

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068815.D
 Acq On : 09 Apr 2021 16:46
 Operator : VA/SY
 Sample : M1979-01RE
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1RE

Quant Time: Apr 10 00:44:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	415825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	712350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	777809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	386957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	183587	41.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.54%
35) Dibromofluoromethane	7.920	113	217269	46.89	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.78%
50) Toluene-d8	10.338	98	964557	55.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.36%
62) 4-Bromofluorobenzene	12.626	95	446682	76.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	153.90%#

Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	633	2.37	ug/l #	41
11) Tert butyl alcohol	5.238	59	170	Below	Cal #	73
13) Acrolein	4.144	56	5308	30.69	ug/l #	67
14) Allyl chloride	4.956	41	50561	10.78	ug/l #	64
15) Acrylonitrile	5.491	53	20775	23.94	ug/l #	35
16) Acetone	4.150	43	21613	35.51	ug/l #	69
17) Carbon Disulfide	4.415	76	15007	1.11	ug/l	97
18) Methyl Acetate	4.956	43	92912	55.57	ug/l #	43
20) Methylene Chloride	4.967	84	33219	2.13	ug/l #	83
25) 2-Butanone	7.208	43	16478	19.13	ug/l #	47
30) Chloroform	7.667	83	17046	1.82	ug/l #	17
31) Cyclohexane	7.956	56	254185	34.76	ug/l #	40
37) Ethyl Acetate	7.208	43	16478	7.78	ug/l #	65
39) Methylcyclohexane	9.355	83	432997	51.49	ug/l #	62
41) Methacrylonitrile	7.567	41	4660	3.72	ug/l #	40
43) Isopropyl Acetate	8.450	43	188577	43.68	ug/l #	46
47) Bromodichloromethane	9.638	83	91392	12.46	ug/l #	31
48) Methyl methacrylate	9.491	41	85403	40.14	ug/l #	23
51) 4-Methyl-2-Pentanone	10.267	43	334955	153.92	ug/l #	77
55) 1,1,2-Trichloroethane	10.779	97	591776	149.08	ug/l #	31
56) Ethyl methacrylate	10.685	69	61734	15.11	ug/l #	47
58) 2-Chloroethyl Vinyl ether	9.920	63	9034	20.86	ug/l #	48
59) 2-Hexanone	10.955	43	458907	315.17	ug/l #	25
60) Dibromochloromethane	11.061	129	5156	1.04	ug/l	71
67) Ethyl Benzene	11.744	91	34573	1.19	ug/l	97
68) m/p-Xylenes	11.849	106	63437	5.64	ug/l	88
69) o-Xylene	12.179	106	10348	1.01	ug/l	59
73) Isopropylbenzene	12.479	105	316985	11.22	ug/l	100
74) N-amyl acetate	12.267	43	402403	83.98	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.708	83	26056	4.93	ug/l #	1
76) 1,2,3-Trichloropropane	12.814	75	10400	2.94	ug/l #	100
78) n-propylbenzene	12.814	91	1774435	51.71	ug/l	99
79) 2-Chlorotoluene	12.814	91	1774435	92.56	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.120	105	164121	6.95	ug/l	71
81) trans-1,4-Dichloro-2-b...	12.626	75	179509	117.84	ug/l #	37
82) 4-Chlorotoluene	12.814	91	1774435	87.32	ug/l #	41

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

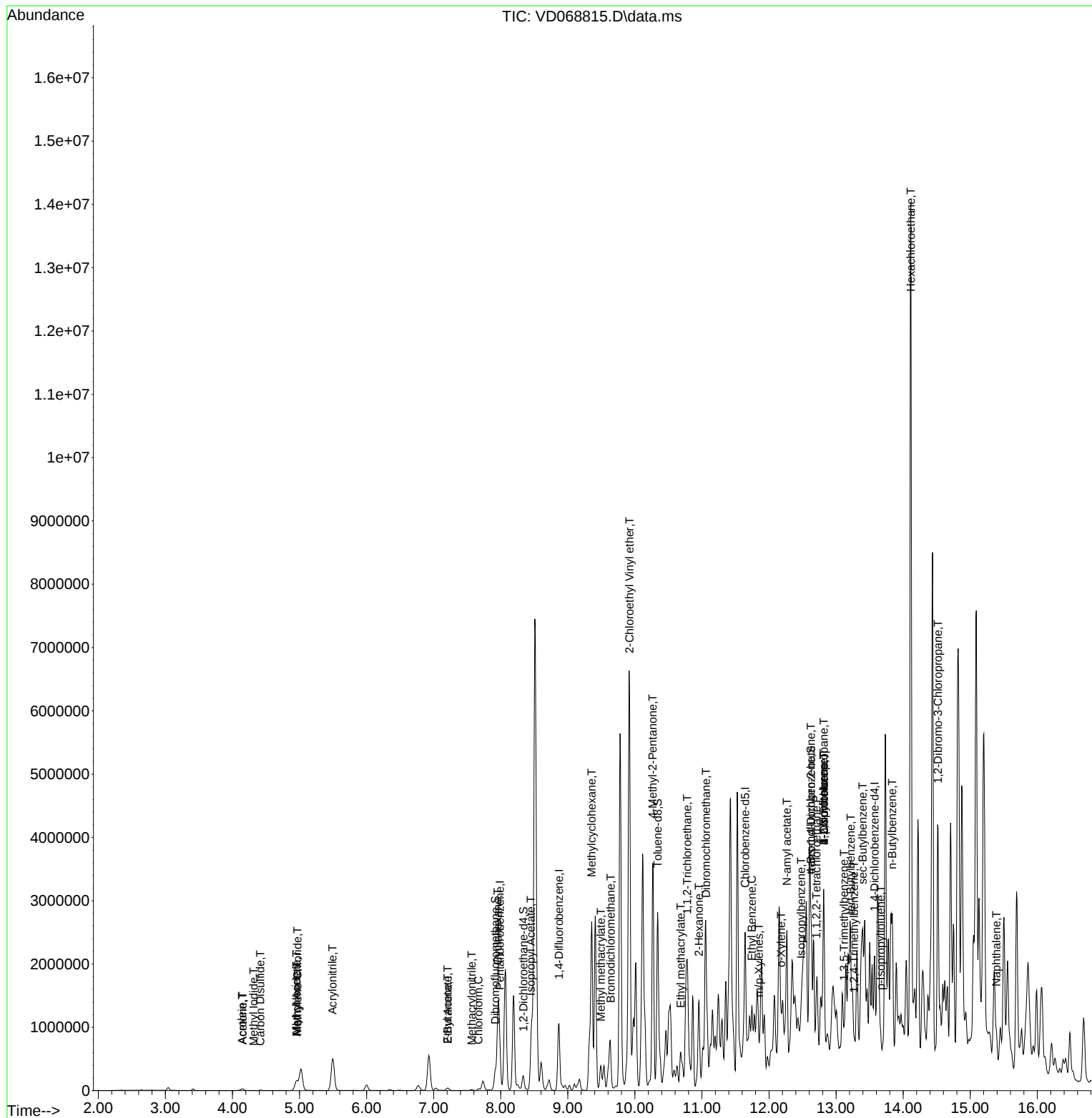
83) tert-Butylbenzene	13.220	119	33064	1.65	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.267	105	37620	1.58	ug/l	97
85) sec-Butylbenzene	13.396	105	823010	29.10	ug/l #	45
86) p-Isopropyltoluene	13.667	119	81505	3.16	ug/l #	75
89) n-Butylbenzene	13.838	91	1333834	54.82	ug/l #	80
90) Hexachloroethane	14.114	117	688222	133.75	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.520	75	12174	15.16	ug/l #	1
95) Naphthalene	15.390	128	172046	13.71	ug/l #	82

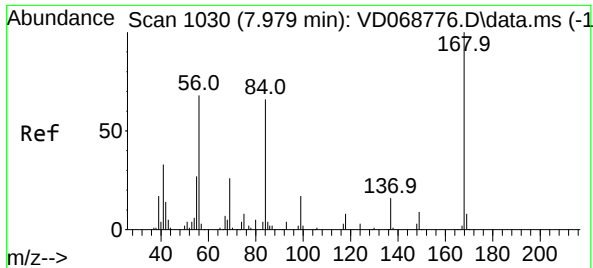
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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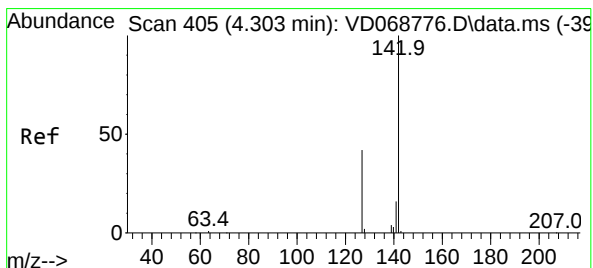
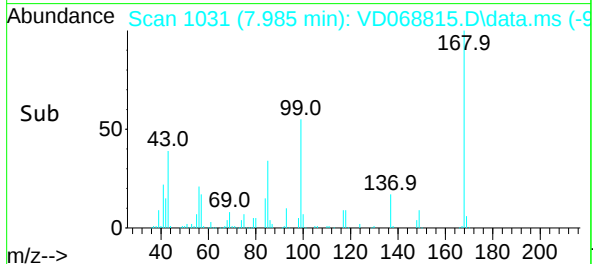
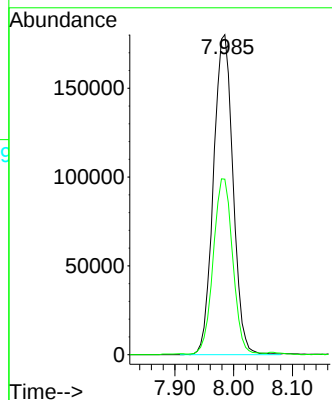
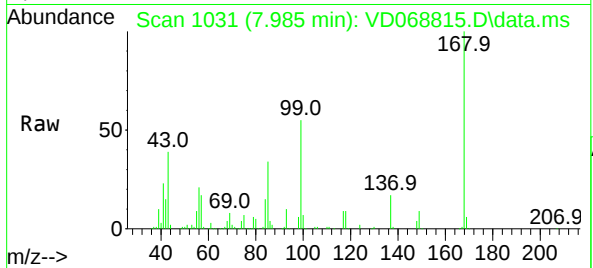




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

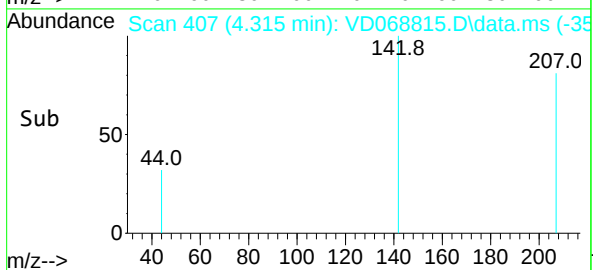
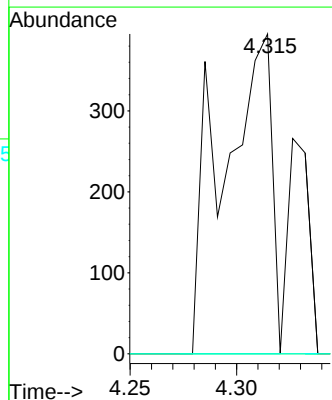
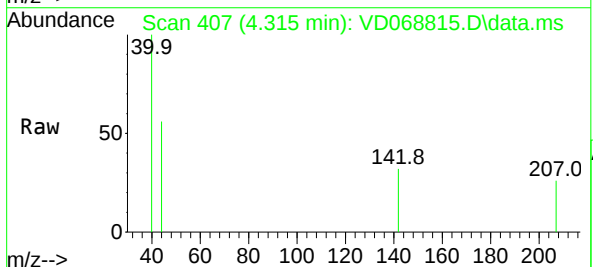
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

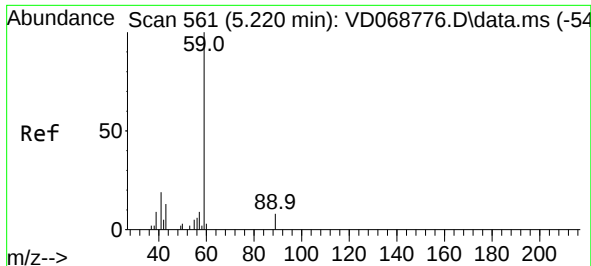
Tgt Ion:168 Resp: 415825
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.37 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:142 Resp: 633
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

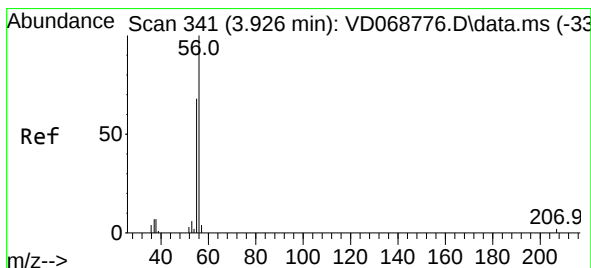
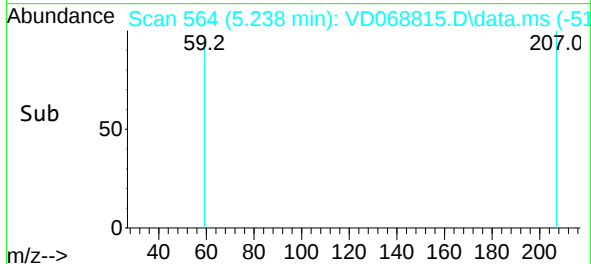
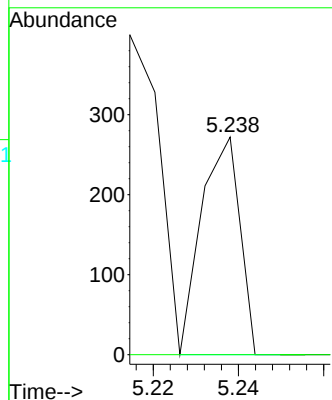
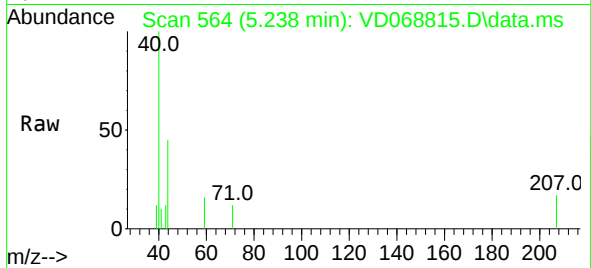




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

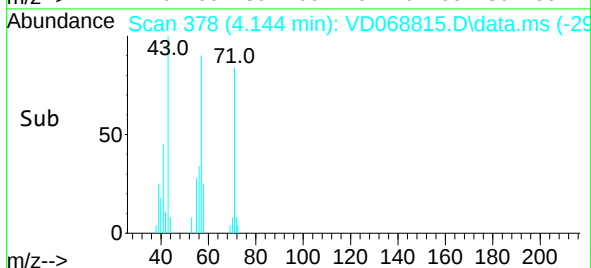
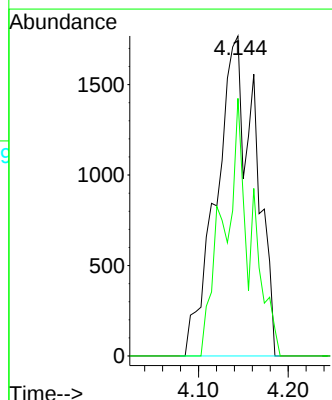
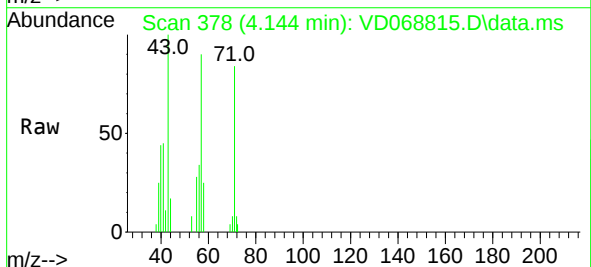
Instrument :
MSVOA_D
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S-1RE

