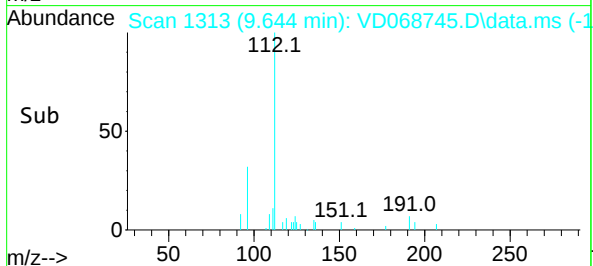
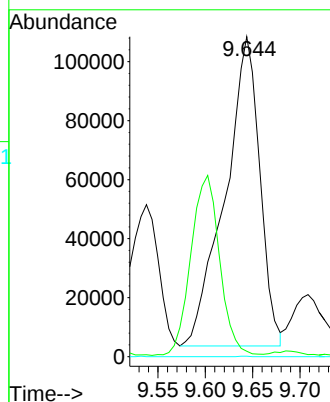
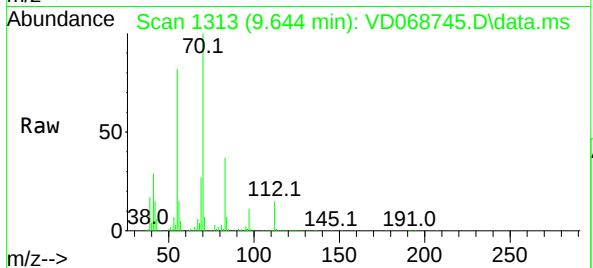
85 0.4 51.0 76.6#

127 0.2 7.1 10.7#

Instrument :

MSVOA_D

ClientSampleId :



#48

Methyl methacrylate

Concen: 149.63 ug/l

RT: 9.408 min Scan# 1273

Delta R.T. -0.053 min

Lab File: VD068745.D

Acq: 31 Mar 2021 19:26

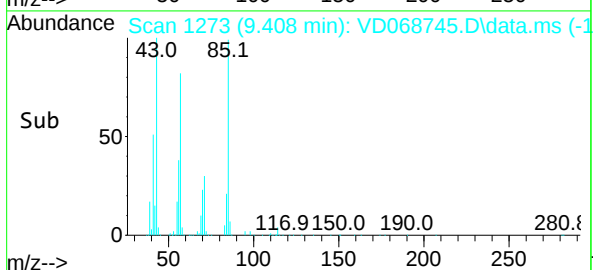
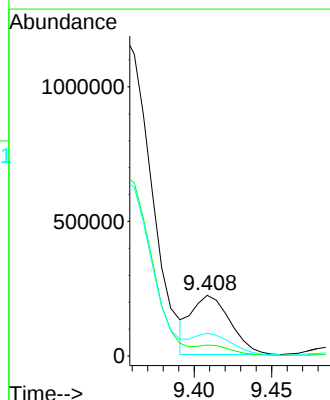
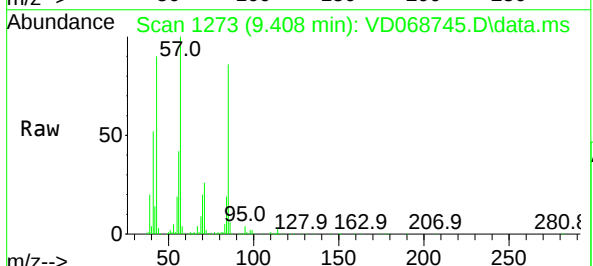
Tgt Ion: 41 Resp: 382577

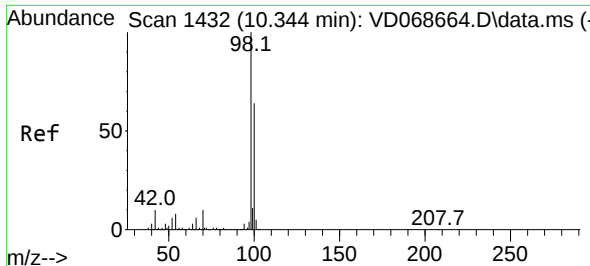
Ion Ratio Lower Upper

41 100

69 0.0 83.0 124.6#

39 33.5 47.0 70.6#

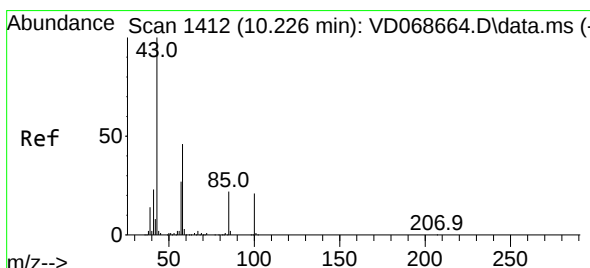
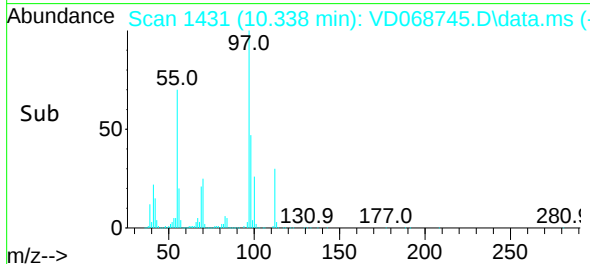
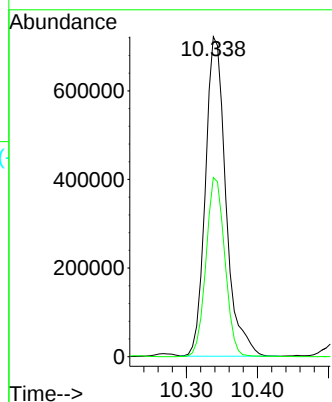
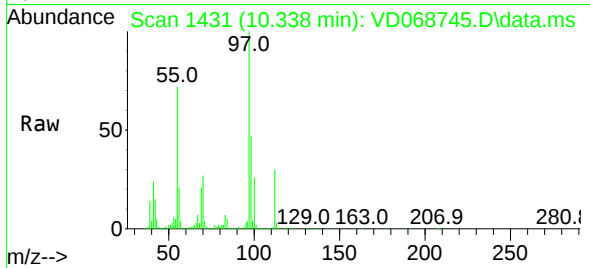




#50
Toluene-d8
Concen: 64.48 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

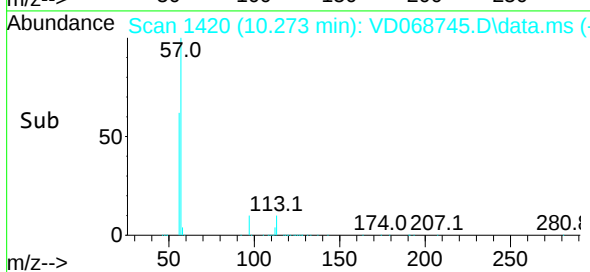
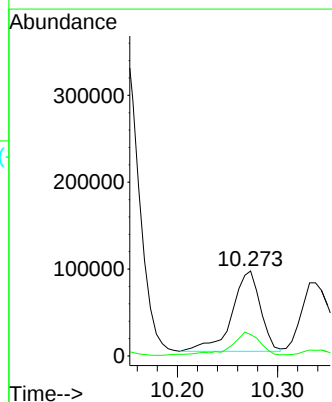
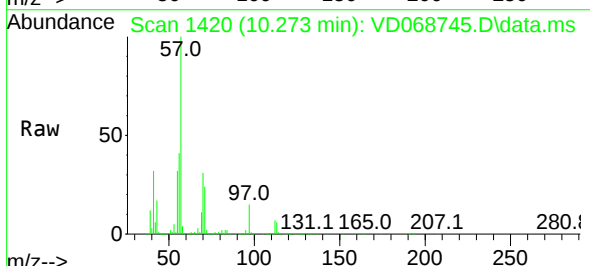
Instrument :
MSVOA_D
ClientSampleId :

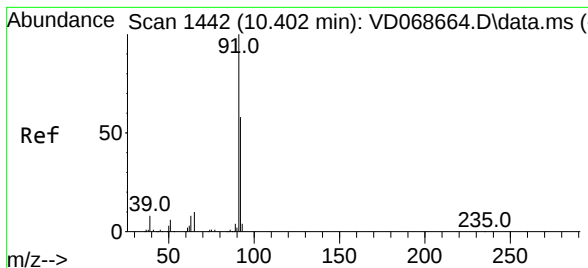
Tgt Ion: 98 Resp: 1443359
Ion Ratio Lower Upper
98 100
100 51.7 51.8 77.6#



#51
4-Methyl-2-Pentanone
Concen: 69.45 ug/l
RT: 10.273 min Scan# 1420
Delta R.T. 0.047 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 43 Resp: 182408
Ion Ratio Lower Upper
43 100
58 29.4 37.3 55.9#

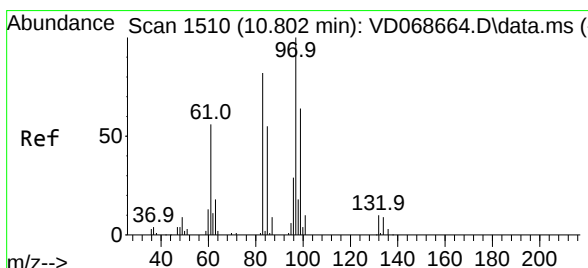
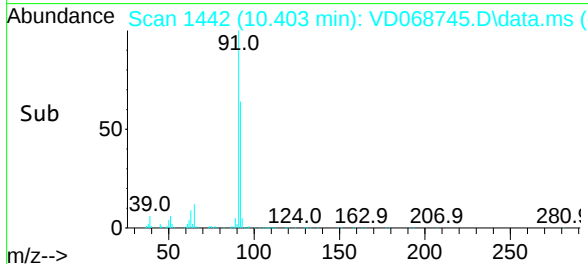
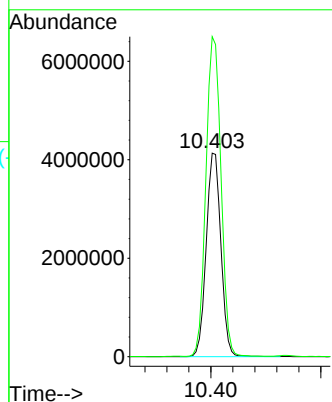
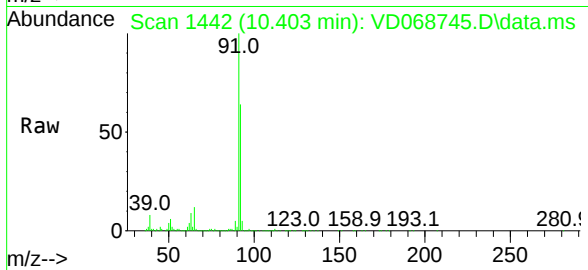




