

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068885.D
 Acq On : 16 Apr 2021 19:40
 Operator : VA/SY
 Sample : M2070-07
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JGD-3150-D3550-B

Quant Time: Apr 16 23:52:24 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)

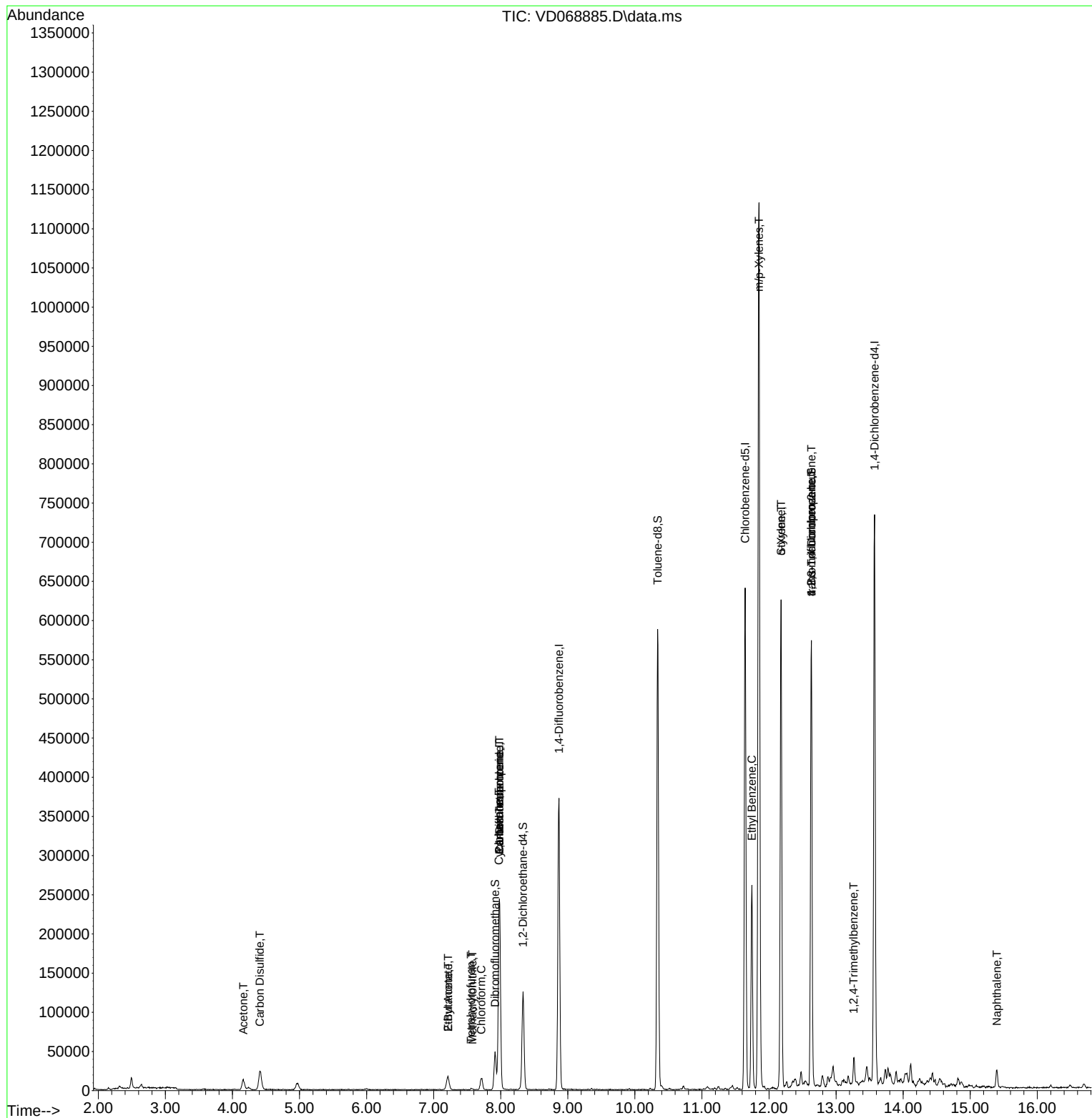
Internal Standards						
1) Pentafluorobenzene	7.979	168	195907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	339586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	390472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	207928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	96719	46.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.42%		
35) Dibromofluoromethane	7.914	113	33929	15.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	30.72%#		
50) Toluene-d8	10.338	98	421192	50.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.10%		
62) 4-Bromofluorobenzene	12.632	95	188005	67.94	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	135.88%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.226	59	297	Below Cal	#	73
16) Acetone	4.162	43	21528	75.09	ug/l	97
17) Carbon Disulfide	4.409	76	52553	8.28	ug/l	97
20) Methylene Chloride	4.973	84	7483	Below Cal	#	83
25) 2-Butanone	7.214	43	20587	50.74	ug/l	99
29) Tetrahydrofuran	7.556	42	590	2.16	ug/l	# 84
30) Chloroform	7.709	83	15342	3.47	ug/l	95
31) Cyclohexane	7.973	56	4138	1.20	ug/l	# 37
36) 1,1-Dichloropropene	7.979	75	14528	4.23	ug/l	# 51
37) Ethyl Acetate	7.214	43	20587	20.39	ug/l	# 64
38) Carbon Tetrachloride	7.979	117	18419	5.41	ug/l	# 16
41) Methacrylonitrile	7.579	41	647	1.08	ug/l	# 30
67) Ethyl Benzene	11.744	91	188573	12.88	ug/l	97
68) m/p-Xylenes	11.850	106	380381	67.35	ug/l	97
69) o-Xylene	12.179	106	178928	34.84	ug/l	98
70) Styrene	12.179	104	9223	1.03	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	91213	48.02	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	91213	111.44	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.261	105	20912	1.63	ug/l	98
95) Naphthalene	15.396	128	21478	3.18	ug/l	98