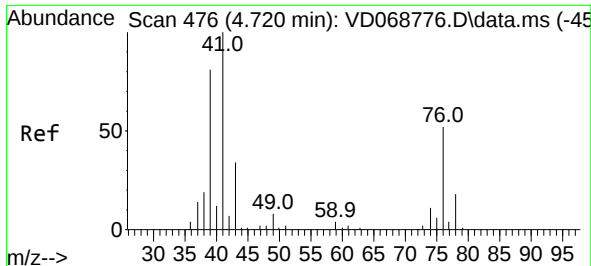
Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 30.69 ug/l
RT: 4.144 min Scan# 378
Delta R.T. 0.218 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 56 Resp: 5308
Ion Ratio Lower Upper
56 100
55 41.8 54.7 82.1#

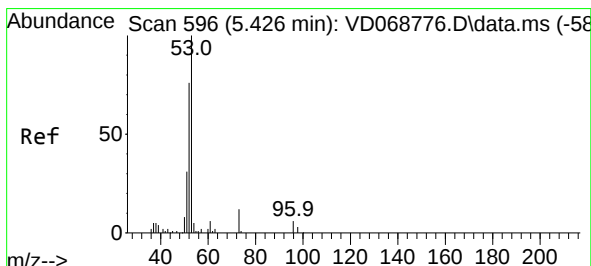
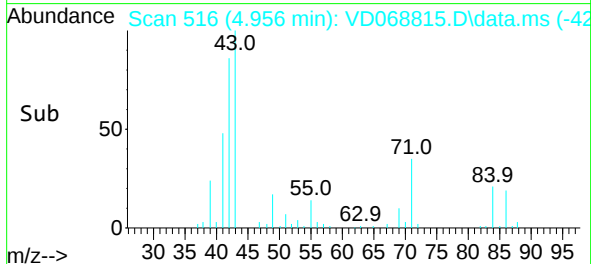
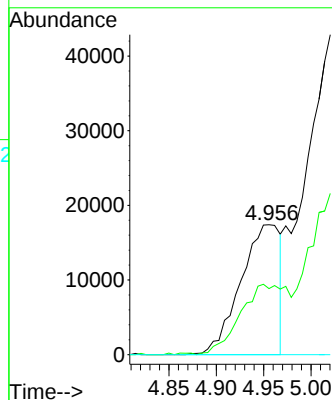
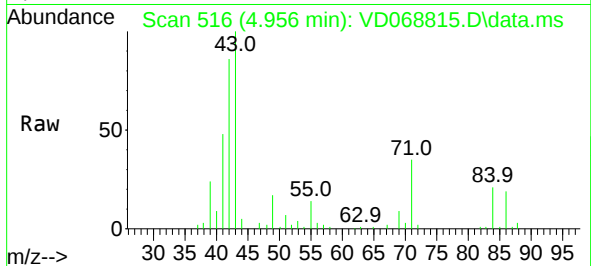




#14
 Allyl chloride
 Concen: 10.78 ug/l
 RT: 4.956 min Scan# 516
 Delta R.T. 0.236 min
 Lab File: VD068815.D
 Acq: 09 Apr 2021 16:46

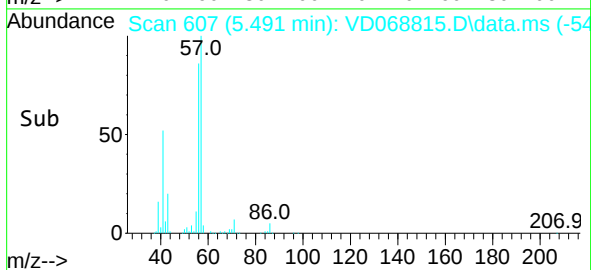
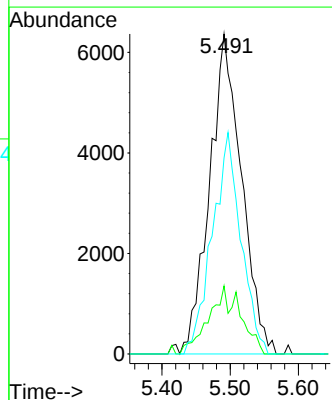
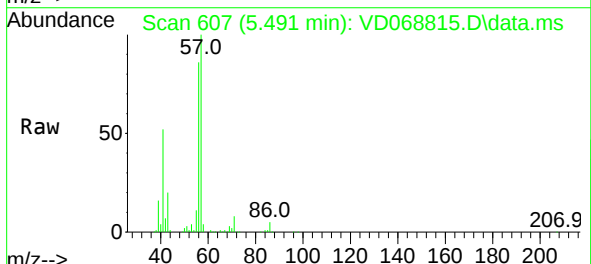
Instrument :
 MSVOA_D
 ClientSampleId :
 S-1RE

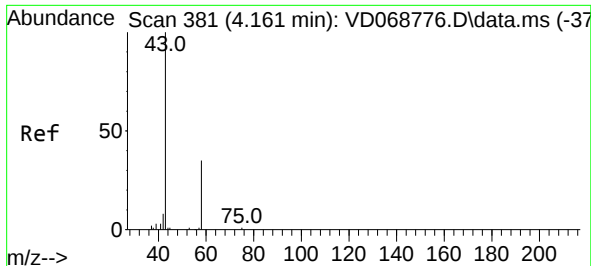
Tgt Ion: 41 Resp: 50561
 Ion Ratio Lower Upper
 41 100
 39 65.9 60.6 91.0
 76 0.0 40.4 60.6#



#15
 Acrylonitrile
 Concen: 23.94 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.065 min
 Lab File: VD068815.D
 Acq: 09 Apr 2021 16:46

Tgt Ion: 53 Resp: 20775
 Ion Ratio Lower Upper
 53 100
 52 14.5 63.3 94.9#
 51 62.1 28.3 42.5#

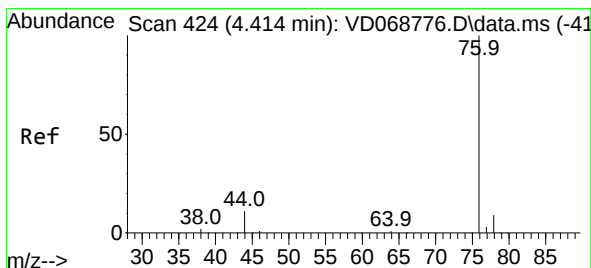
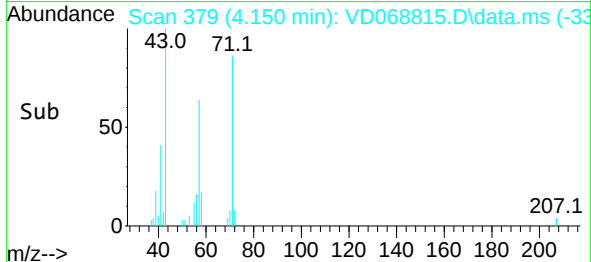
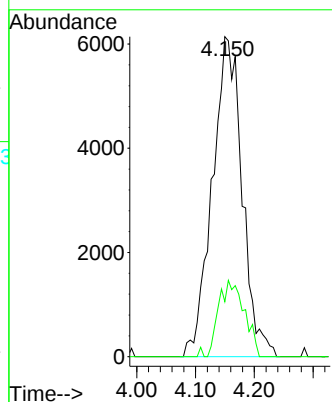
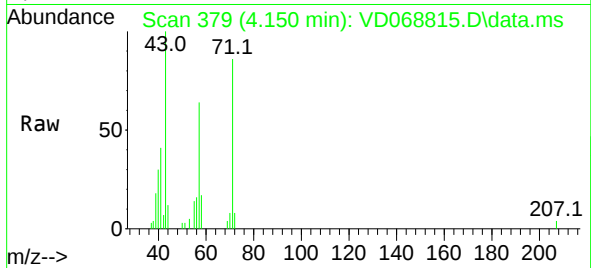




#16
Acetone
Concen: 35.51 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

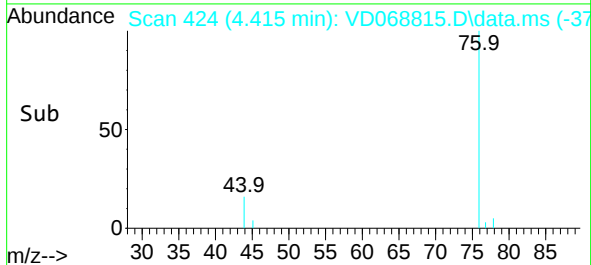
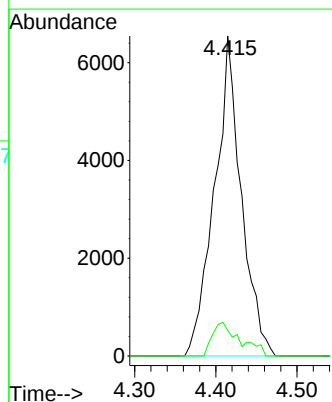
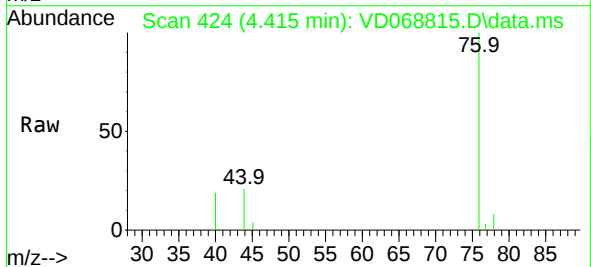
Instrument :
MSVOA_D
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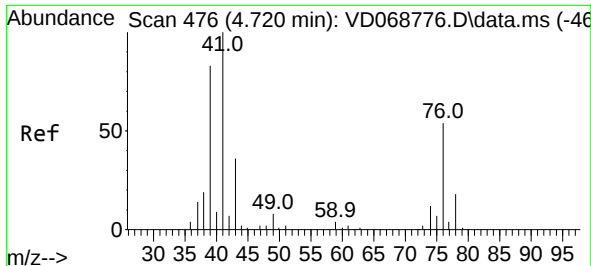
Tgt Ion: 43 Resp: 21613
Ion Ratio Lower Upper
43 100
58 17.2 28.0 42.0#



#17
Carbon Disulfide
Concen: 1.11 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

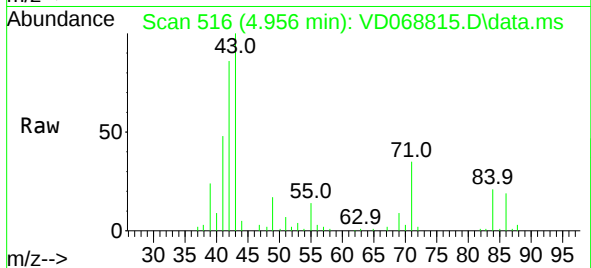
Tgt Ion: 76 Resp: 15007
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



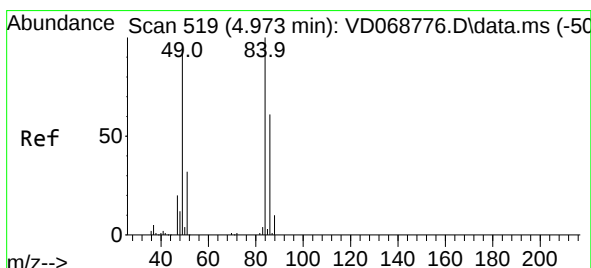
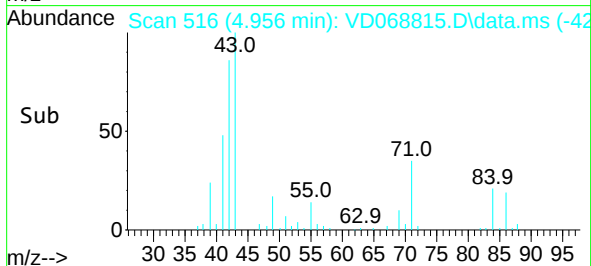
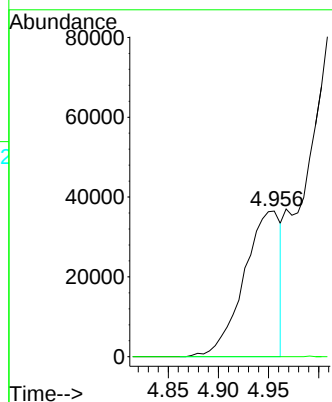


#18
Methyl Acetate
Concen: 55.57 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.236 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
S-1RE

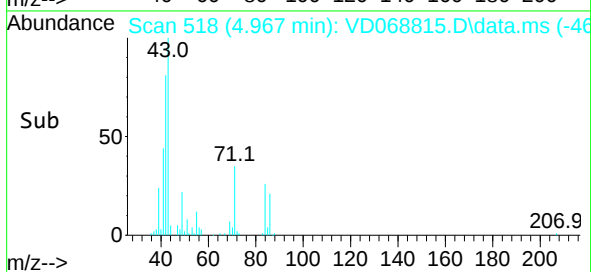
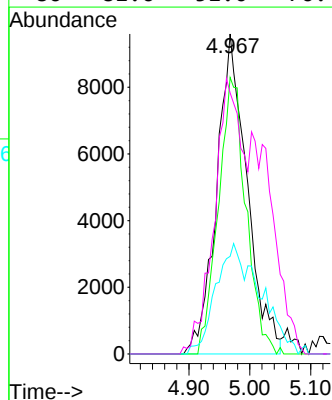
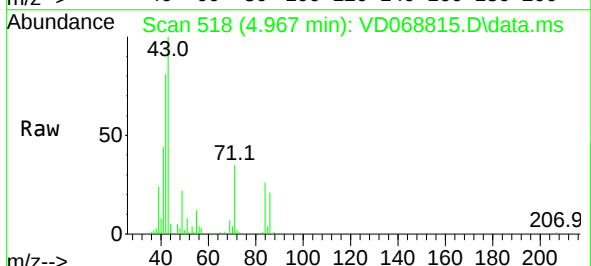


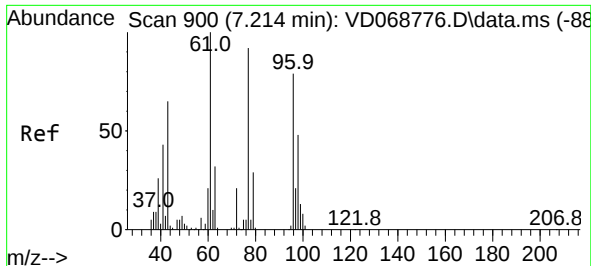
Tgt Ion: 43 Resp: 92912
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: 2.13 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 84 Resp: 33219
Ion Ratio Lower Upper
84 100
49 86.4 83.4 125.0
51 30.5 23.4 35.2
86 81.6 51.0 76.4#