#52
Toluene
Concen: 496.05 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

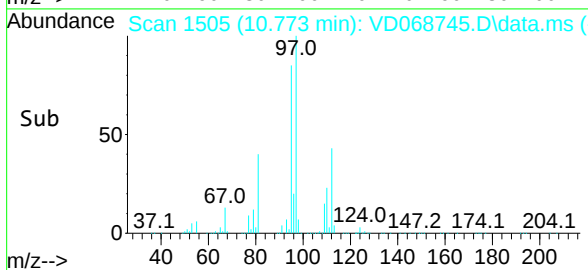
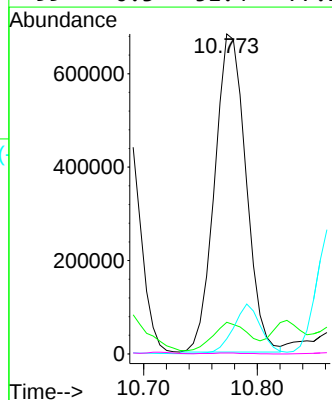
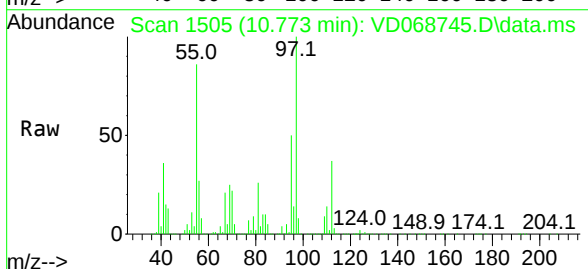
Instrument :
MSVOA_D
ClientSampleId :

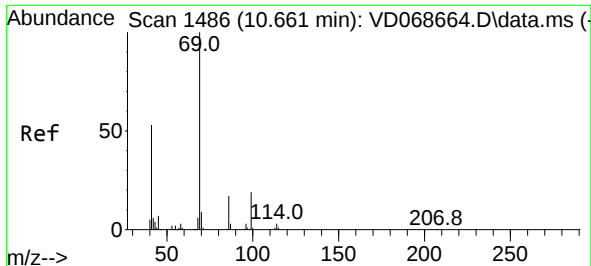
Tgt Ion: 92 Resp: 7633274
Ion Ratio Lower Upper
92 100
91 161.9 139.1 208.7



#55
1,1,2-Trichloroethane
Concen: 280.16 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.029 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 97 Resp: 1303758
Ion Ratio Lower Upper
97 100
83 8.9 65.7 98.5#
85 4.7 44.3 66.5#
99 0.3 51.4 77.2#

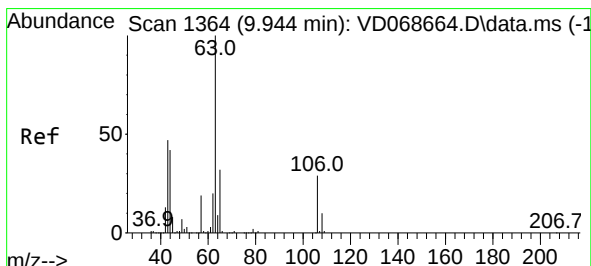
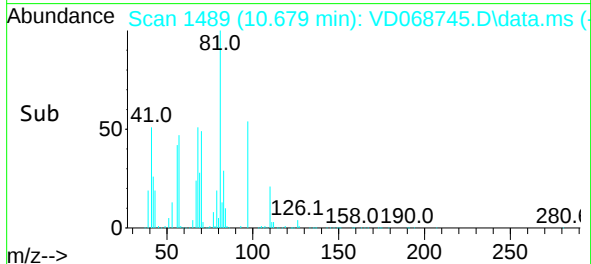
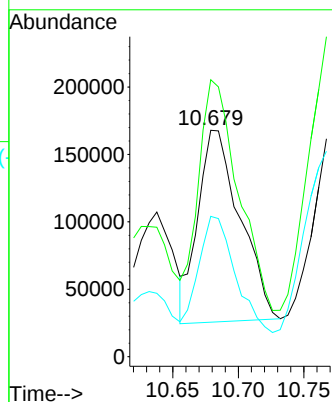
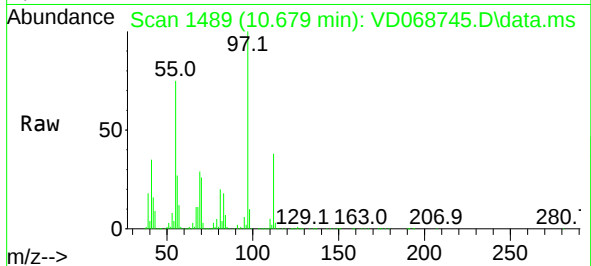




#56
Ethyl methacrylate
Concen: 63.33 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

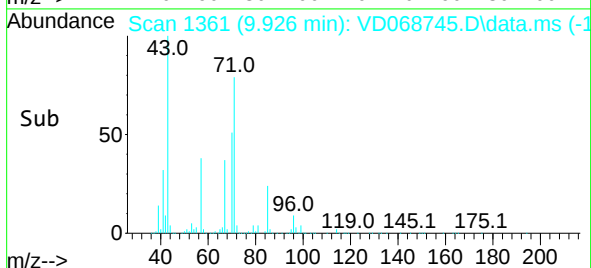
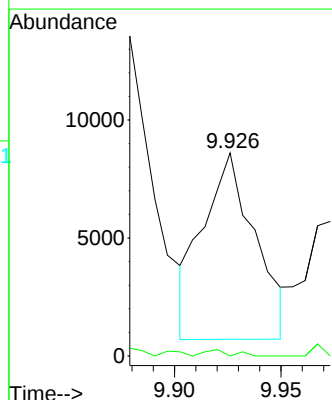
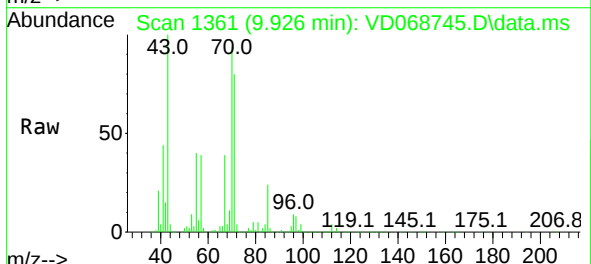
Instrument :
MSVOA_D
ClientSampleId :

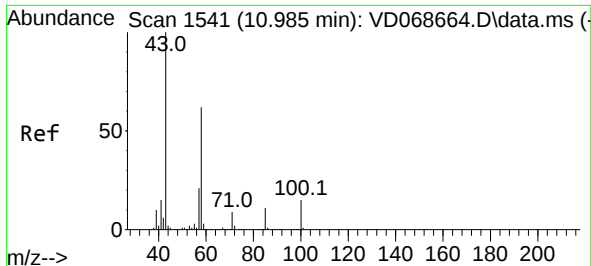
Tgt Ion: 69 Resp: 318424
Ion Ratio Lower Upper
69 100
41 112.2 42.2 63.4#
39 52.1 24.2 36.2#



#58
2-Chloroethyl Vinyl ether
Concen: 5.26 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.018 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 63 Resp: 13486
Ion Ratio Lower Upper
63 100
106 1.6 24.6 36.8#

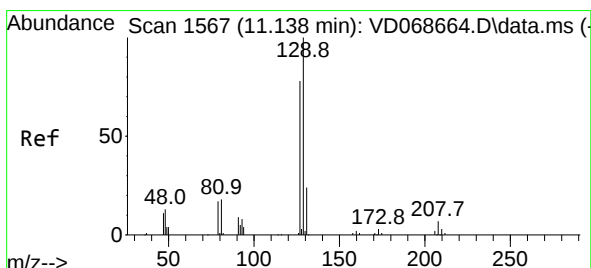
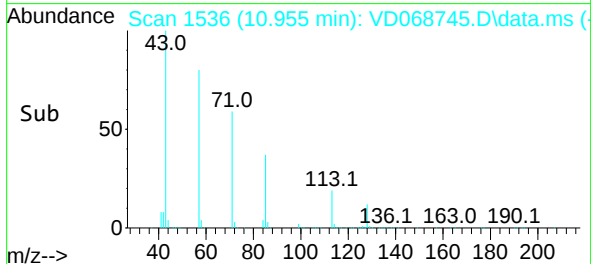
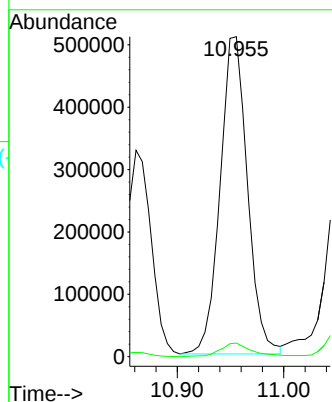
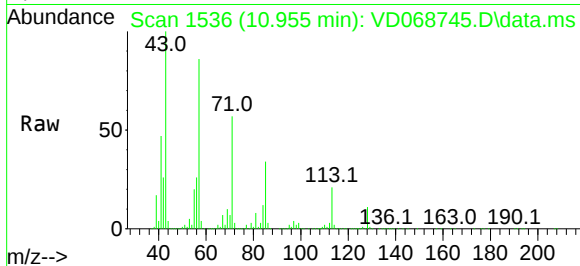




#59
2-Hexanone
Concen: 514.55 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

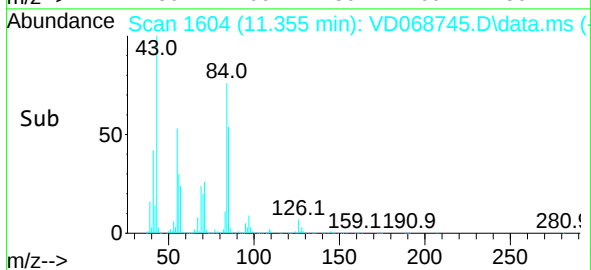
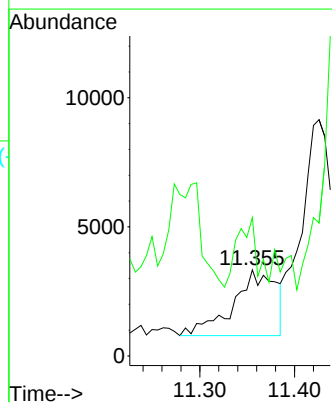
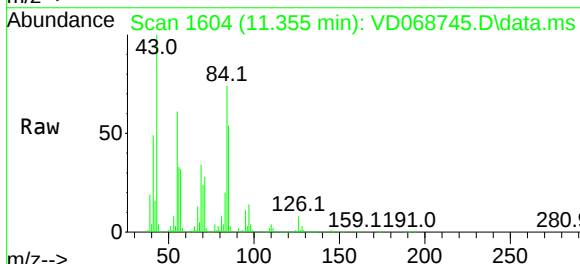
Instrument :
MSVOA_D
ClientSampled :

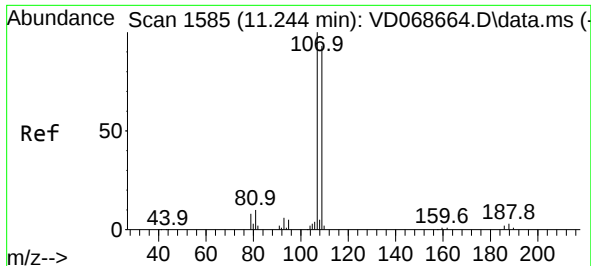
Tgt Ion: 43 Resp: 907406
Ion Ratio Lower Upper
43 100
58 4.9 31.3 93.8#



#60
Dibromochloromethane
Concen: 1.38 ug/l
RT: 11.355 min Scan# 1604
Delta R.T. 0.218 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

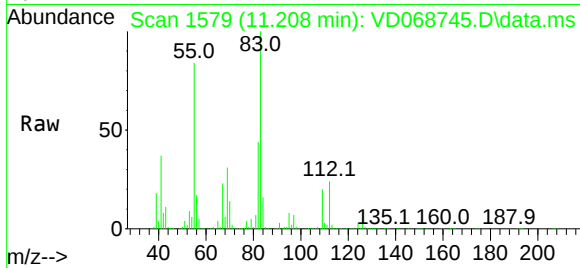
Tgt Ion: 129 Resp: 7968
Ion Ratio Lower Upper
129 100
127 51.6 38.8 116.3