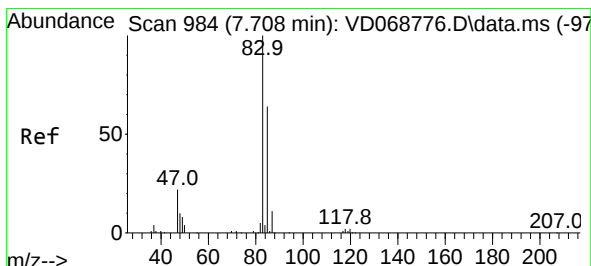
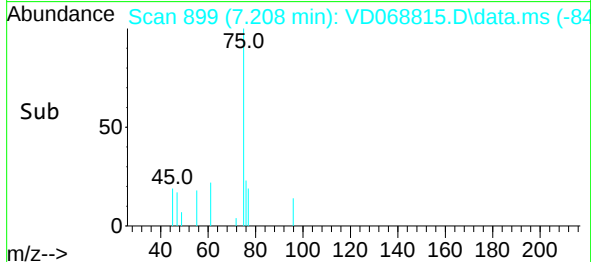
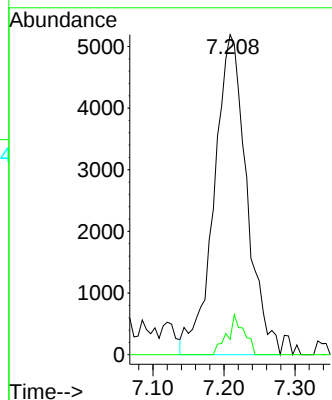
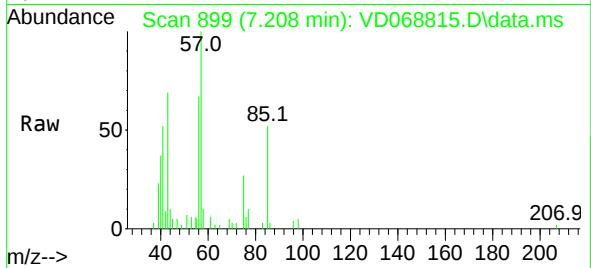




#25
2-Butanone
Concen: 19.13 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

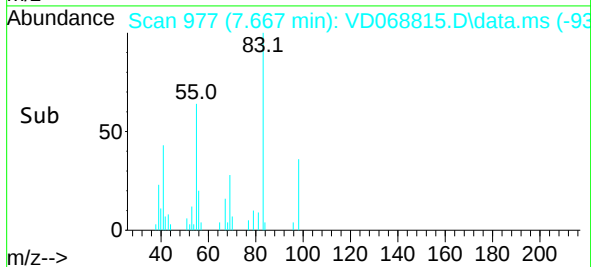
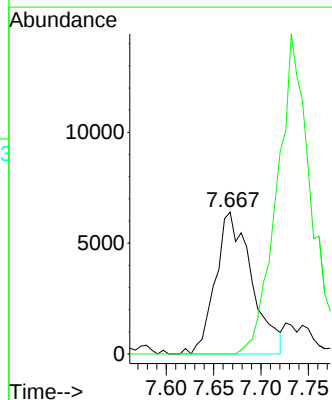
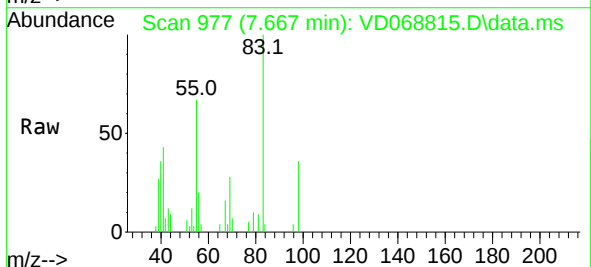
Instrument :
MSVOA_D
ClientSampleId :
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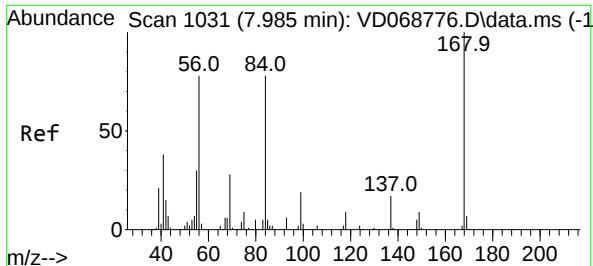
Tgt Ion: 43 Resp: 16478
Ion Ratio Lower Upper
43 100
72 4.8 28.6 43.0#



#30
Chloroform
Concen: 1.82 ug/l
RT: 7.667 min Scan# 977
Delta R.T. -0.041 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 83 Resp: 17046
Ion Ratio Lower Upper
83 100
85 0.0 53.3 79.9#

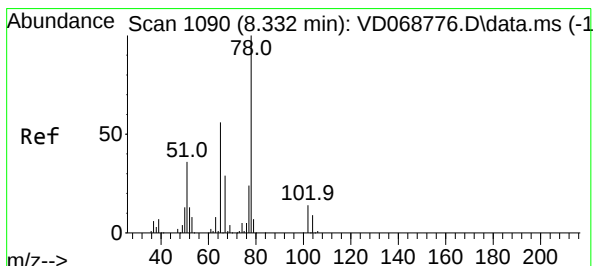
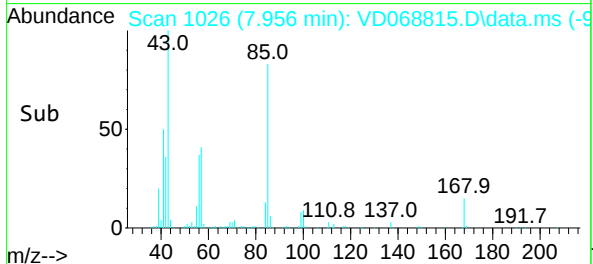
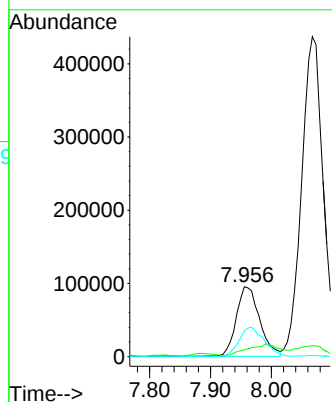
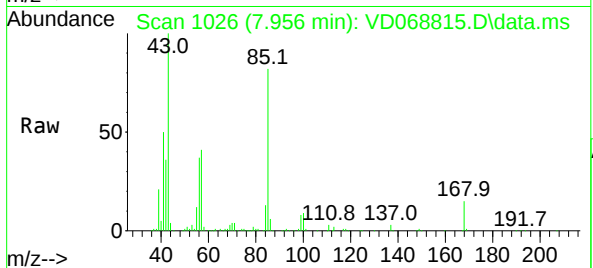




#31
Cyclohexane
Concen: 34.76 ug/l
RT: 7.956 min Scan# 1026
Delta R.T. -0.029 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

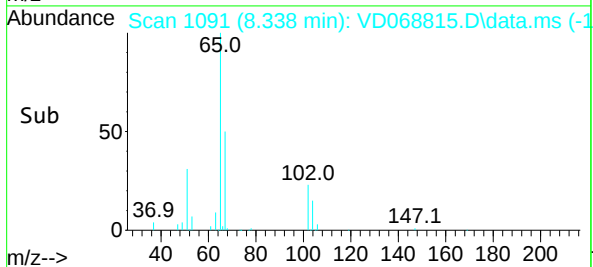
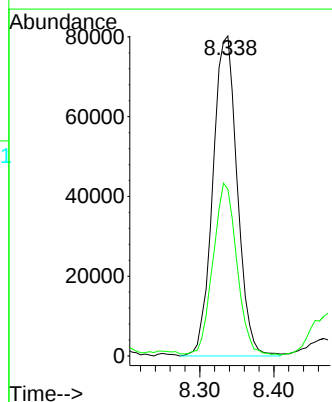
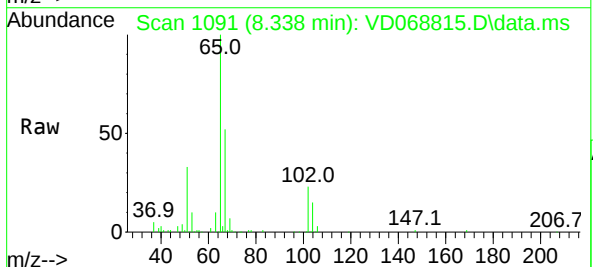
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

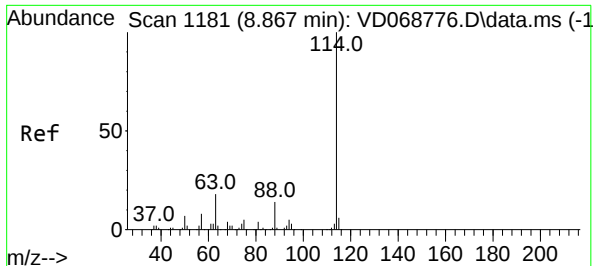
Tgt Ion: 56 Resp: 254185
Ion Ratio Lower Upper
56 100
69 8.5 30.0 45.0#
84 36.9 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 41.77 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 65 Resp: 183587
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0



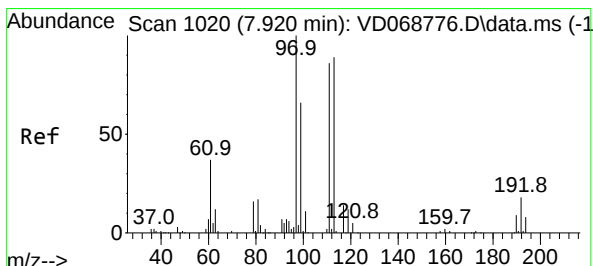
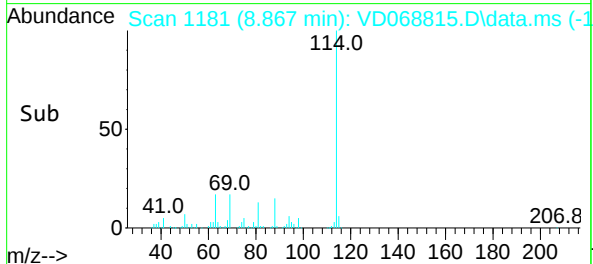
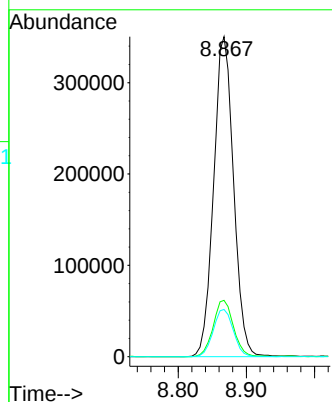
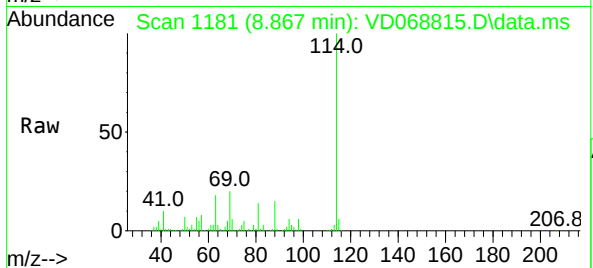


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
S-1RE

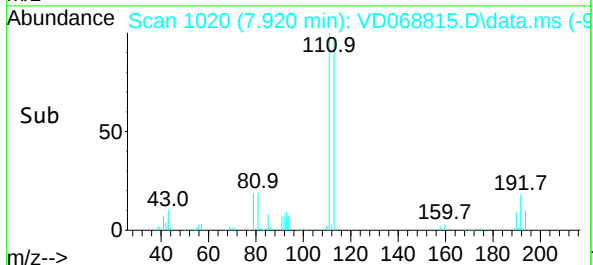
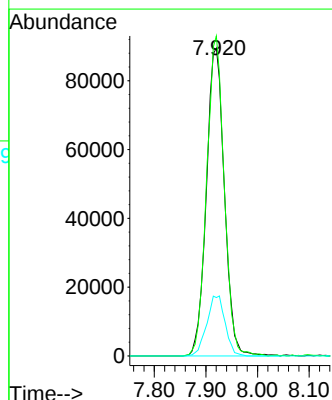
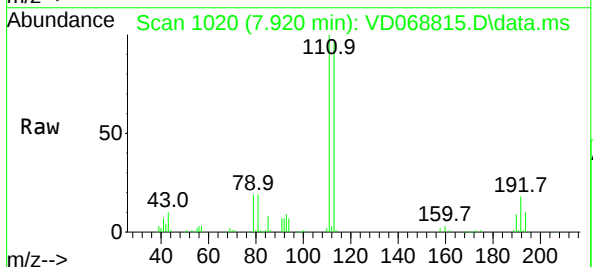
Tgt Ion:114 Resp: 712350
Ion Ratio Lower Upper
114 100
63 17.6 0.0 38.2
88 14.8 0.0 29.4

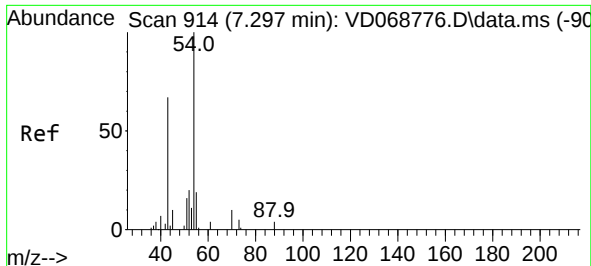


#35

Dibromofluoromethane
Concen: 46.89 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:113 Resp: 217269
Ion Ratio Lower Upper
113 100
111 100.7 82.5 123.7
192 19.9 15.1 22.7





#37

Ethyl Acetate

Concen: 7.78 ug/l

RT: 7.208 min Scan# 899

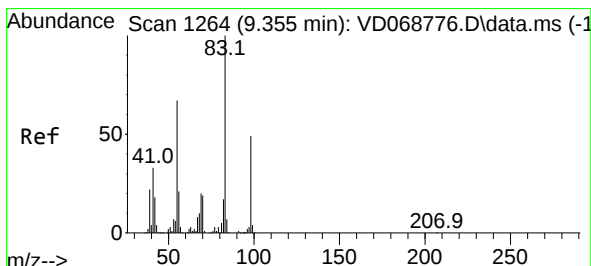
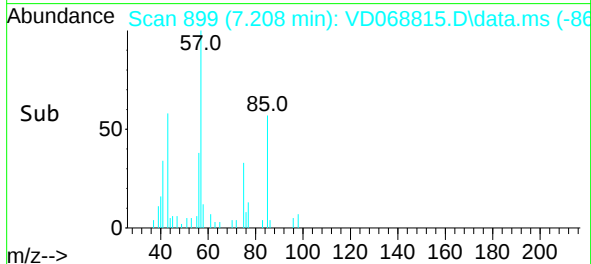
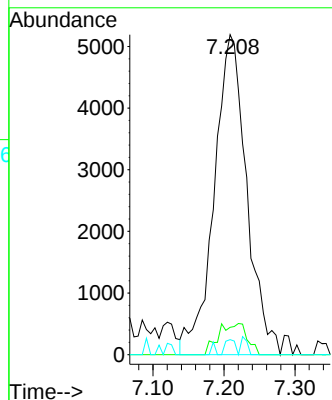
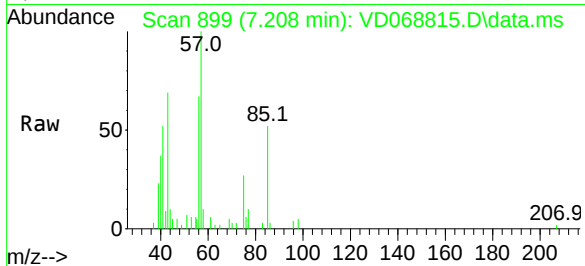
Delta R.T. -0.088 min

Lab File: VD068815.D

Acq: 09 Apr 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
S-1RE

Tgt Ion:	43	Resp:	16478
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.2	21.4#
70	1.5	9.4	14.0#



#39

Methylcyclohexane

Concen: 51.49 ug/l

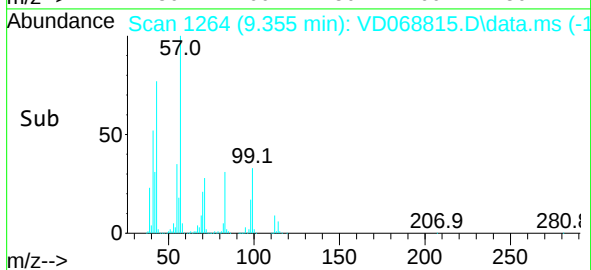
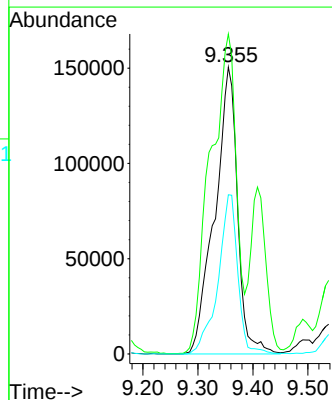
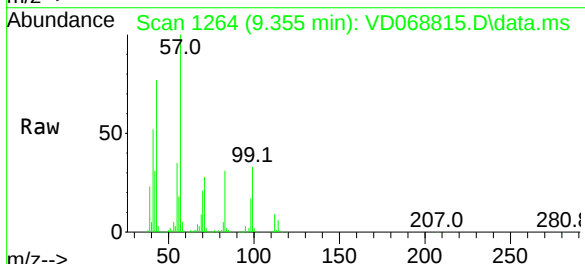
RT: 9.355 min Scan# 1264

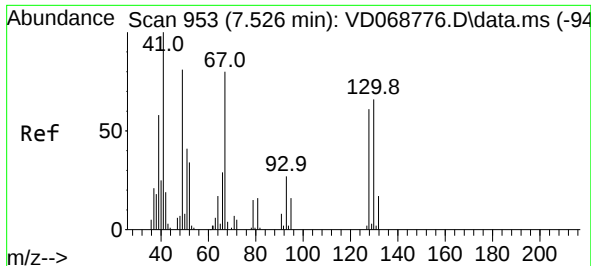
Delta R.T. 0.000 min

Lab File: VD068815.D

Acq: 09 Apr 2021 16:46

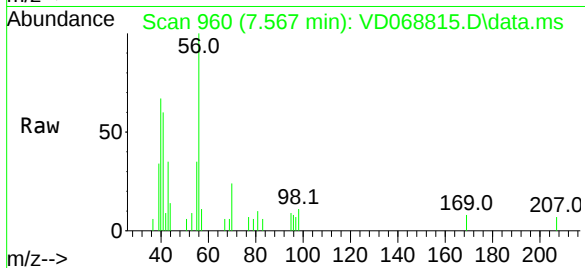
Tgt Ion:	83	Resp:	432997
Ion	Ratio	Lower	Upper
83	100		
55	111.3	51.7	77.5#
98	55.5	38.8	58.2



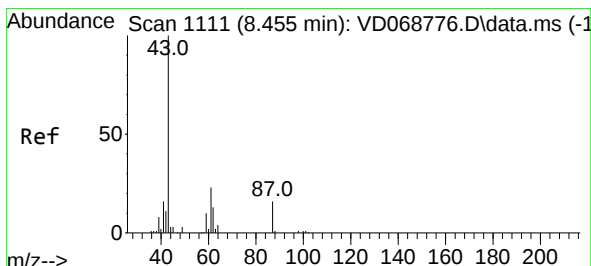
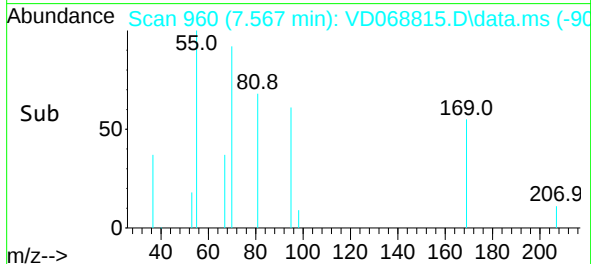
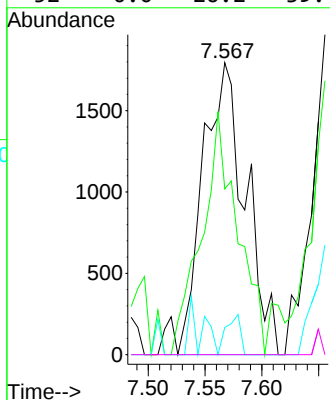


#41
Methacrylonitrile
Concen: 3.72 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.041 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
S-1RE

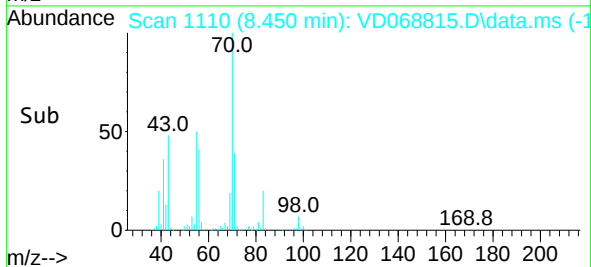
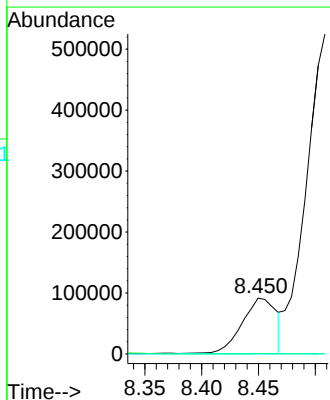
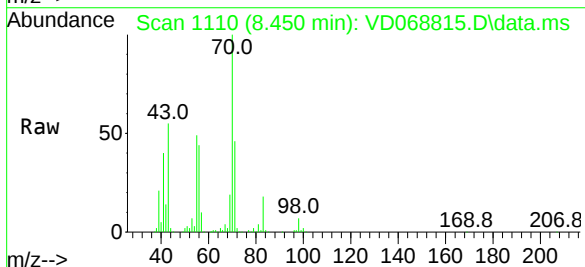


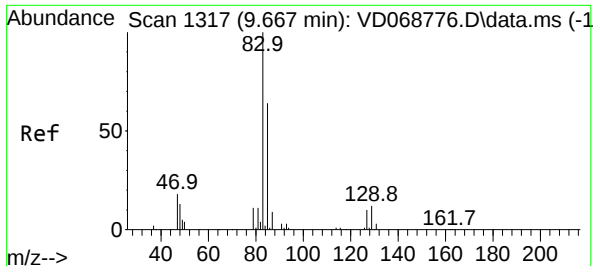
Tgt Ion:	41	Resp:	4660
Ion	Ratio	Lower	Upper
41	100		
39	70.7	43.2	64.8#
67	4.6	63.9	95.9#
52	0.0	26.2	39.4#



#43
Isopropyl Acetate
Concen: 43.68 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:	43	Resp:	188577
Ion	Ratio	Lower	Upper
43	100		
61	0.3	29.5	44.3#
87	0.0	13.5	20.3#

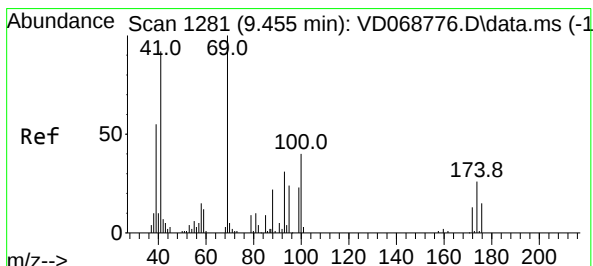
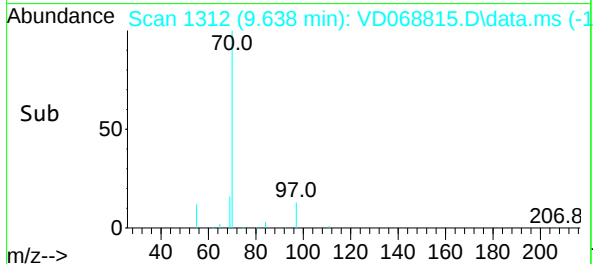
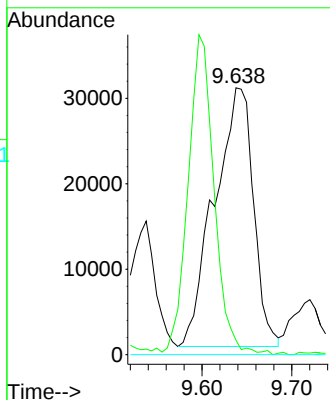
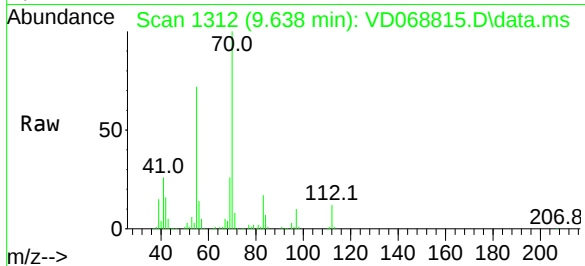




#47
Bromodichloromethane
Concen: 12.46 ug/l
RT: 9.638 min Scan# 1312
Delta R.T. -0.029 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

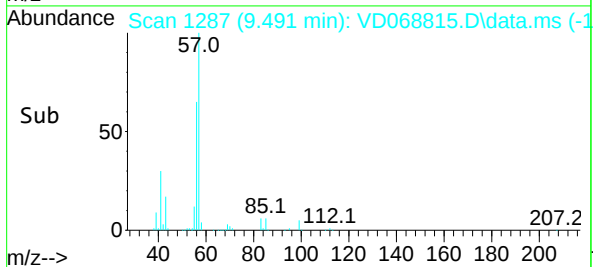
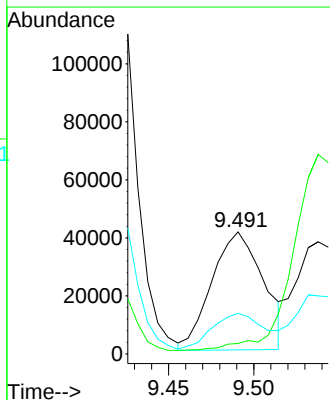
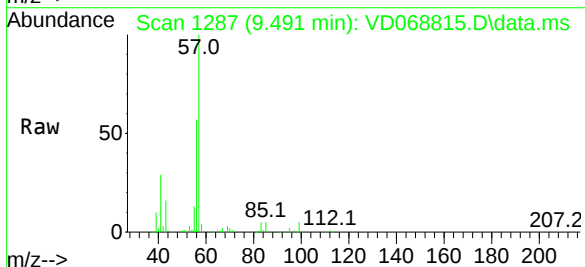
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

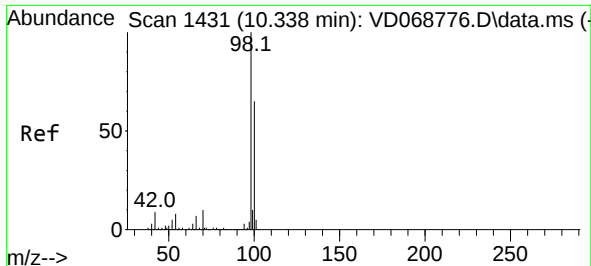
Tgt Ion: 83 Resp: 91392
Ion Ratio Lower Upper
83 100
85 5.1 51.0 76.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 40.14 ug/l
RT: 9.491 min Scan# 1287
Delta R.T. 0.036 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 41 Resp: 85403
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.6#
39 33.4 47.0 70.6#

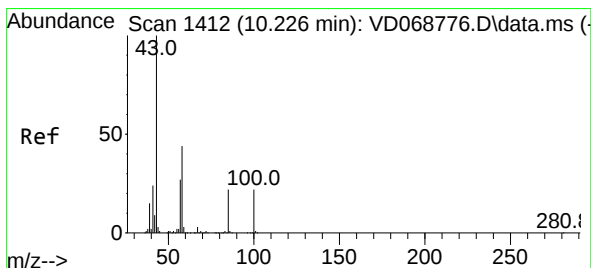
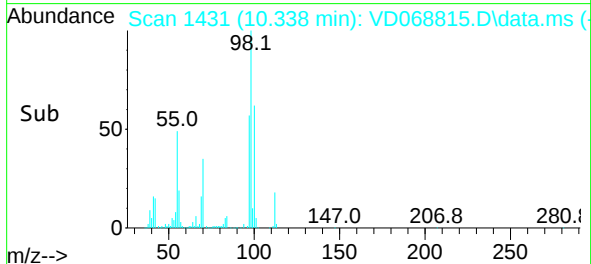
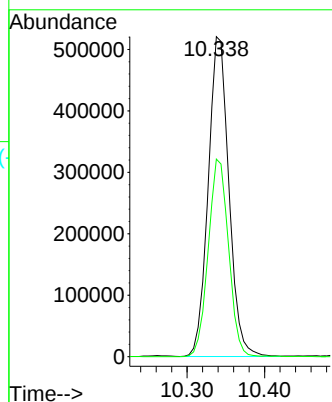
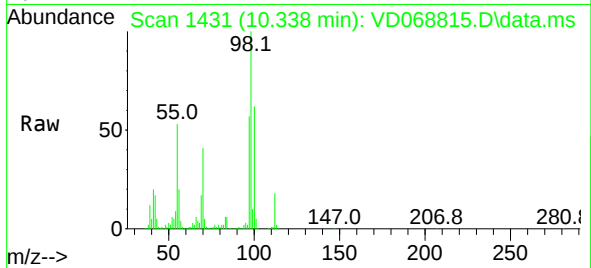




#50
Toluene-d8
Concen: 55.18 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

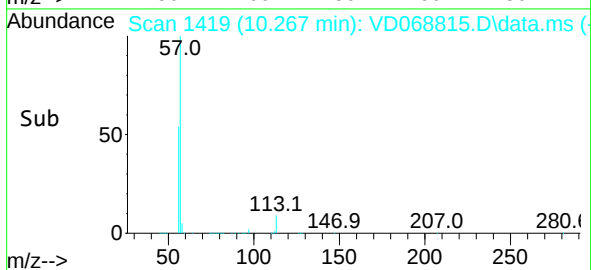
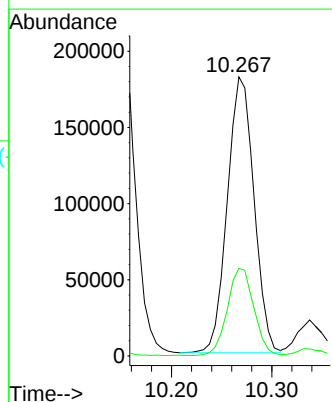
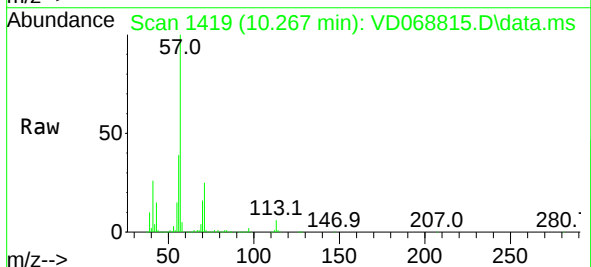
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