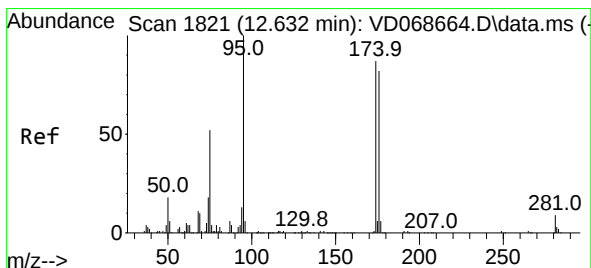
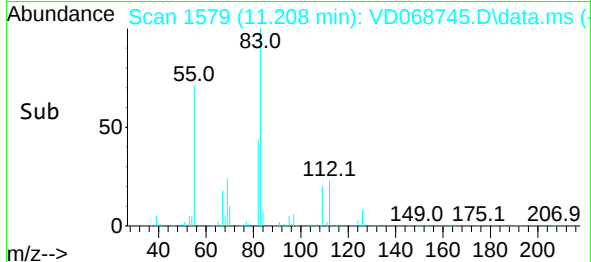
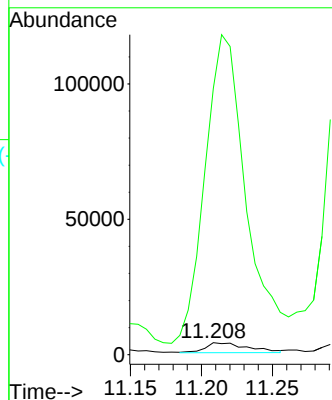


#61
1,2-Dibromoethane
Concen: 1.72 ug/l
RT: 11.208 min Scan# 1579
Delta R.T. -0.035 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Instrument :
MSVOA_D
ClientSampleId :

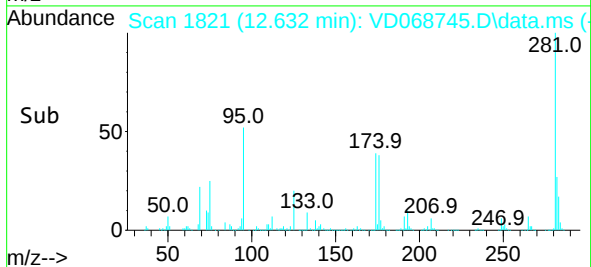
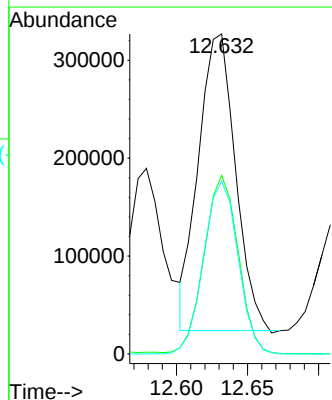
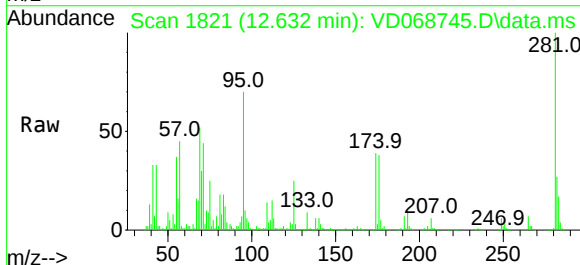


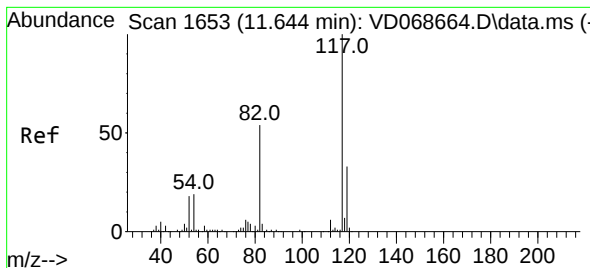
Tgt Ion:107 Resp: 7744
Ion Ratio Lower Upper
107 100
109 2952.4 74.9 112.3#



#62
4-Bromofluorobenzene
Concen: 75.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 95 Resp: 547515
Ion Ratio Lower Upper
95 100
174 55.7 0.0 168.0
176 54.6 0.0 160.2

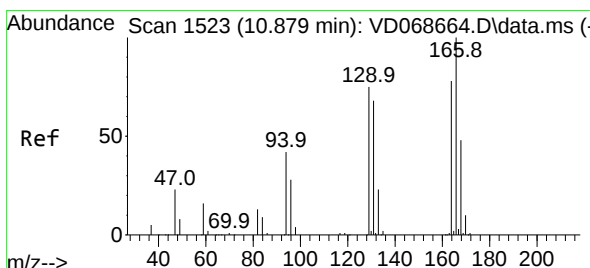
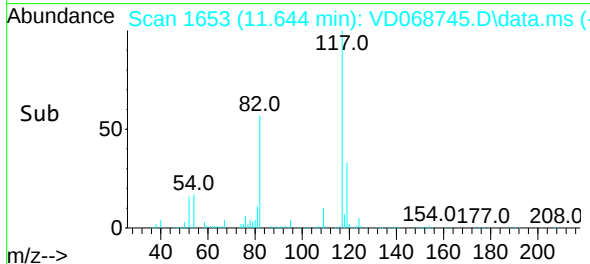
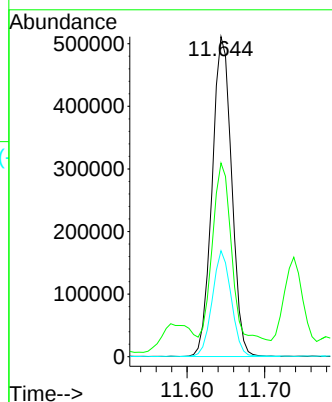
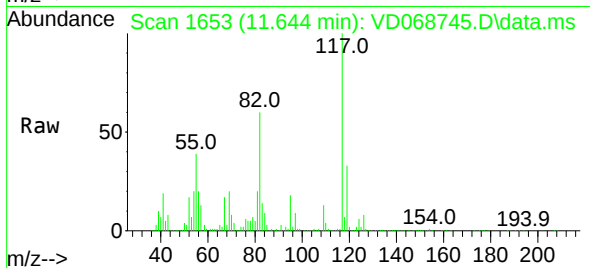




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

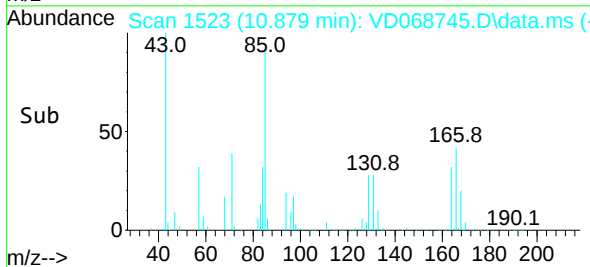
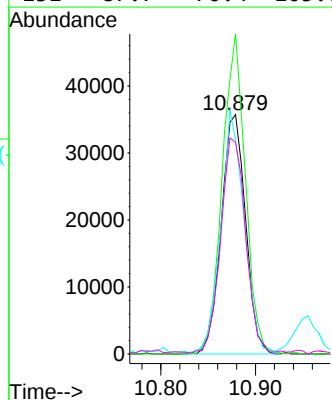
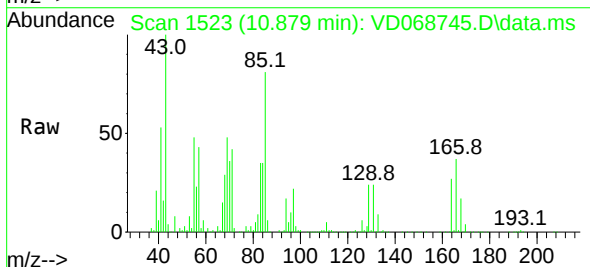
Instrument :
MSVOA_D
ClientSampleId :

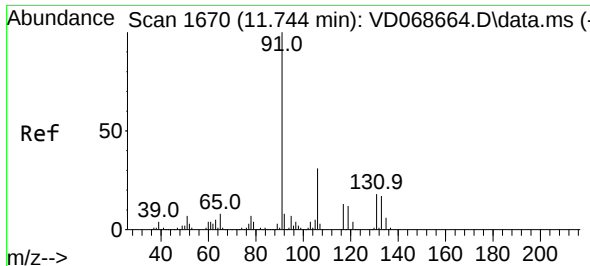
Tgt Ion:117 Resp: 893262
Ion Ratio Lower Upper
117 100
82 50.7 43.5 65.3
119 33.1 26.7 40.1



#64
Tetrachloroethene
Concen: 11.00 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:164 Resp: 63698
Ion Ratio Lower Upper
164 100
166 133.7 103.0 154.6
129 88.4 77.4 116.0
131 87.7 70.4 105.6

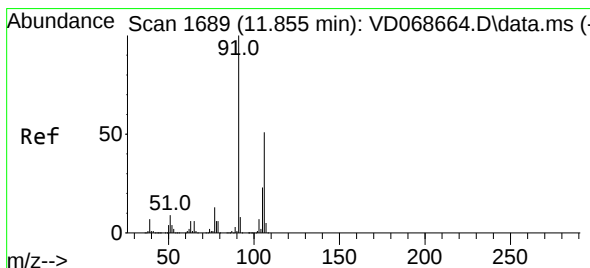
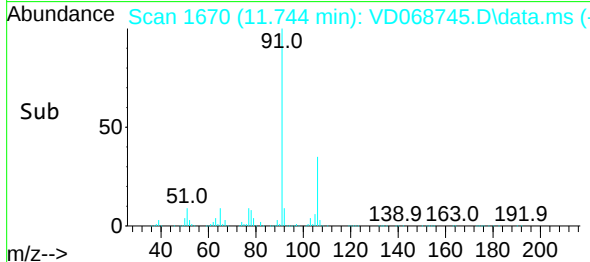
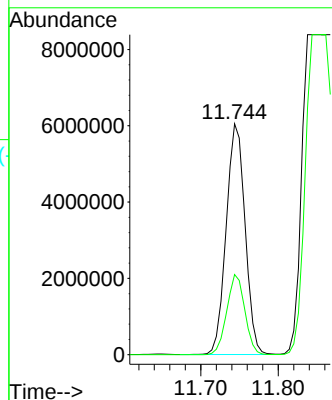
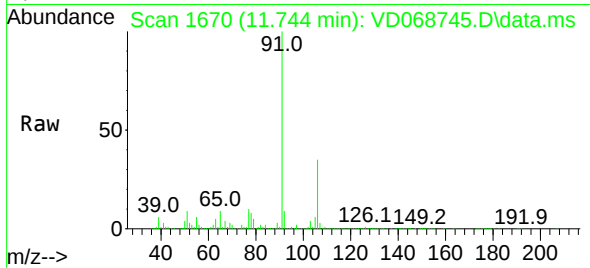




#67
Ethyl Benzene
Concen: 334.64 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