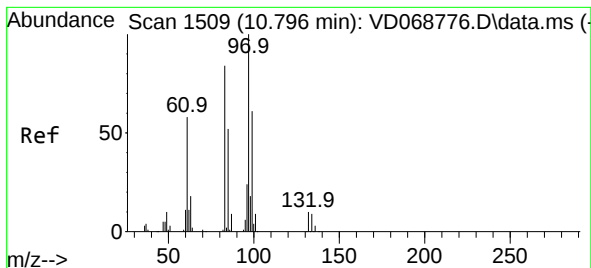
Tgt Ion: 98 Resp: 964557
Ion Ratio Lower Upper
98 100
100 60.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 153.92 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

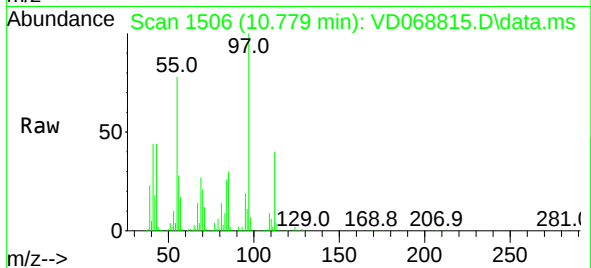
Tgt Ion: 43 Resp: 334955
Ion Ratio Lower Upper
43 100
58 31.3 37.3 55.9#



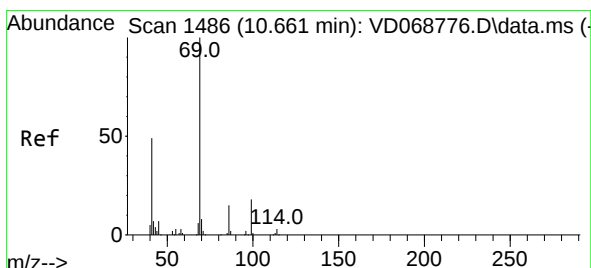
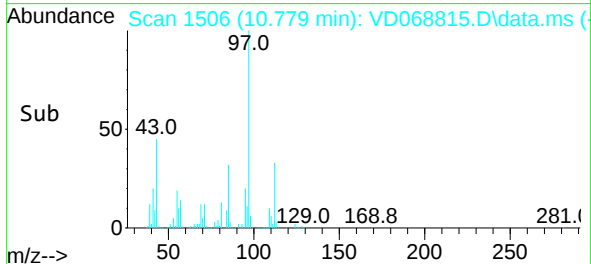
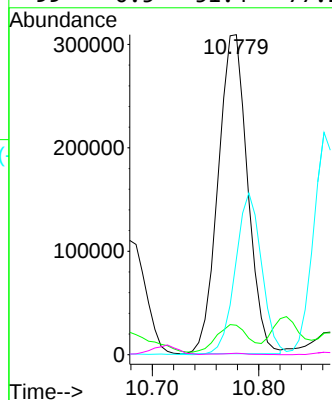


#55
1,1,2-Trichloroethane
Concen: 149.08 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.017 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
S-1RE

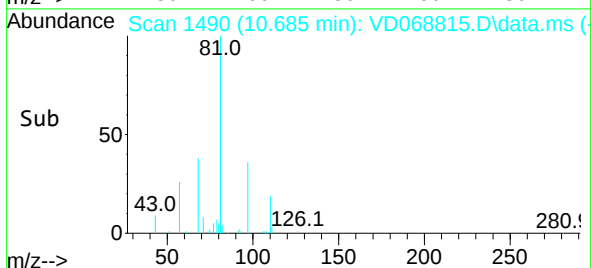
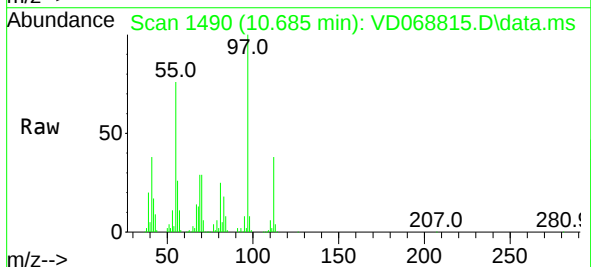
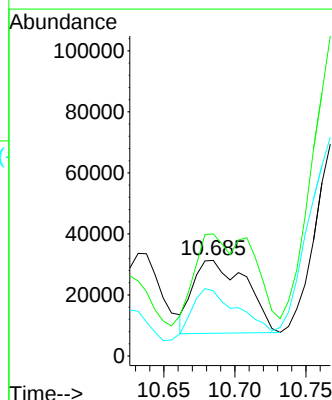


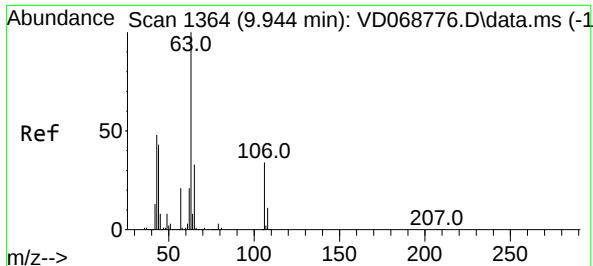
Tgt Ion:	97	Resp:	591776
Ion	Ratio	Lower	Upper
97	100		
83	8.1	65.7	98.5#
85	29.9	44.3	66.5#
99	0.5	51.4	77.2#



#56
Ethyl methacrylate
Concen: 15.11 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.024 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:	69	Resp:	61734
Ion	Ratio	Lower	Upper
69	100		
41	82.8	42.2	63.4#
39	68.4	24.2	36.2#

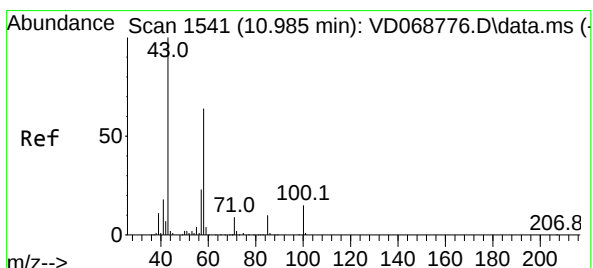
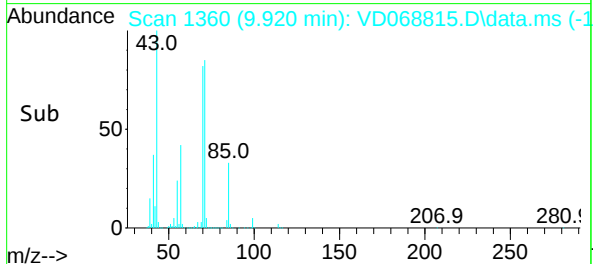
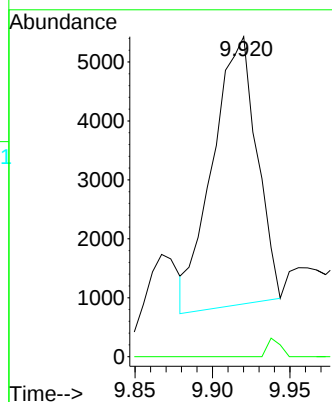
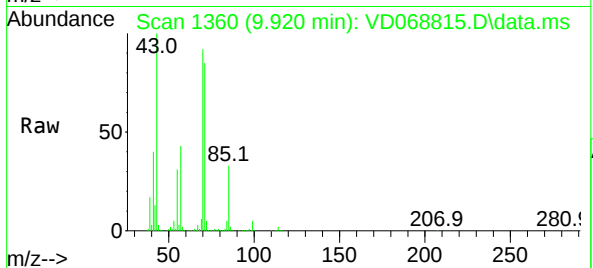




#58
2-Chloroethyl Vinyl ether
Concen: 20.86 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.024 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

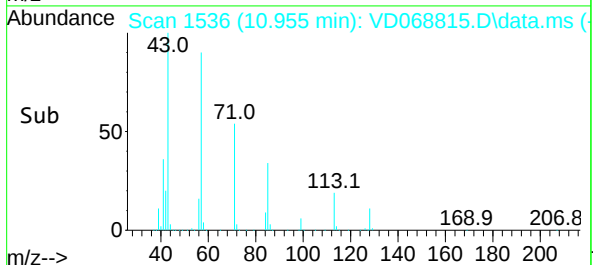
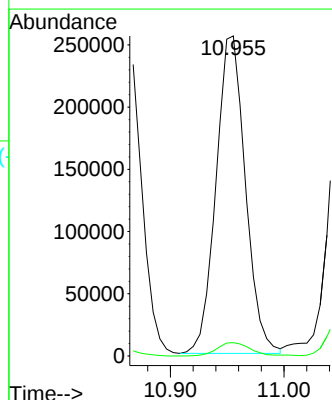
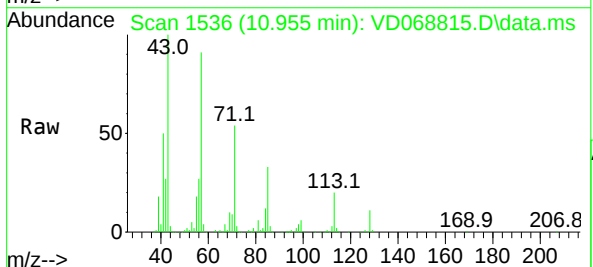
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

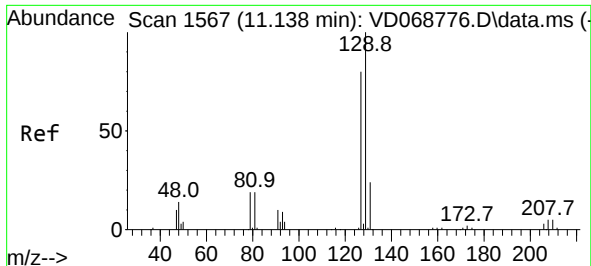
Tgt Ion: 63 Resp: 9034
Ion Ratio Lower Upper
63 100
106 2.0 24.6 36.8#



#59
2-Hexanone
Concen: 315.17 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.030 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 43 Resp: 458907
Ion Ratio Lower Upper
43 100
58 4.9 31.3 93.8#

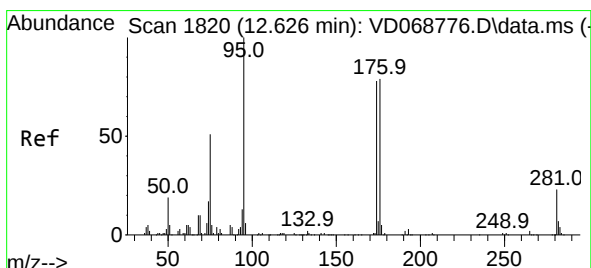
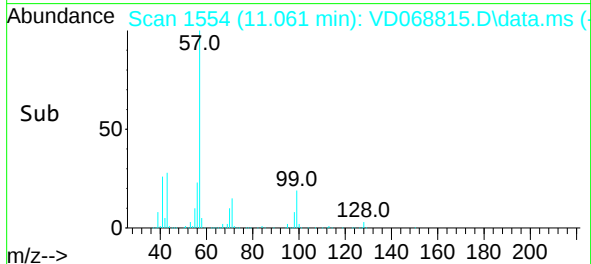
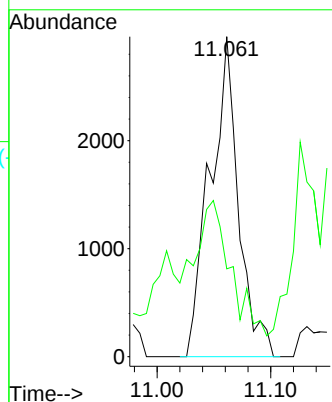
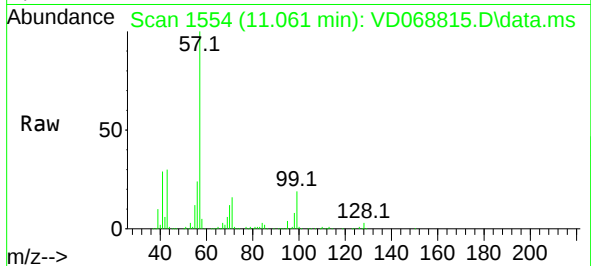




#60
Dibromochloromethane
Concen: 1.04 ug/l
RT: 11.061 min Scan# 1554
Delta R.T. -0.077 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

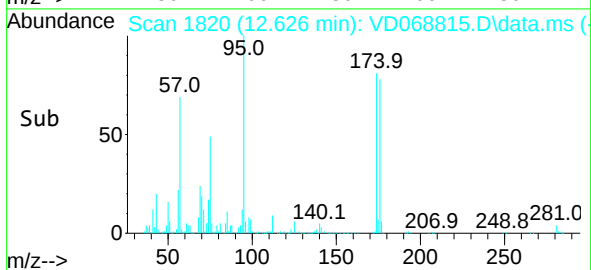
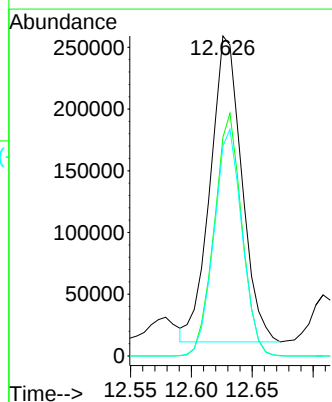
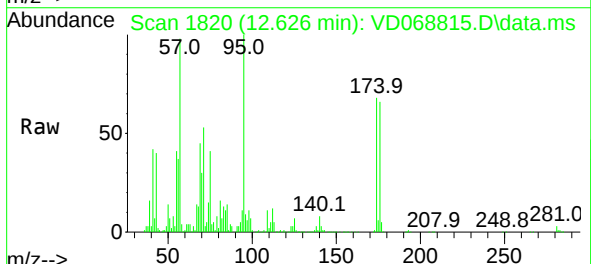
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

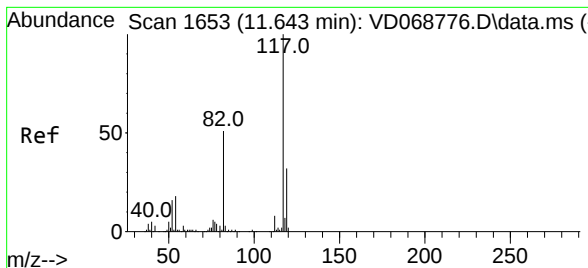
Tgt Ion:129 Resp: 5156
Ion Ratio Lower Upper
129 100
127 52.7 38.8 116.3



#62
4-Bromofluorobenzene
Concen: 76.95 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 95 Resp: 446682
Ion Ratio Lower Upper
95 100
174 69.2 0.0 168.0
176 66.0 0.0 160.2

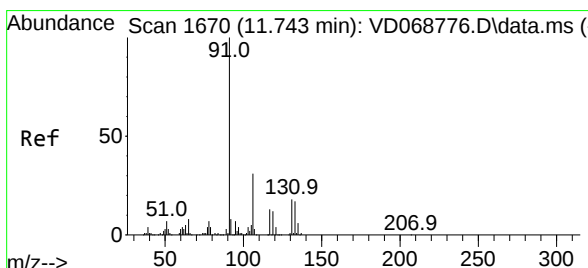
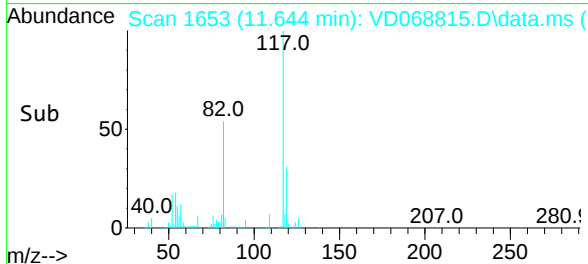
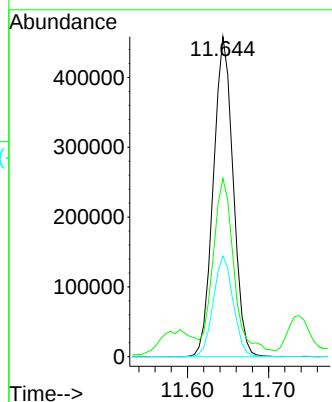
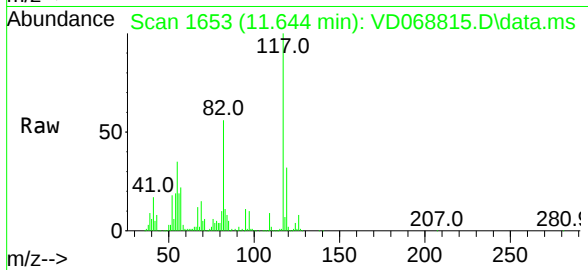