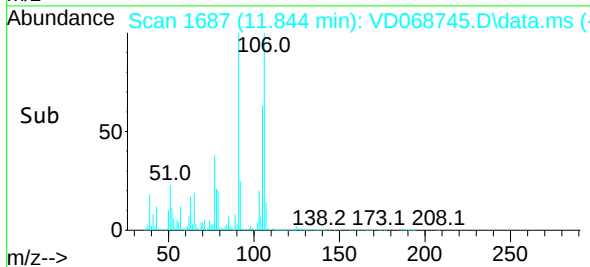
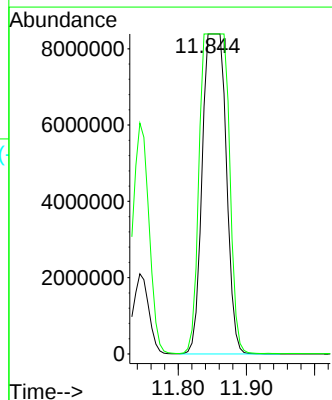
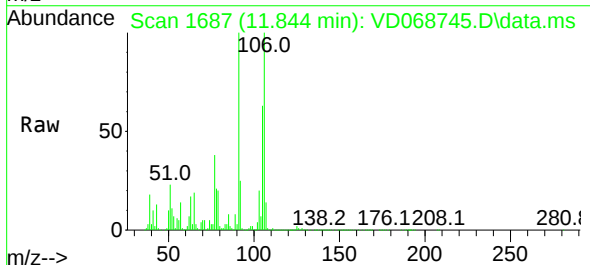
Instrument :
MSVOA_D
ClientSampleId :

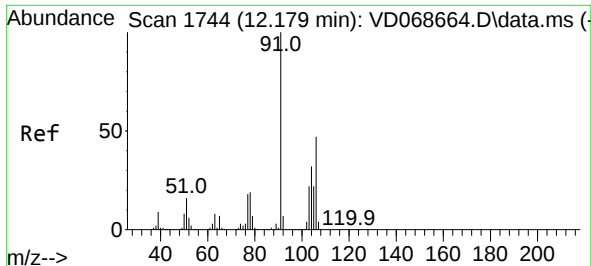
Tgt Ion: 91 Resp:10262717
Ion Ratio Lower Upper
91 100
106 34.7 25.1 37.7



#68
m/p-Xylenes
Concen: 1699.45 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.012 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:106 Resp:20306004
Ion Ratio Lower Upper
106 100
91 0.0 158.6 238.0#

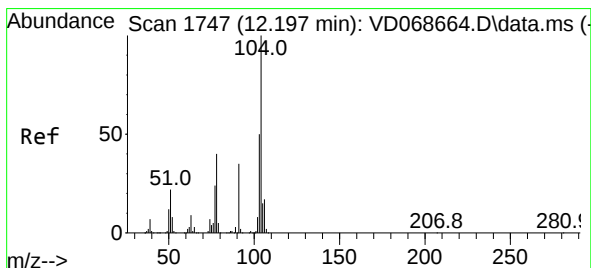
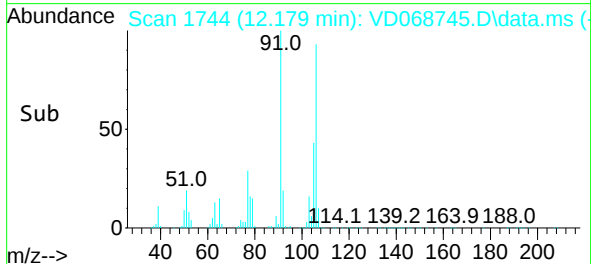
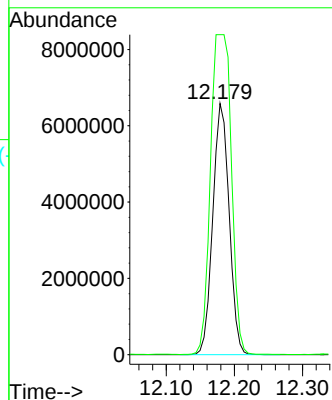
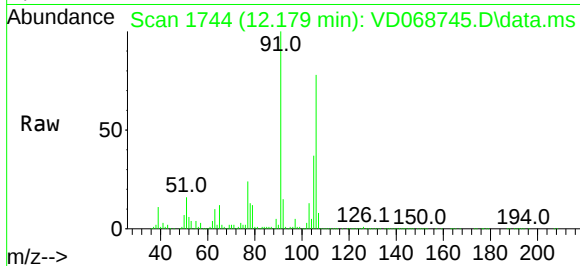




#69
o-Xylene
Concen: 992.96 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

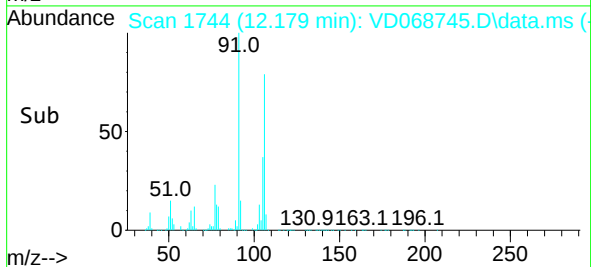
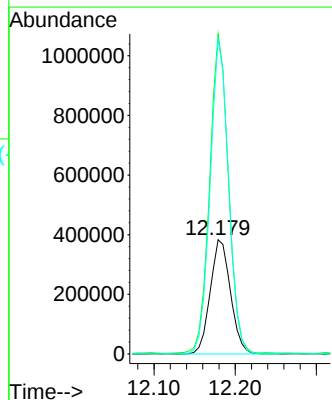
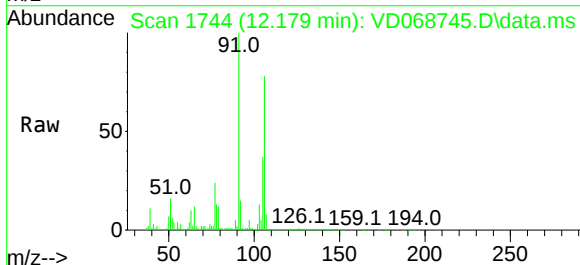
Instrument :
MSVOA_D
ClientSampleId :

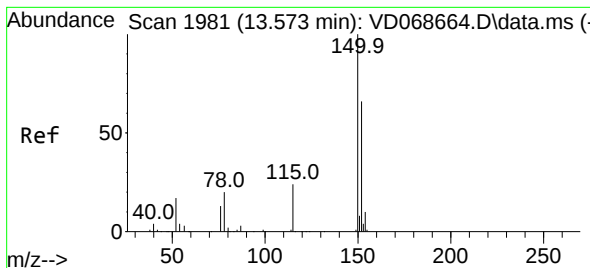
Tgt Ion:106 Resp:10995738
Ion Ratio Lower Upper
106 100
91 162.4 105.0 315.0



#70
Styrene
Concen: 34.85 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.018 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:104 Resp: 663268
Ion Ratio Lower Upper
104 100
78 258.3 36.9 55.3#
103 251.4 44.3 66.5#

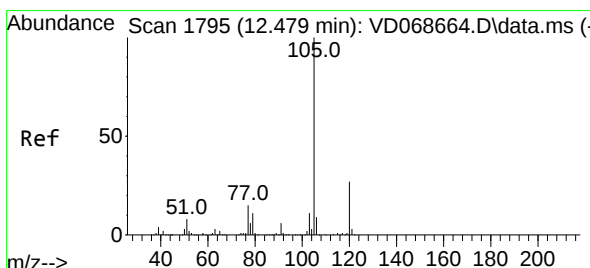
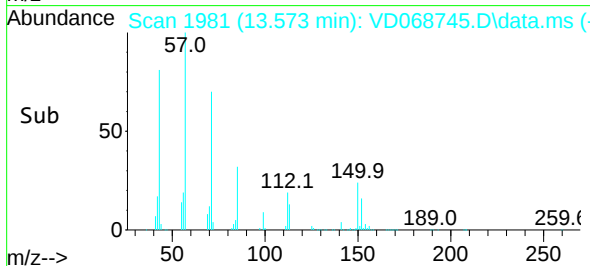
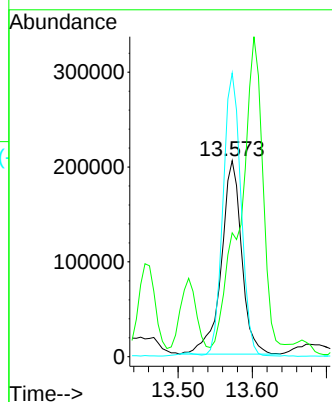
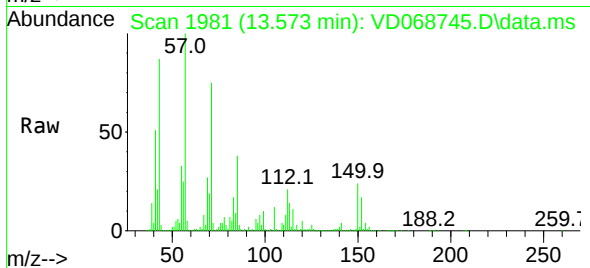




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

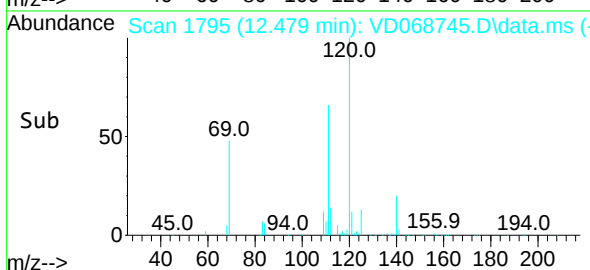
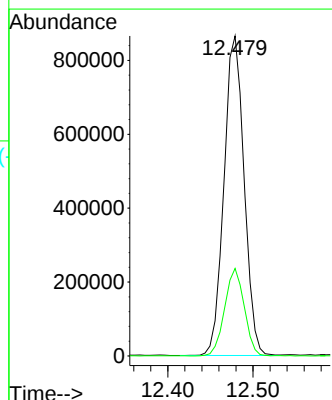
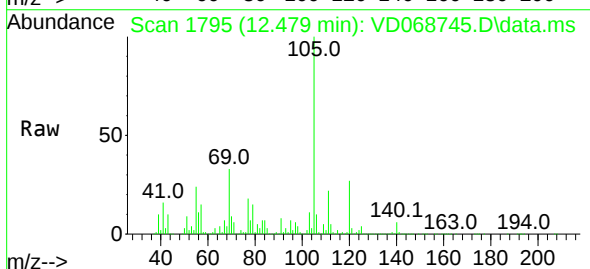
Instrument :
MSVOA_D
ClientSampled :

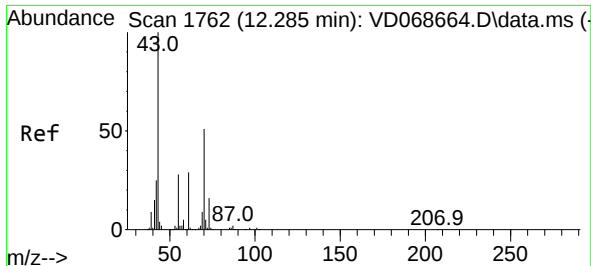
Tgt Ion:152 Resp: 387994
Ion Ratio Lower Upper
152 100
115 0.0 29.3 87.8#
150 128.8 0.0 347.6



#73
Isopropylbenzene
Concen: 53.33 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:105 Resp: 1421779
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

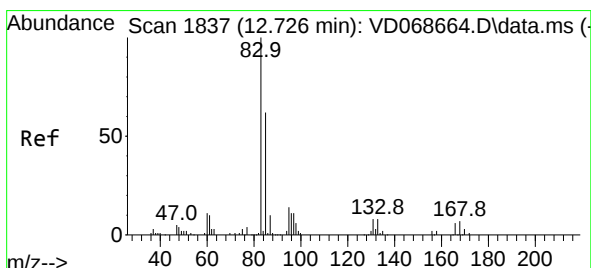
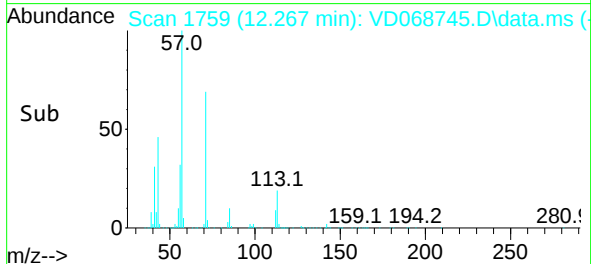
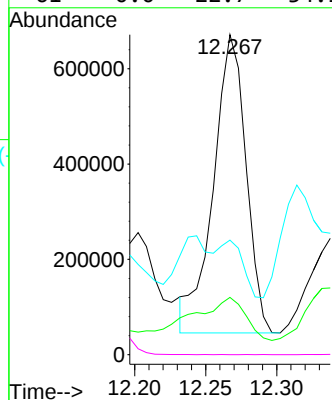
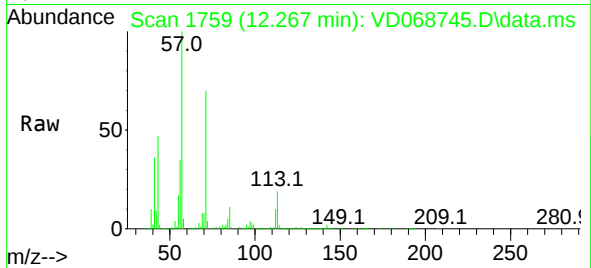




#74
N-amy1 acetate
Concen: 225.06 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

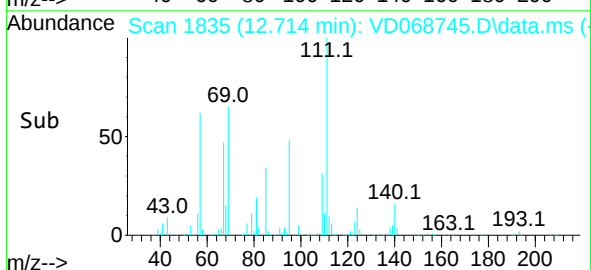
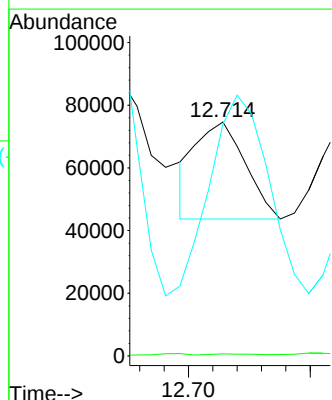
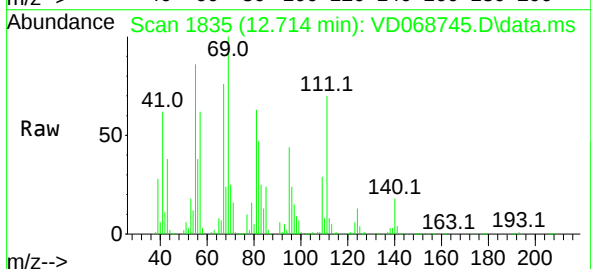
Instrument :
MSVOA_D
ClientSampleId :

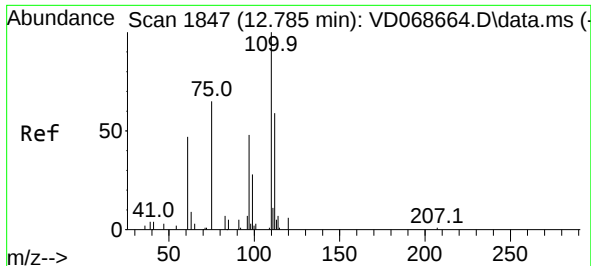
Tgt Ion: 43 Resp: 1000027
Ion Ratio Lower Upper
43 100
70 23.2 41.9 62.9#
55 0.0 22.8 34.2#
61 0.0 22.7 34.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 9.35 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.012 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 83 Resp: 44015
Ion Ratio Lower Upper
83 100
131 0.8 5.1 15.3#
85 305.7 32.0 96.0#

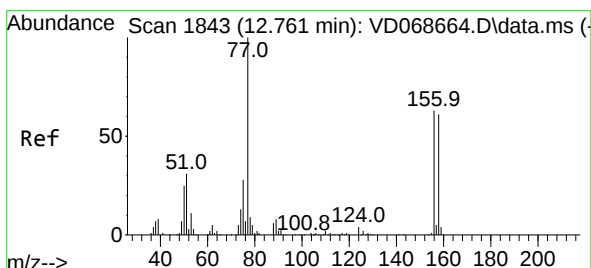
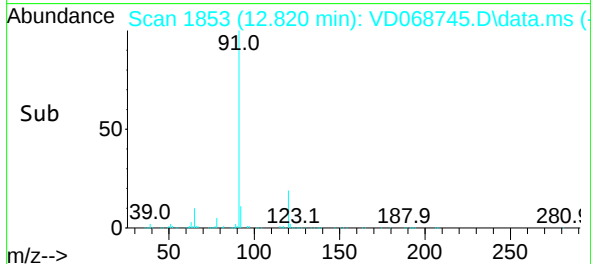
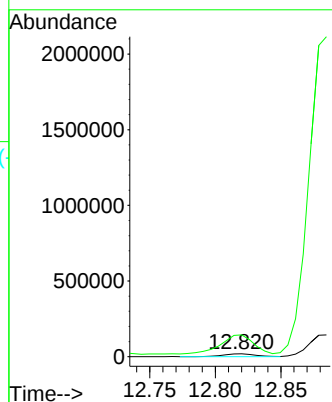
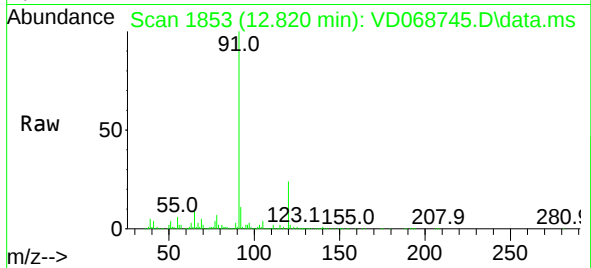




#76
1,2,3-Trichloropropane
Concen: 9.70 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.035 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

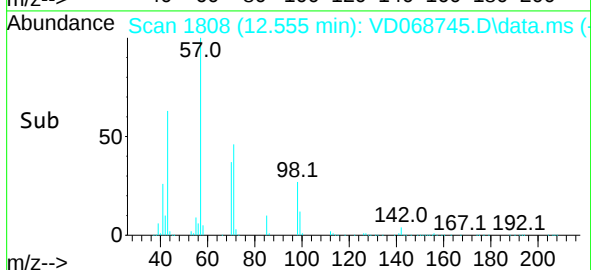
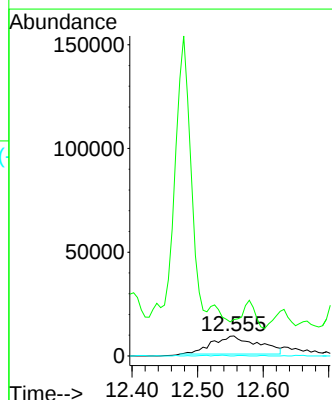
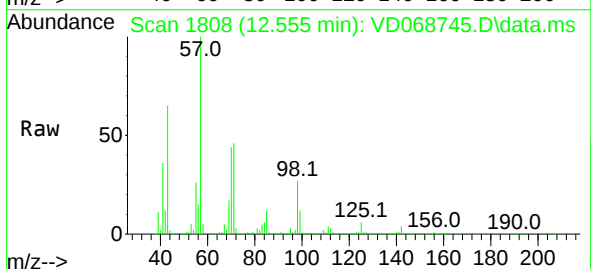
Instrument :
MSVOA_D
ClientSampled :

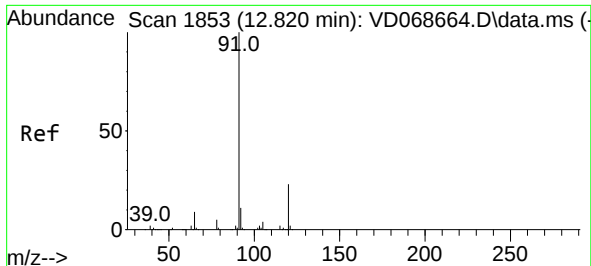
Tgt Ion: 75 Resp: 31319
Ion Ratio Lower Upper
75 100
77 698.7 0.0 0.0#



#77
Bromobenzene
Concen: 6.76 ug/l
RT: 12.555 min Scan# 1808
Delta R.T. -0.206 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 156 Resp: 42261
Ion Ratio Lower Upper
156 100
77 0.0 88.9 266.8#
158 0.5 47.7 143.1#

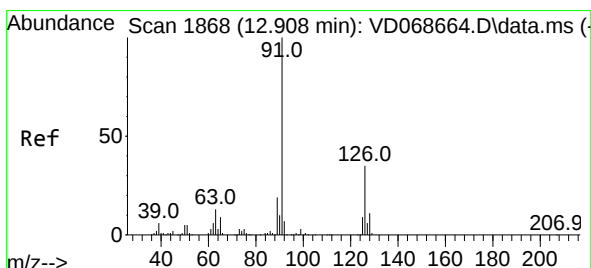
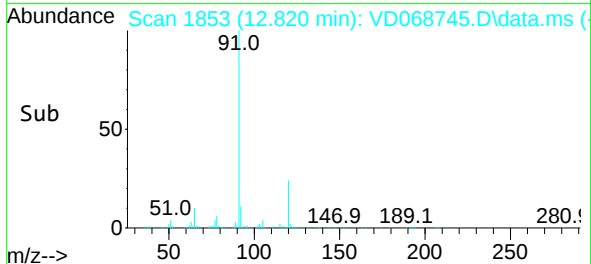
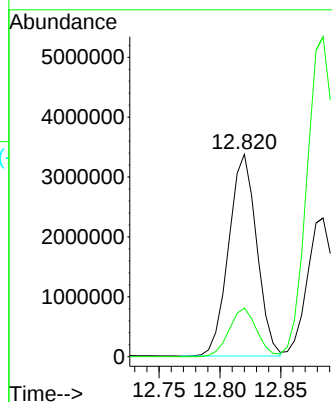
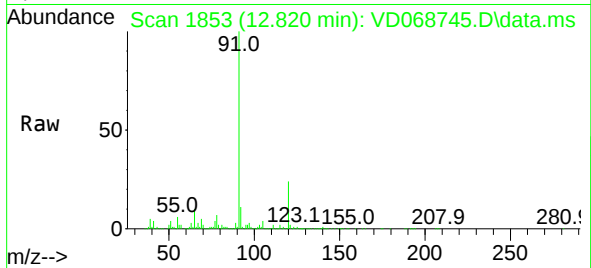




#78
n-propylbenzene
Concen: 169.63 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