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

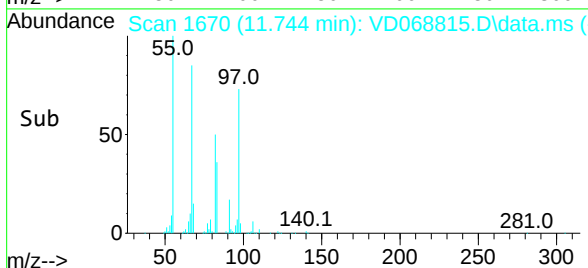
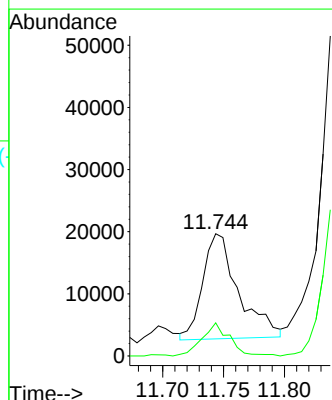
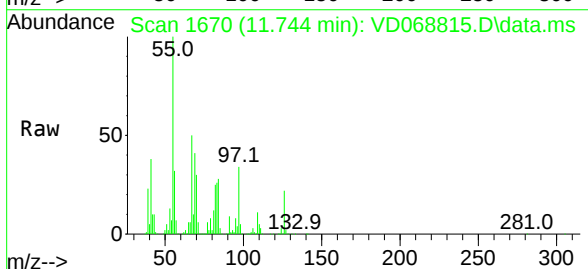
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

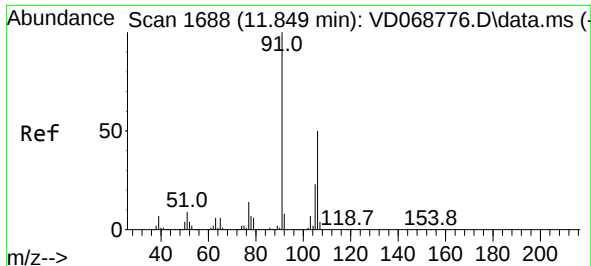
Tgt Ion:117 Resp: 777809
Ion Ratio Lower Upper
117 100
82 52.9 43.5 65.3
119 31.5 26.7 40.1



#67
Ethyl Benzene
Concen: 1.19 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 91 Resp: 34573
Ion Ratio Lower Upper
91 100
106 33.1 25.1 37.7

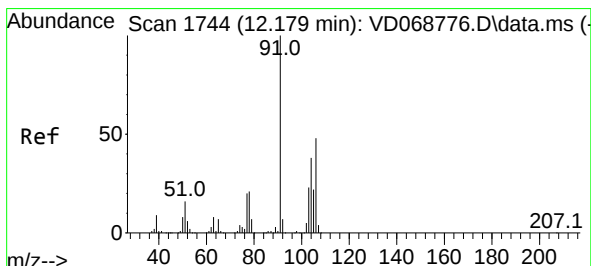
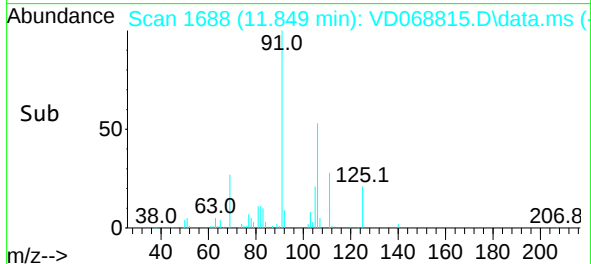
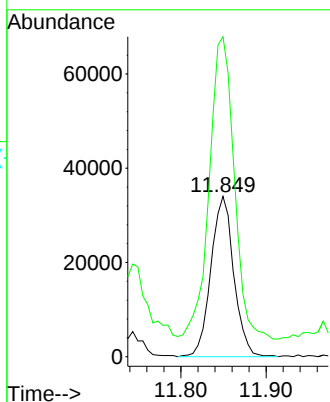
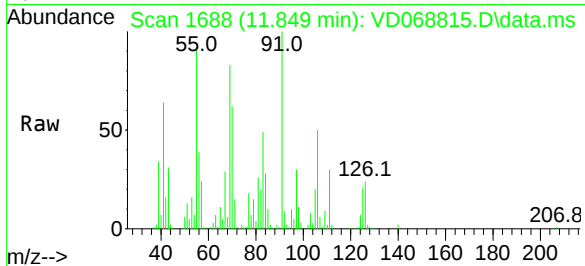




#68
m/p-Xylenes
Concen: 5.64 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

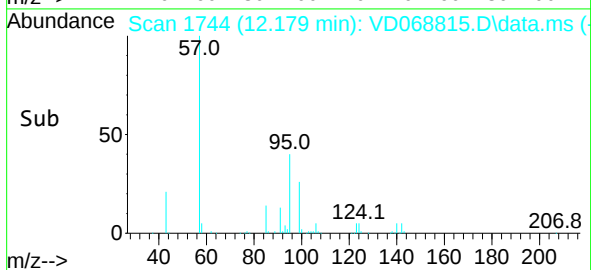
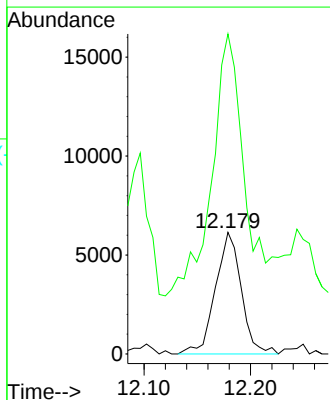
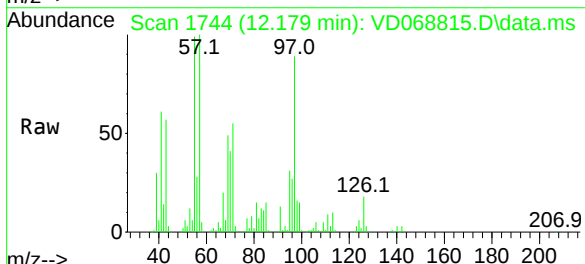
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

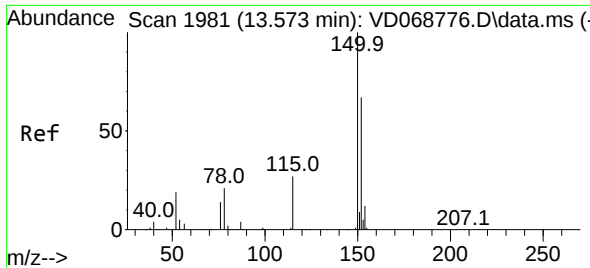
Tgt Ion:106 Resp: 63437
Ion Ratio Lower Upper
106 100
91 216.6 158.6 238.0



#69
o-Xylene
Concen: 1.01 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:106 Resp: 10348
Ion Ratio Lower Upper
106 100
91 274.7 105.0 315.0

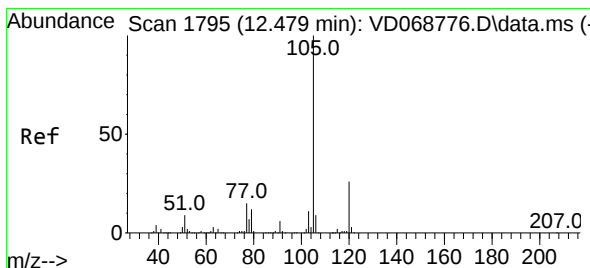
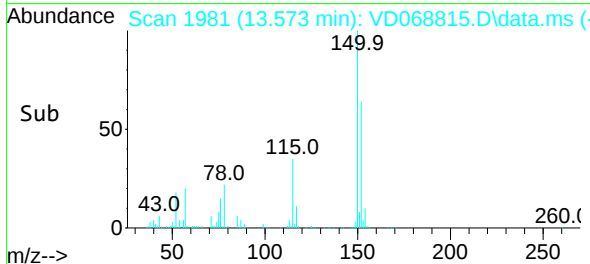
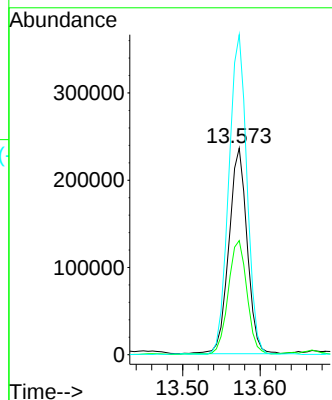
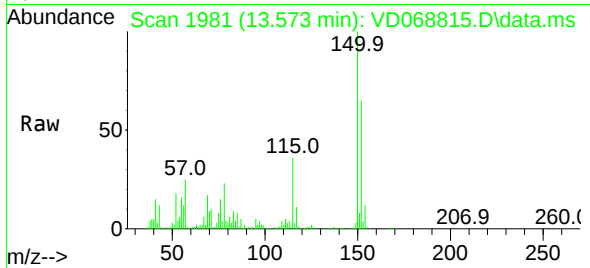




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

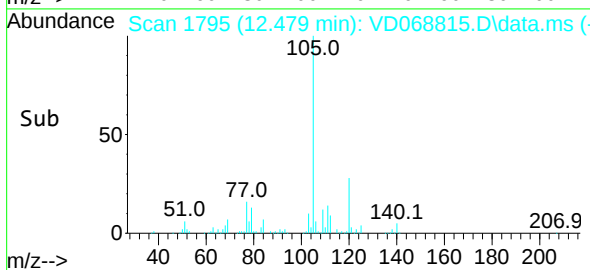
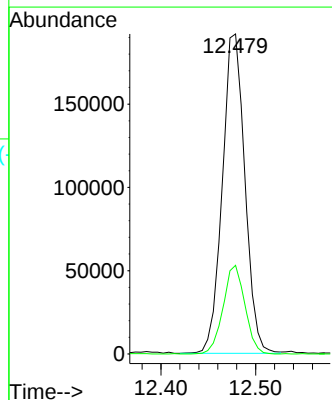
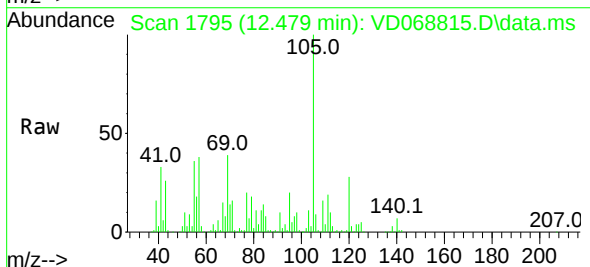
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

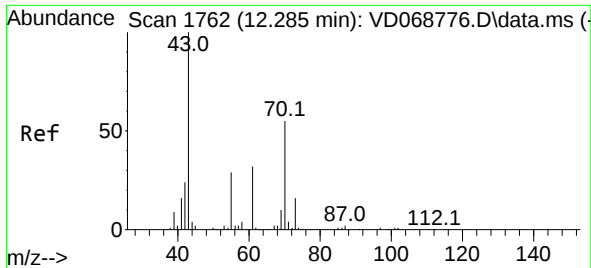
Tgt Ion:152 Resp: 386957
Ion Ratio Lower Upper
152 100
115 55.9 29.3 87.8
150 153.9 0.0 347.6



#73
Isopropylbenzene
Concen: 11.22 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:105 Resp: 316985
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

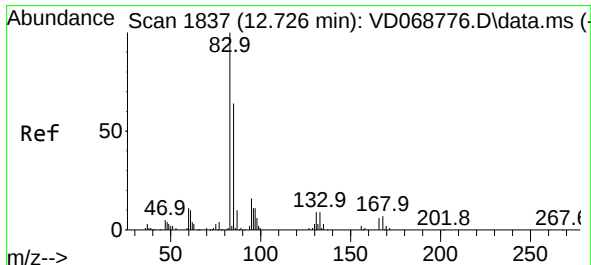
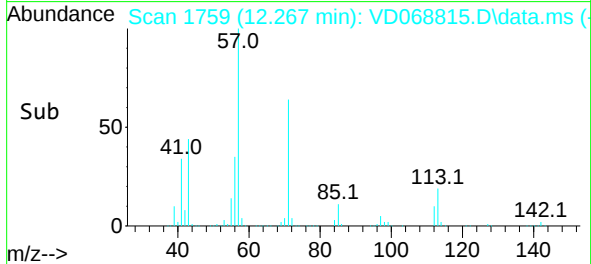
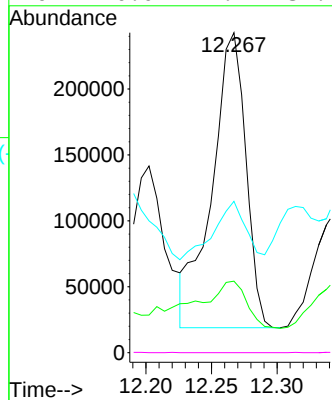
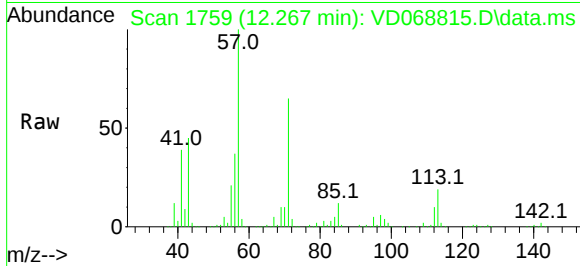




#74
N-amy1 acetate
Concen: 83.98 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

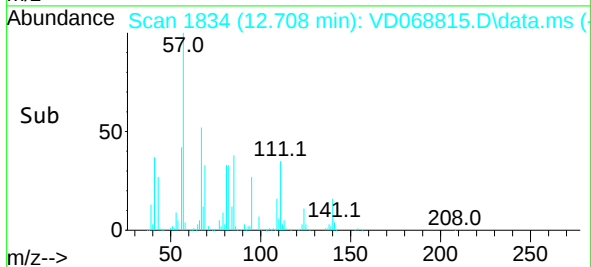
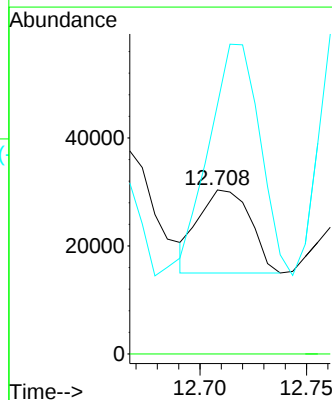
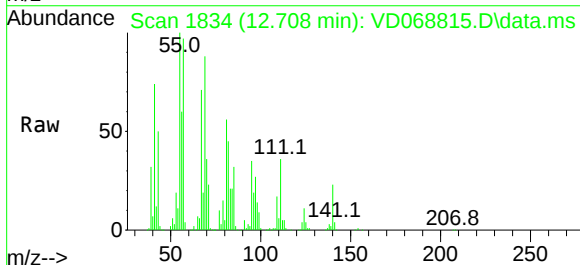
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