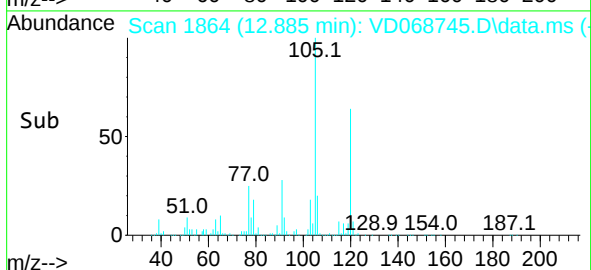
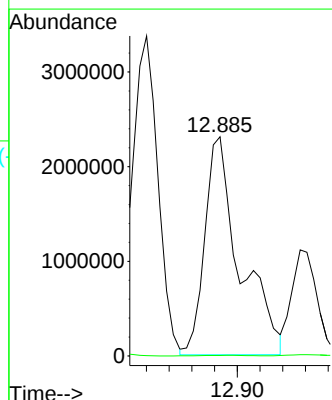
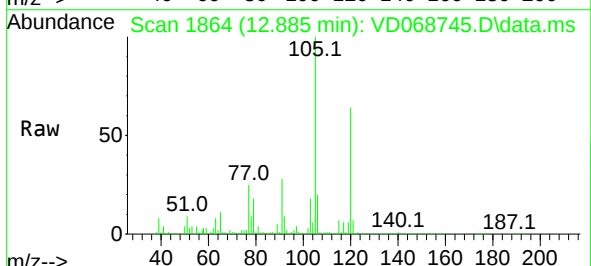
Instrument :
MSVOA_D
ClientSampled :

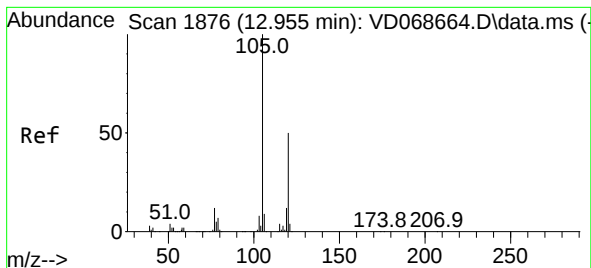
Tgt Ion: 91 Resp: 5384096
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2



#79
2-Chlorotoluene
Concen: 285.78 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. -0.024 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 91 Resp: 4950163
Ion Ratio Lower Upper
91 100
126 0.3 17.1 51.3#

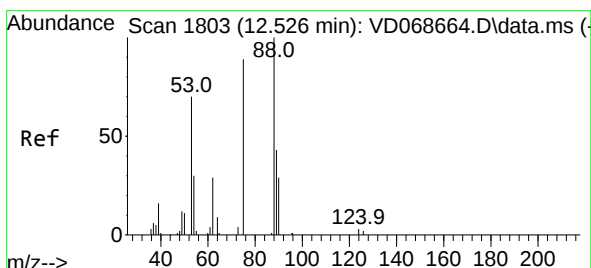
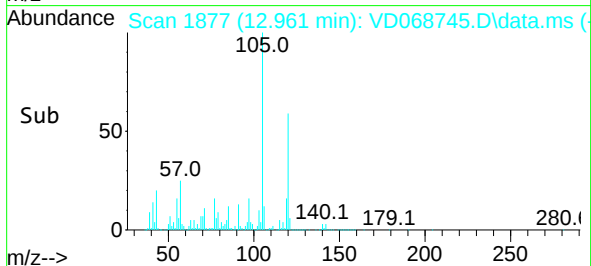
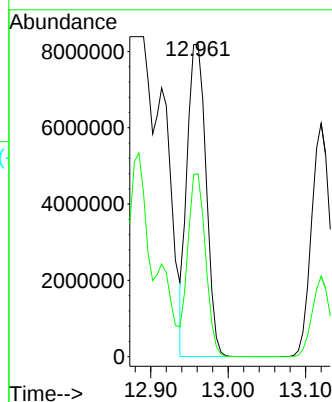
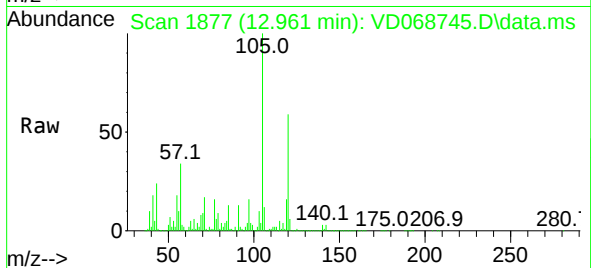




#80
1,3,5-Trimethylbenzene
Concen: 644.69 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

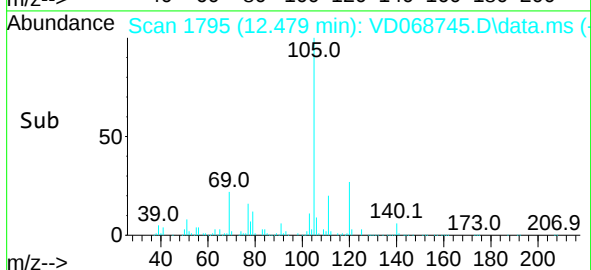
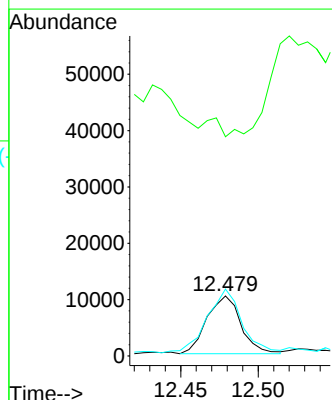
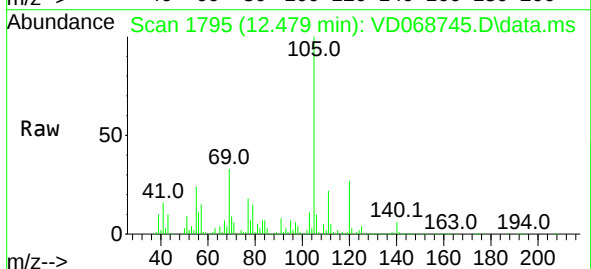
Instrument :
MSVOA_D
ClientSampled :

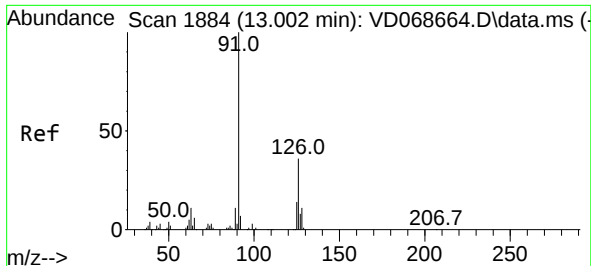
Tgt Ion:105 Resp:13899395
Ion Ratio Lower Upper
105 100
120 54.7 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 11.05 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.047 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 75 Resp: 15681
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 111.4 36.6 54.8#

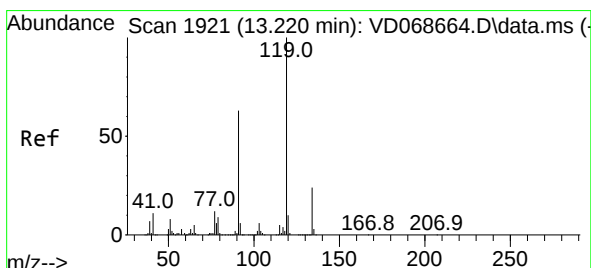
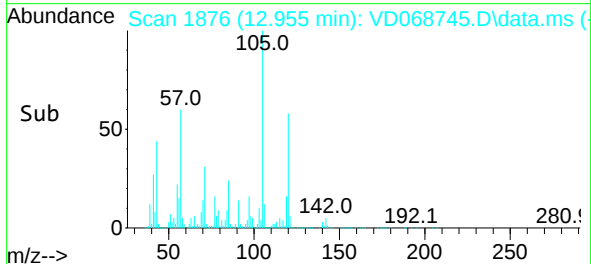
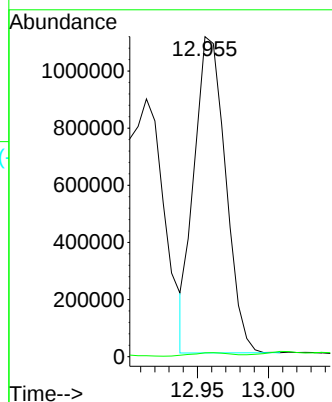
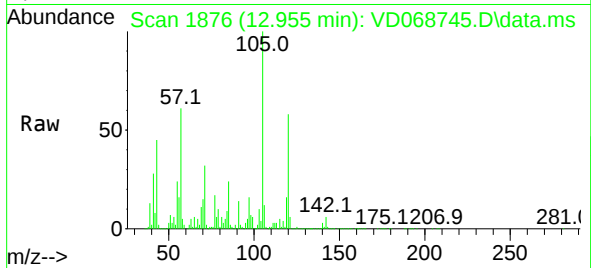




#82
4-Chlorotoluene
Concen: 91.76 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.047 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

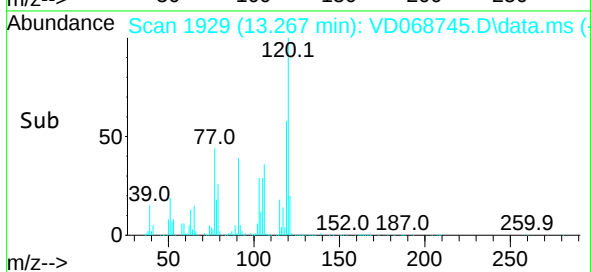
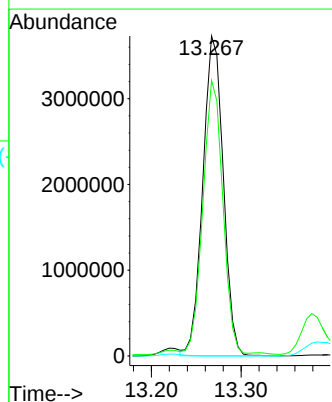
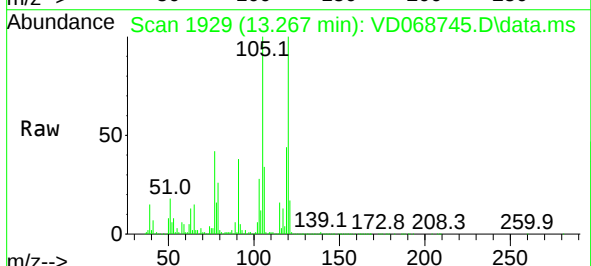
Instrument :
MSVOA_D
ClientSampleId :

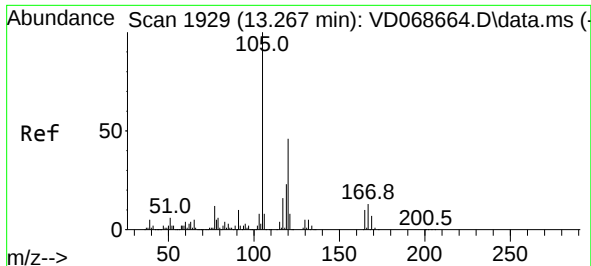
Tgt Ion: 91 Resp: 1697983
Ion Ratio Lower Upper
91 100
126 1.3 17.2 51.5#



#83
tert-Butylbenzene
Concen: 321.02 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.047 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion: 119 Resp: 5898245
Ion Ratio Lower Upper
119 100
91 82.7 31.6 95.0
134 0.0 13.4 40.2#