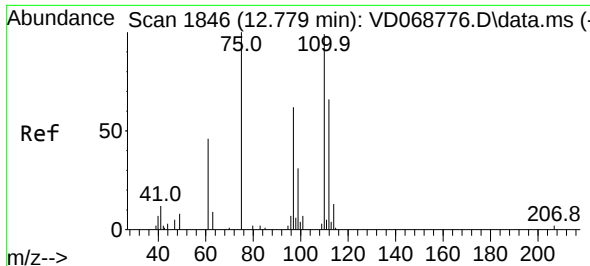
Tgt Ion:	43	Resp:	402403
Ion	Ratio	Lower	Upper
43	100		
70	25.7	41.9	62.9#
55	13.4	22.8	34.2#
61	0.0	22.7	34.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.93 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.018 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:	83	Resp:	26056
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	289.5	32.0	96.0#

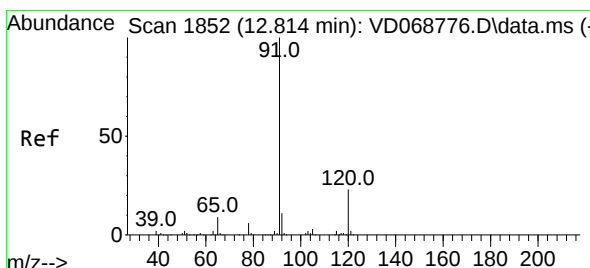
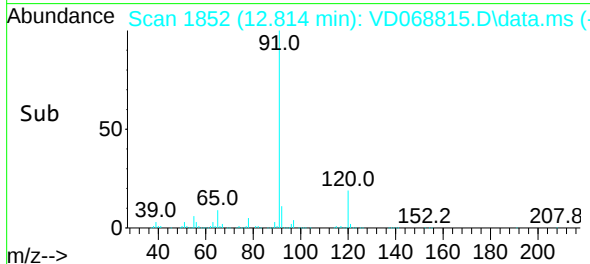
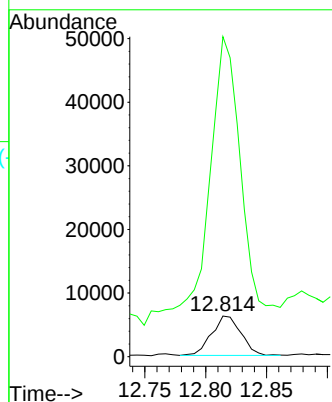
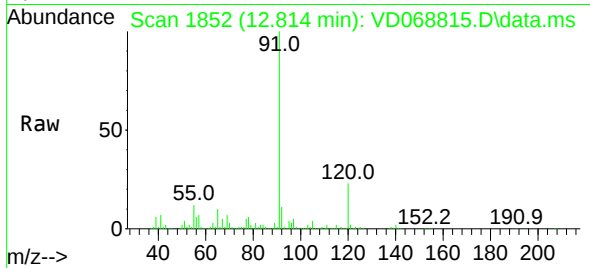




#76
1,2,3-Trichloropropane
Concen: 2.94 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.035 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

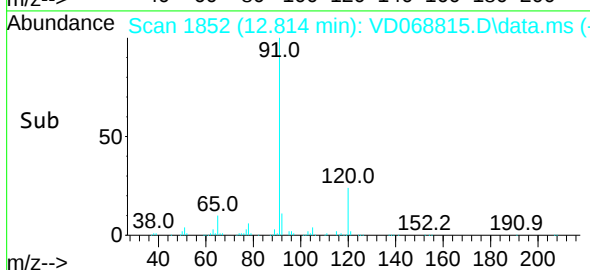
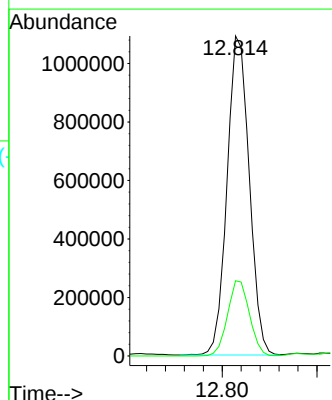
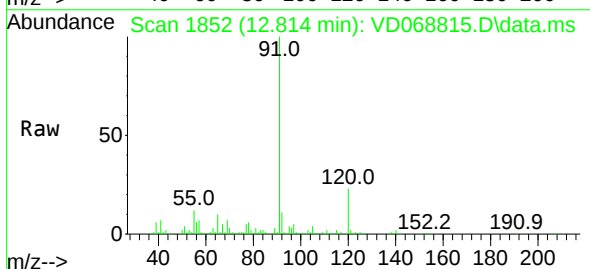
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

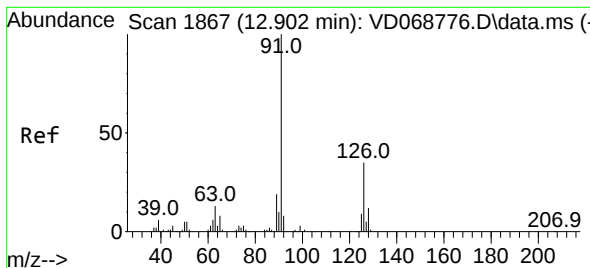
Tgt Ion: 75 Resp: 10400
Ion Ratio Lower Upper
75 100
77 829.9 0.0 0.0#



#78
n-propylbenzene
Concen: 51.71 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 91 Resp: 1774435
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2

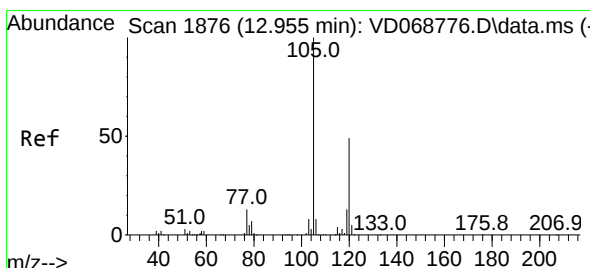
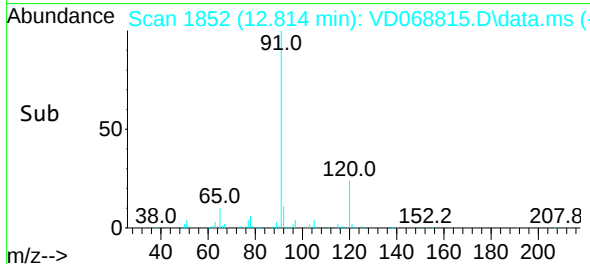
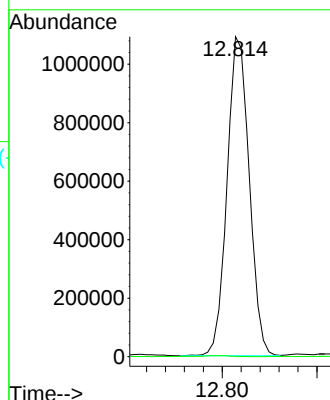
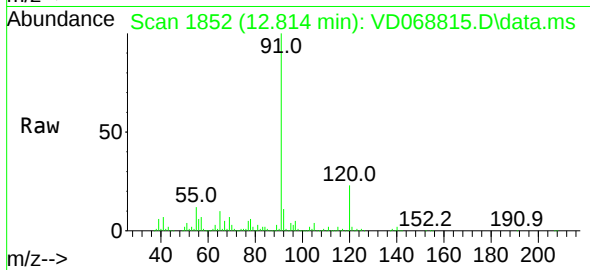




#79
2-Chlorotoluene
Concen: 92.56 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.088 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

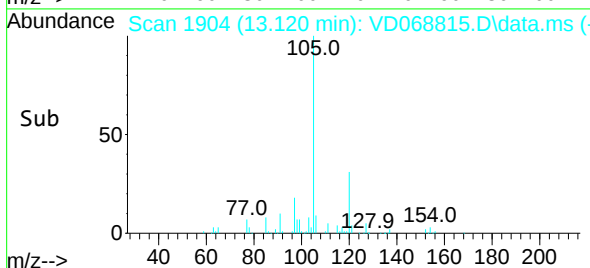
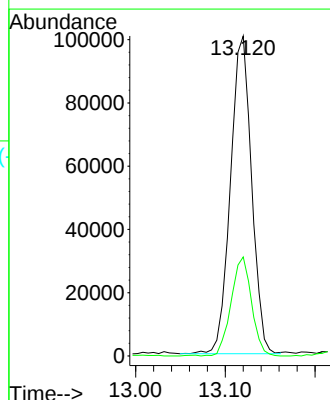
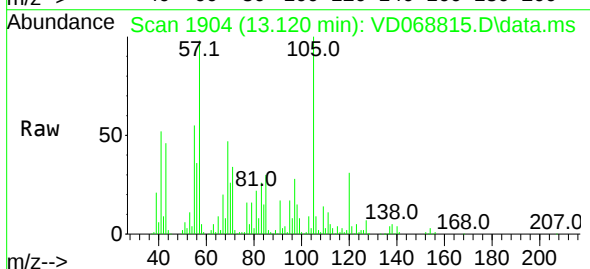
Instrument :
MSVOA_D
ClientSampled :
S-1RE

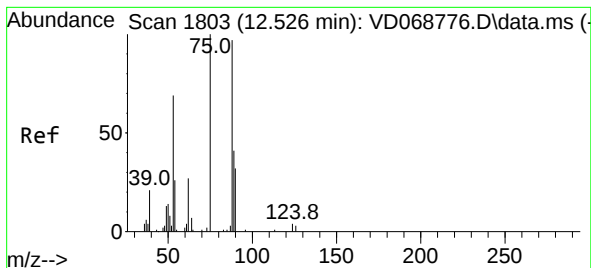
Tgt Ion: 91 Resp: 1774435
Ion Ratio Lower Upper
91 100
126 0.4 17.1 51.3#



#80
1,3,5-Trimethylbenzene
Concen: 6.95 ug/l
RT: 13.120 min Scan# 1904
Delta R.T. 0.165 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 105 Resp: 164121
Ion Ratio Lower Upper
105 100
120 30.1 24.9 74.7

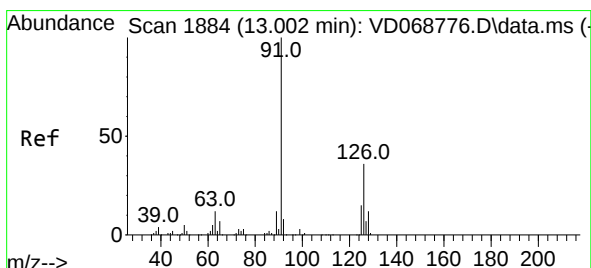
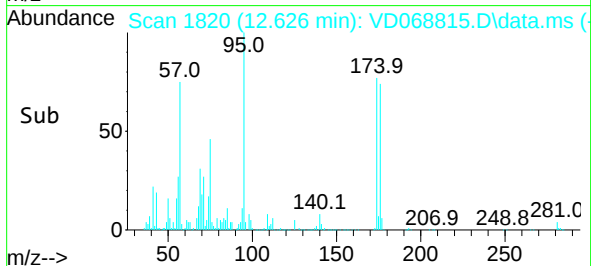
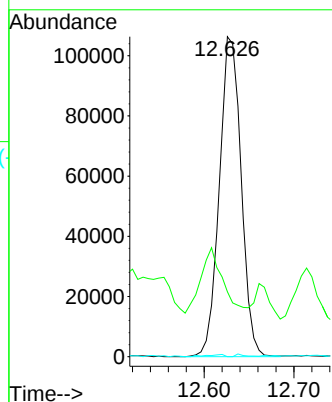
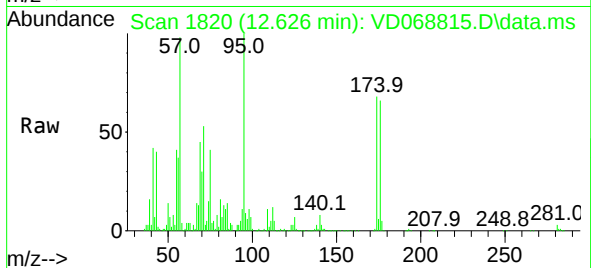




#81
trans-1,4-Dichloro-2-butene
Concen: 117.84 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

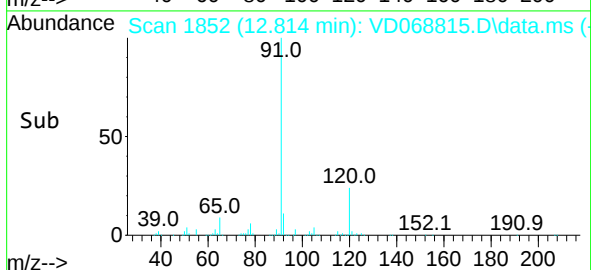
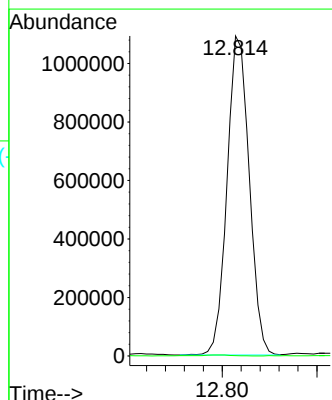
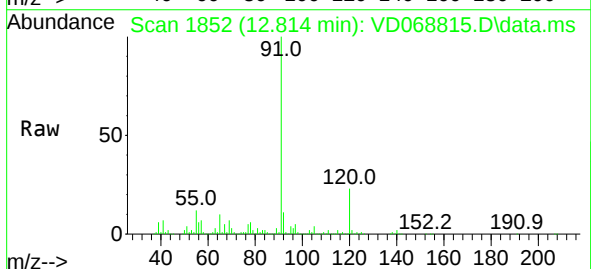
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

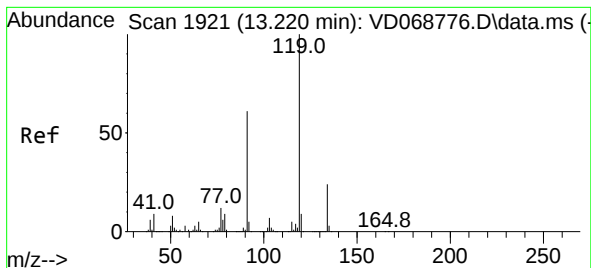
Tgt Ion: 75 Resp: 179509
Ion Ratio Lower Upper
75 100
53 28.6 66.8 100.2#
89 0.5 36.6 54.8#



#82
4-Chlorotoluene
Concen: 87.32 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.188 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 91 Resp: 1774435
Ion Ratio Lower Upper
91 100
126 0.4 17.2 51.5#

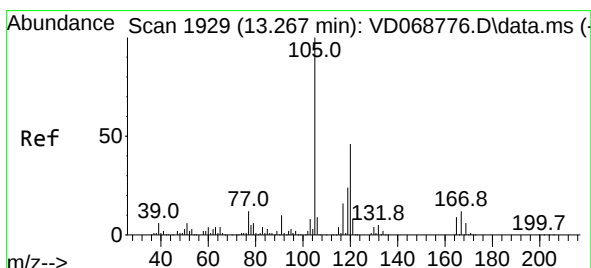
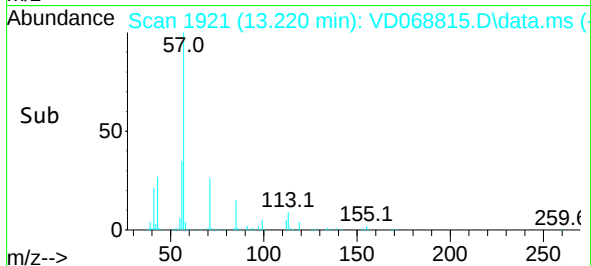
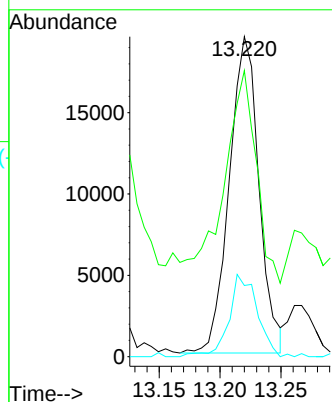
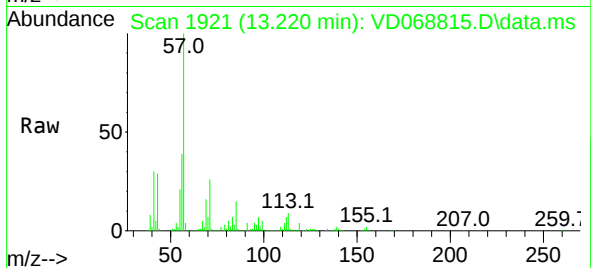




#83
tert-Butylbenzene
Concen: 1.65 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

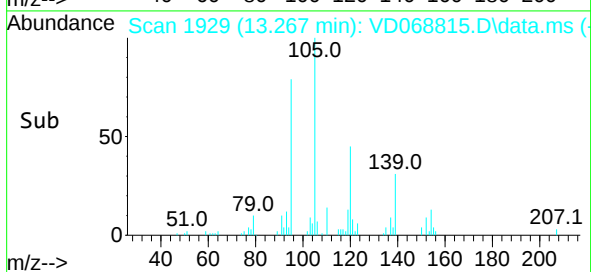
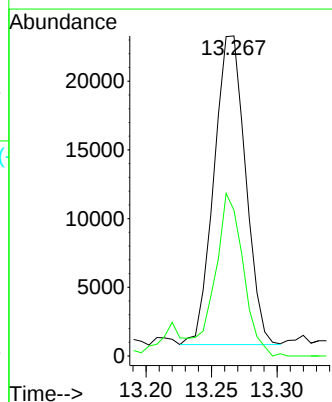
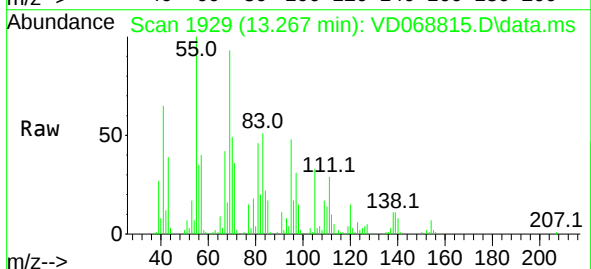
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

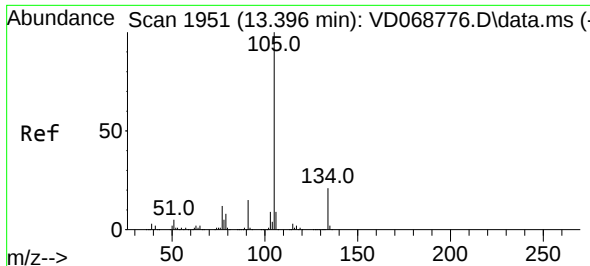
Tgt Ion:119 Resp: 33064
Ion Ratio Lower Upper
119 100
91 0.0 31.6 95.0#
134 0.0 13.4 40.2#



#84
1,2,4-Trimethylbenzene
Concen: 1.58 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:105 Resp: 37620
Ion Ratio Lower Upper
105 100
120 47.0 22.6 67.7

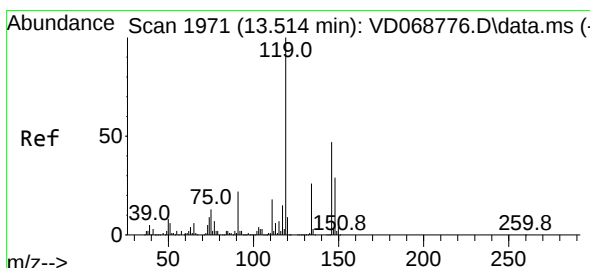
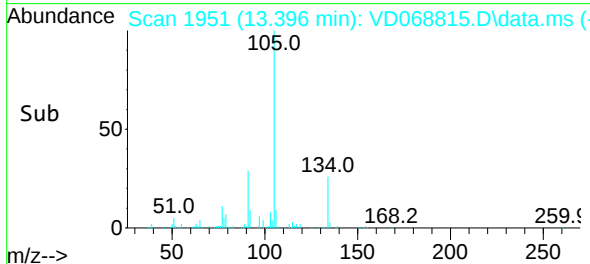
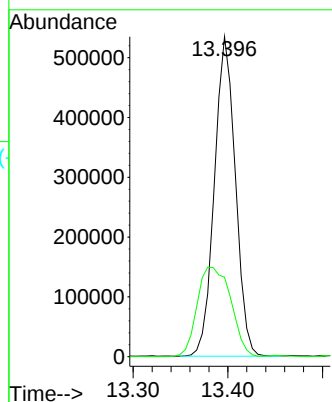
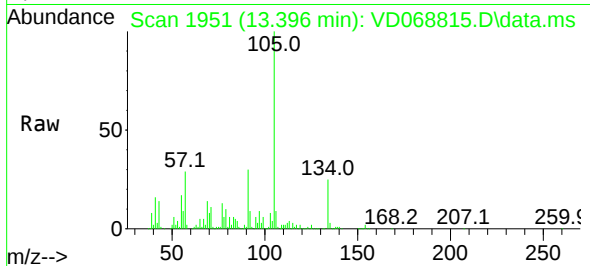




#85
 sec-Butylbenzene
 Concen: 29.10 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068815.D
 Acq: 09 Apr 2021 16:46

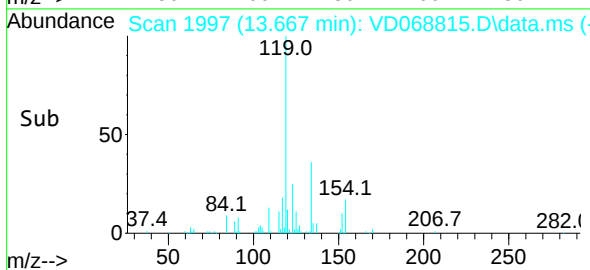
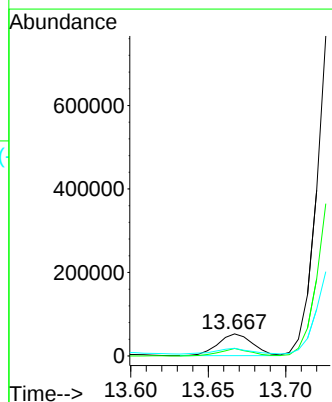
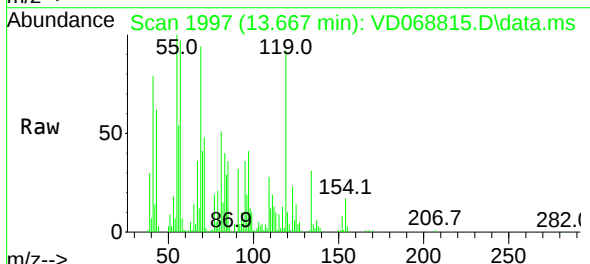
Instrument :
 MSVOA_D
 ClientSampleId :
 S-1RE

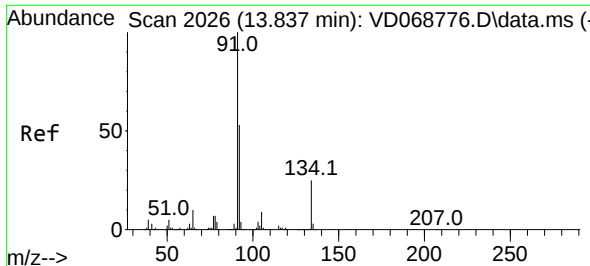
Tgt Ion:105 Resp: 823010
 Ion Ratio Lower Upper
 105 100
 134 45.0 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 3.16 ug/l
 RT: 13.667 min Scan# 1997
 Delta R.T. 0.153 min
 Lab File: VD068815.D
 Acq: 09 Apr 2021 16:46

Tgt Ion:119 Resp: 81505
 Ion Ratio Lower Upper
 119 100
 134 30.1 13.3 39.9
 91 0.0 11.1 33.1#

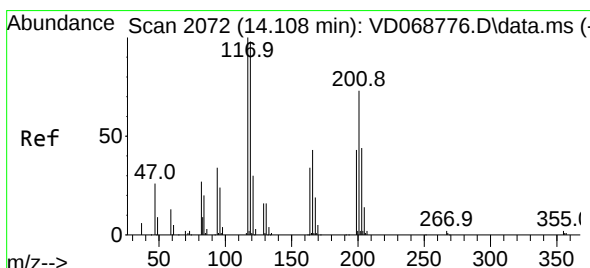
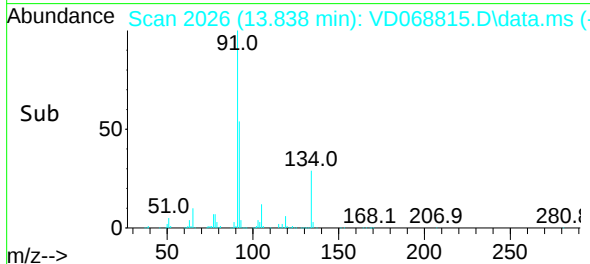
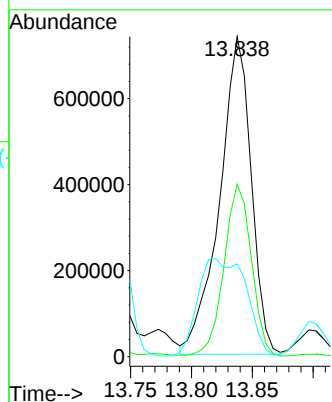
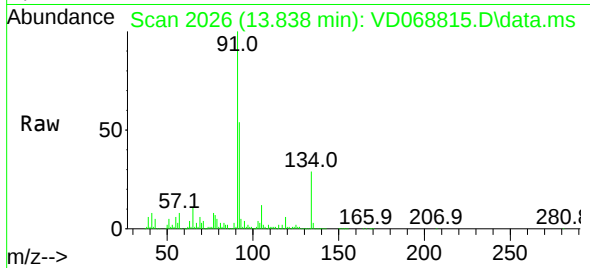




#89
n-Butylbenzene
Concen: 54.82 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.001 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

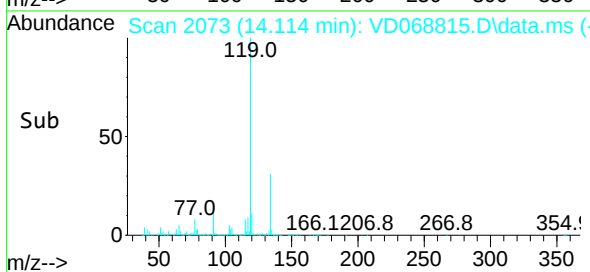
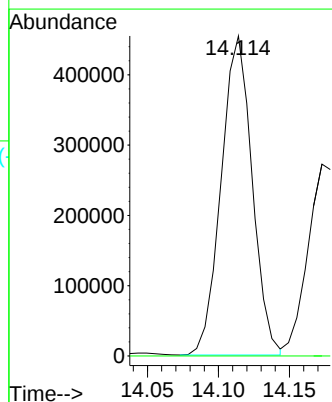
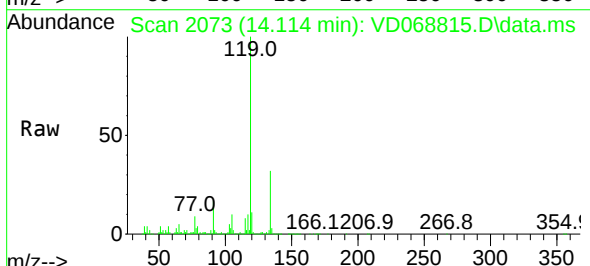
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

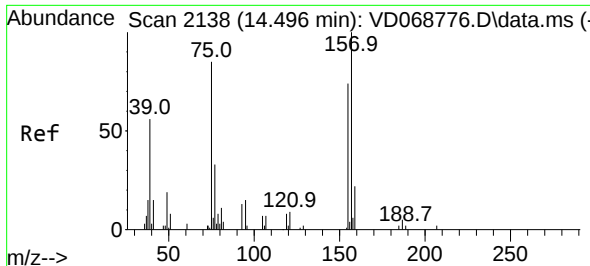
Tgt Ion: 91 Resp: 1333834
Ion Ratio Lower Upper
91 100
92 46.7 26.7 80.1
134 47.0 12.9 38.6#



#90
Hexachloroethane
Concen: 133.75 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion: 117 Resp: 688222
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#

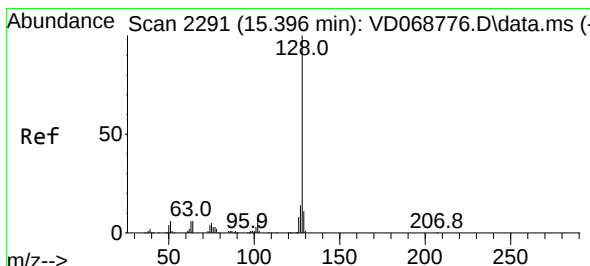
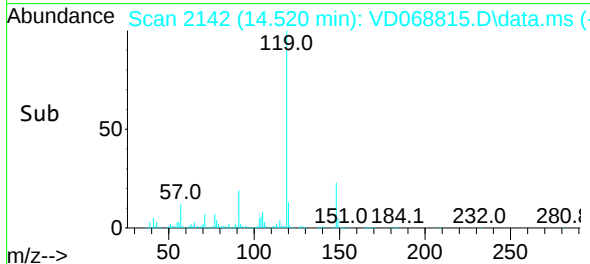
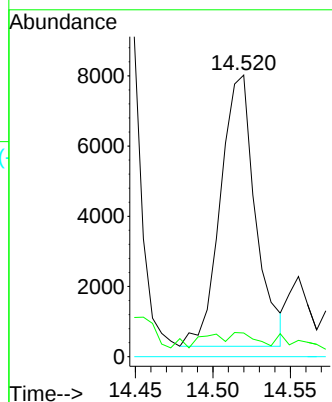
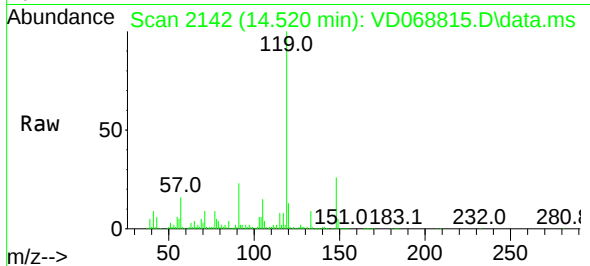




#92
1,2-Dibromo-3-Chloropropane
Concen: 15.16 ug/l
RT: 14.520 min Scan# 2142
Delta R.T. 0.024 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :
S-1RE

Tgt Ion: 75 Resp: 12174
Ion Ratio Lower Upper
75 100
155 4.3 46.8 140.3#
157 0.0 59.8 179.3#



#95
Naphthalene
Concen: 13.71 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068815.D
Acq: 09 Apr 2021 16:46

Tgt Ion:128 Resp: 172046
Ion Ratio Lower Upper
128 100
127 9.2 10.2 15.4#
129 0.0 8.9 13.3#