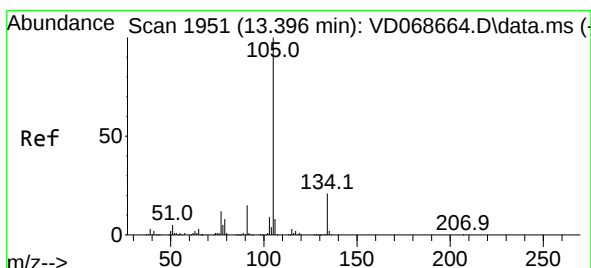
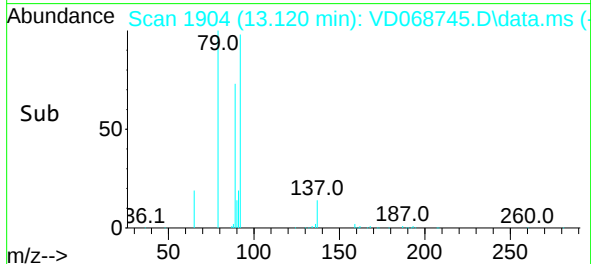
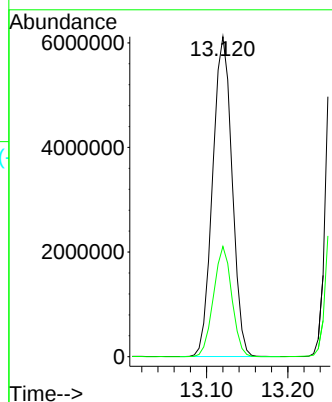
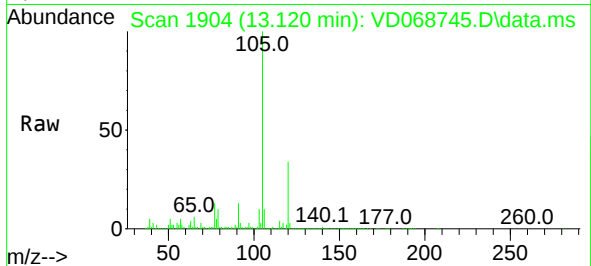




#84
1,2,4-Trimethylbenzene
Concen: 456.38 ug/l
RT: 13.120 min Scan# 1904
Delta R.T. -0.147 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

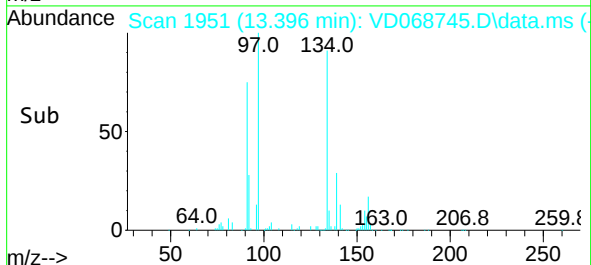
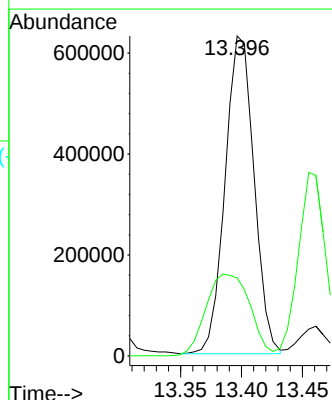
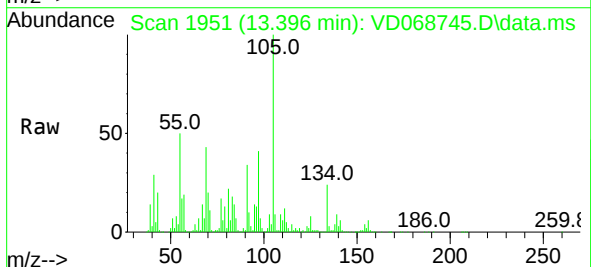
Instrument :
MSVOA_D
ClientSampled :

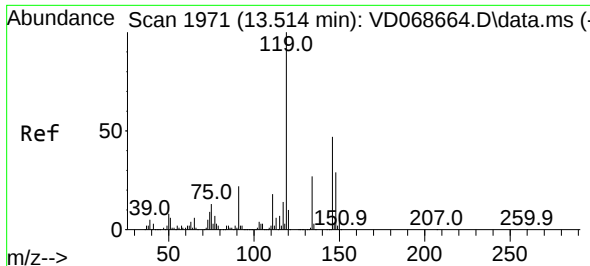
Tgt Ion:105 Resp:10164341
Ion Ratio Lower Upper
105 100
120 32.5 22.6 67.7



#85
sec-Butylbenzene
Concen: 38.90 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:105 Resp: 1039200
Ion Ratio Lower Upper
105 100
134 39.0 10.0 29.8#

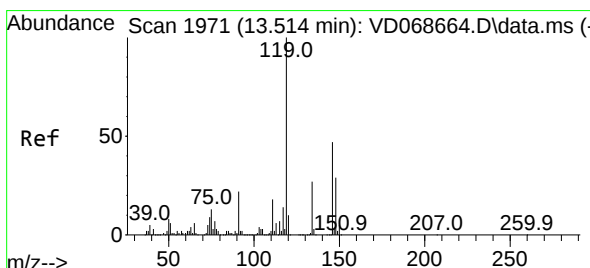
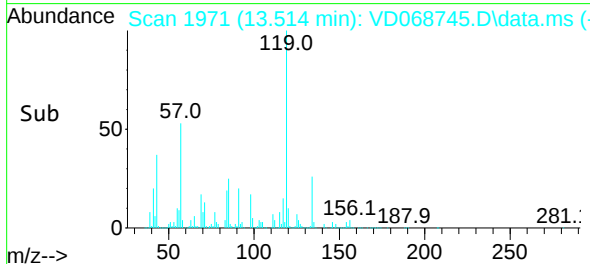
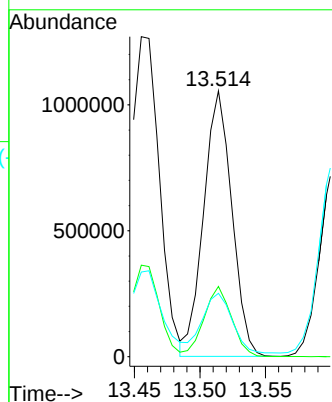
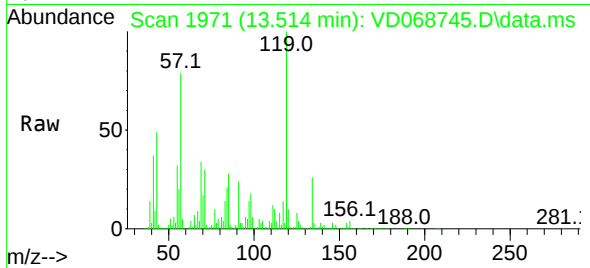




#86
p-Isopropyltoluene
Concen: 64.95 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

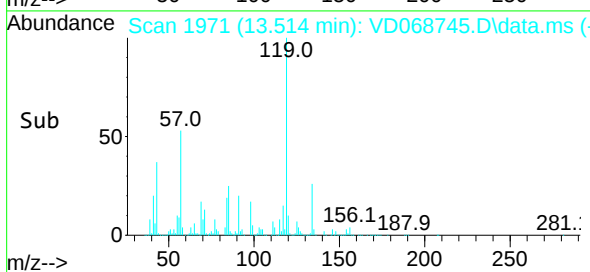
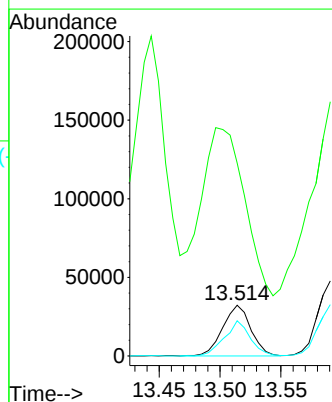
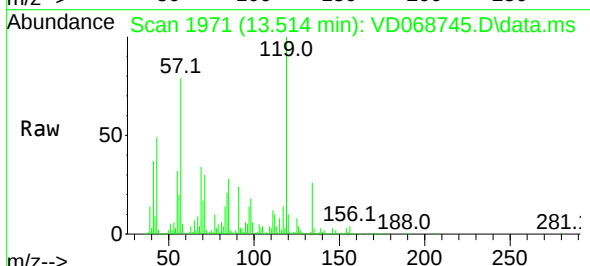
Instrument :
MSVOA_D
ClientSampleId :

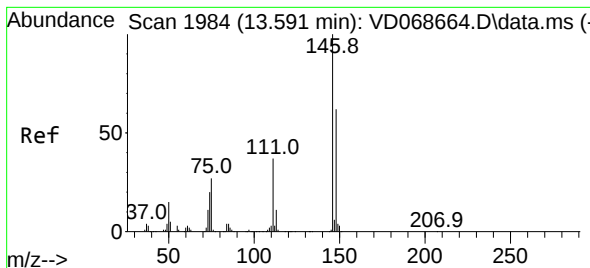
Tgt Ion:119 Resp: 1578829
Ion Ratio Lower Upper
119 100
134 25.9 13.3 39.9
91 23.2 11.1 33.1



#87
1,3-Dichlorobenzene
Concen: 4.17 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:146 Resp: 52020
Ion Ratio Lower Upper
146 100
111 489.2 19.3 57.8#
148 63.4 30.9 92.8





#88

1,4-Dichlorobenzene

Concen: 6.81 ug/l

RT: 13.596 min Scan# 1985

Delta R.T. 0.006 min

Lab File: VD068745.D

Acq: 31 Mar 2021 19:26

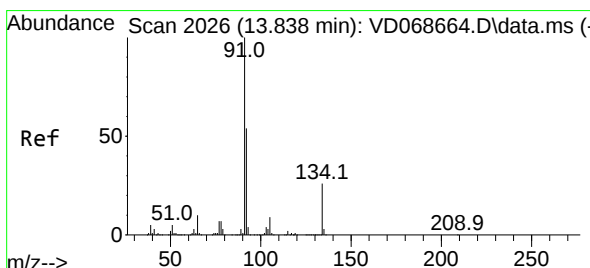
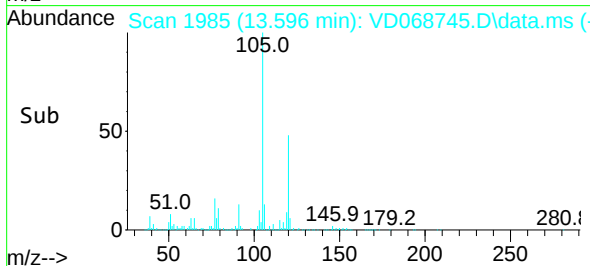
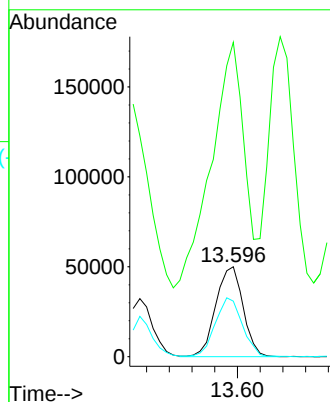
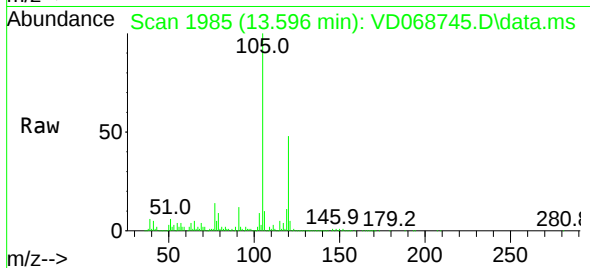
Tgt Ion:146 Resp: 83426

Ion Ratio Lower Upper

146 100

111 327.1 19.1 57.1#

148 65.2 31.6 95.0



#89

n-Butylbenzene

Concen: 72.01 ug/l

RT: 13.838 min Scan# 2026

Delta R.T. 0.000 min

Lab File: VD068745.D

Acq: 31 Mar 2021 19:26

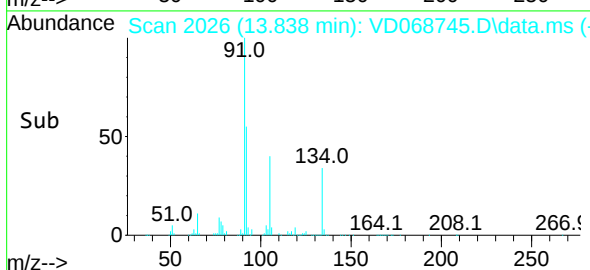
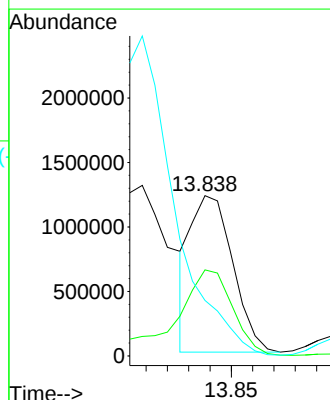
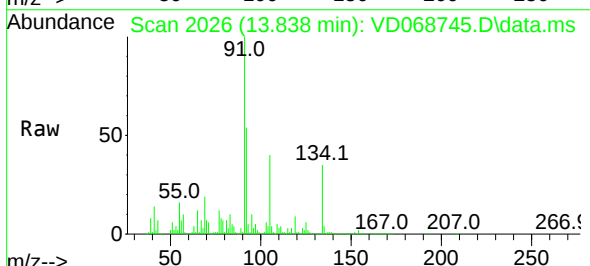
Tgt Ion: 91 Resp: 1661683

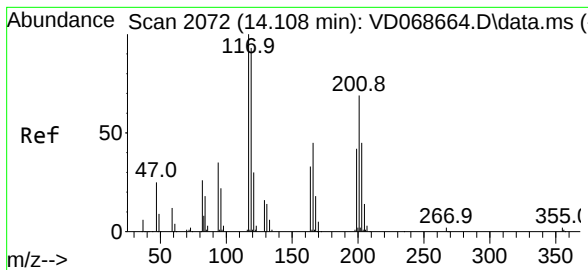
Ion Ratio Lower Upper

91 100

92 74.7 26.7 80.1

134 0.0 12.9 38.6#

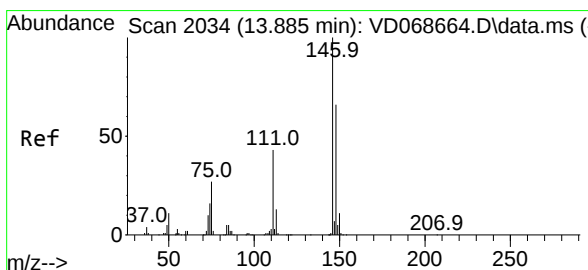
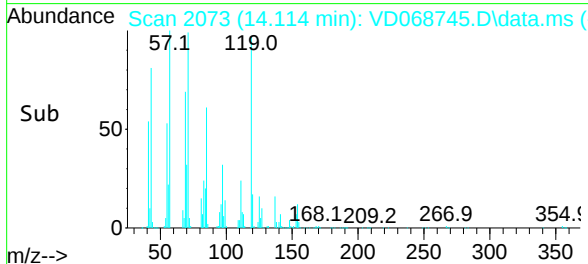
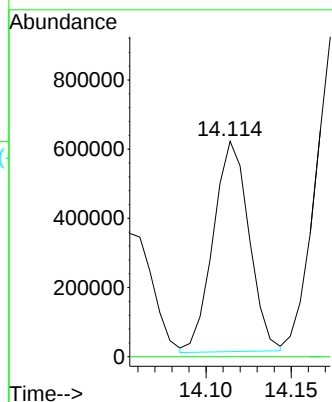
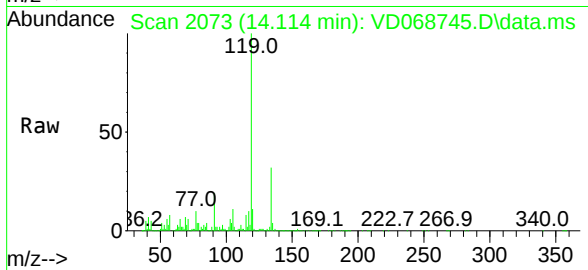




#90
Hexachloroethane
Concen: 203.30 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

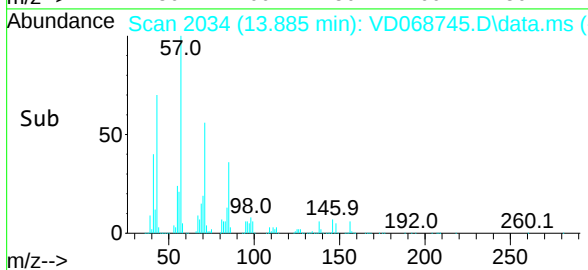
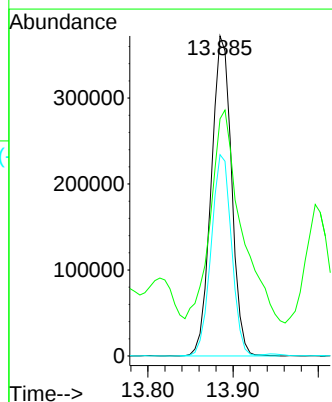
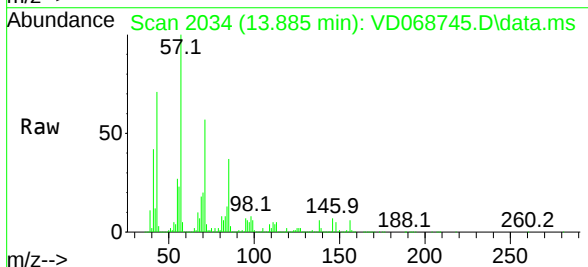
Instrument :
MSVOA_D
ClientSampled :

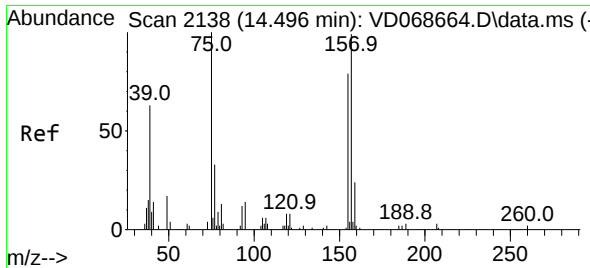
Tgt Ion:117 Resp: 889029
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#



#91
1,2-Dichlorobenzene
Concen: 58.07 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:146 Resp: 615178
Ion Ratio Lower Upper
146 100
111 106.5 20.3 60.9#
148 63.2 32.2 96.6

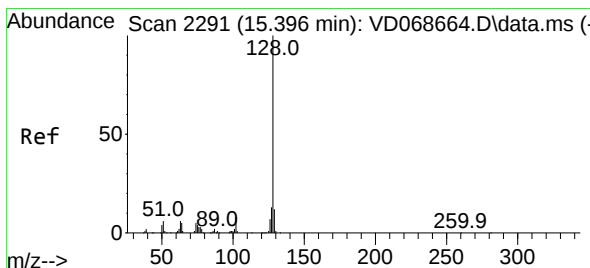
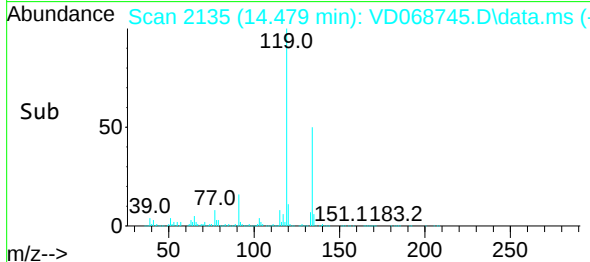
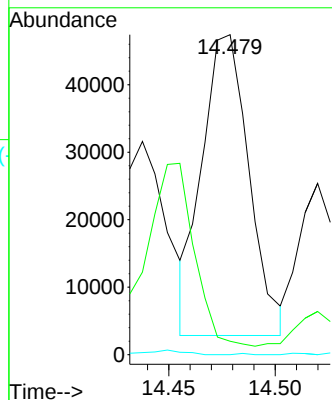
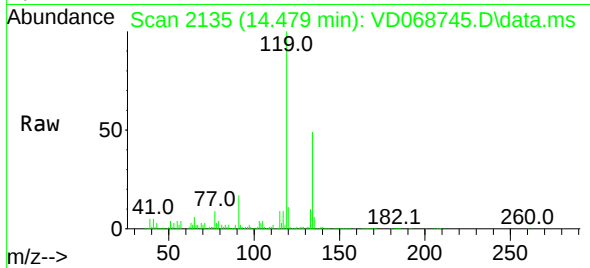




#92
1,2-Dibromo-3-Chloropropane
Concen: 101.49 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.018 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

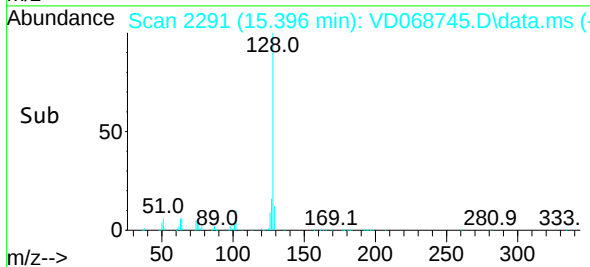
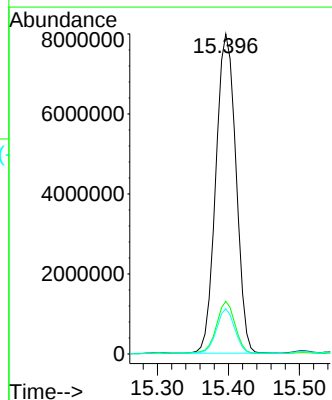
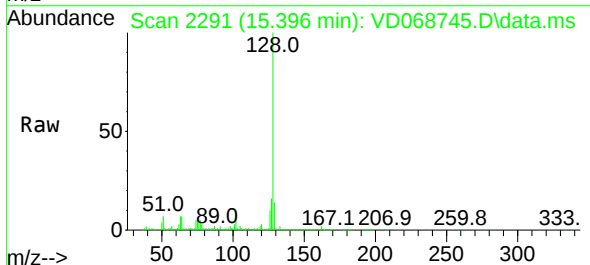
Instrument :
MSVOA_D
ClientSampled :

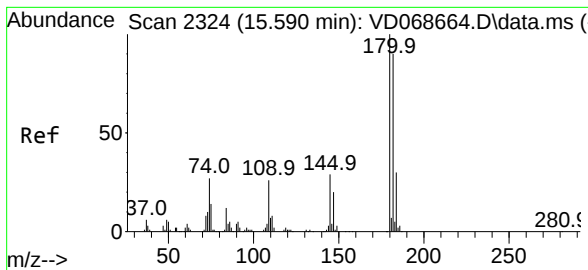
Tgt Ion: 75 Resp: 68393
Ion Ratio Lower Upper
75 100
155 0.0 46.8 140.3#
157 0.1 59.8 179.3#



#95
Naphthalene
Concen: 1299.33 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068745.D
Acq: 31 Mar 2021 19:26

Tgt Ion:128 Resp:15657399
Ion Ratio Lower Upper
128 100
127 15.3 10.2 15.4
129 12.5 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.10 ug/l
 RT: 15.608 min Scan# 2327
 Delta R.T. 0.018 min
 Lab File: VD068745.D
 Acq: 31 Mar 2021 19:26

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	180	Resp:	12301
Ion Ratio	Lower	Upper	
180	100		
182	37.3	46.5	139.3#
145	0.0	15.8	47.4#