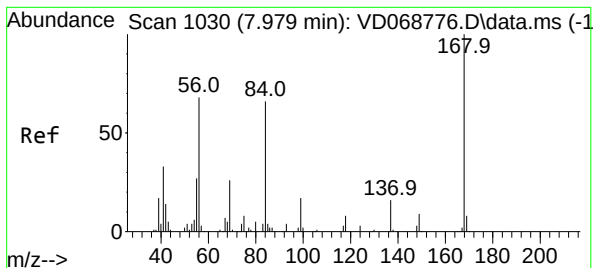
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.69G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

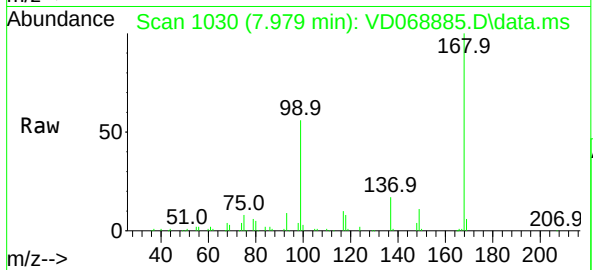
Quant Time: Apr 16 23:52:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
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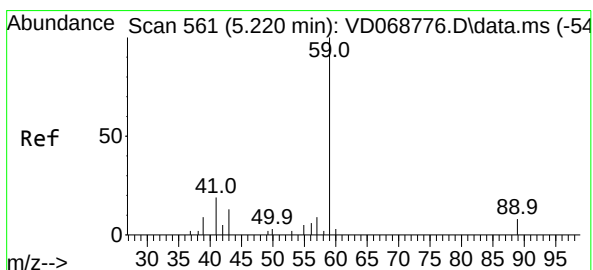
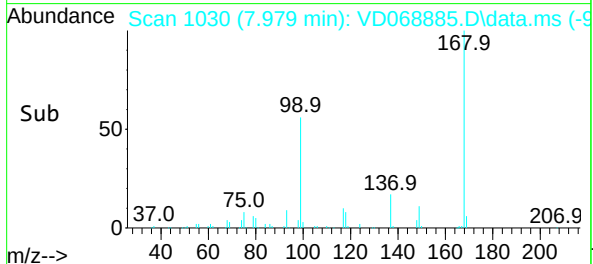
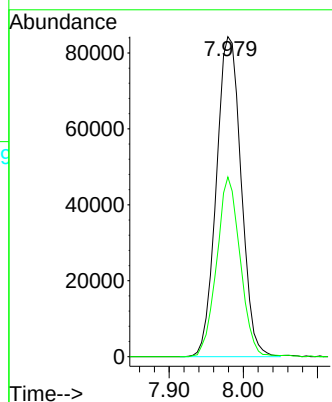


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

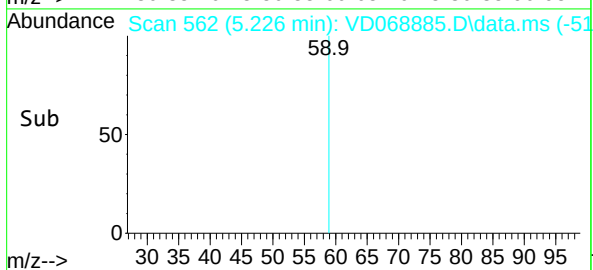
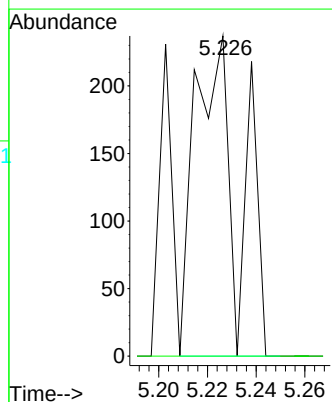
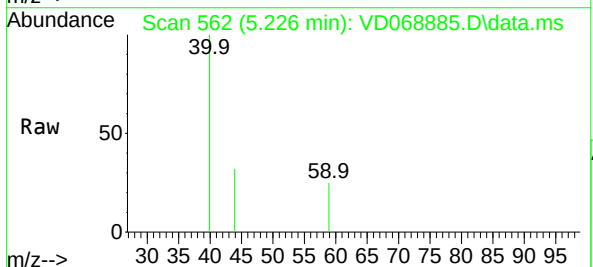


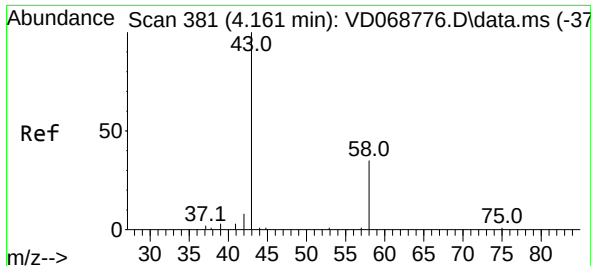
Tgt Ion:168 Resp: 195907
Ion Ratio Lower Upper
168 100
99 56.2 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

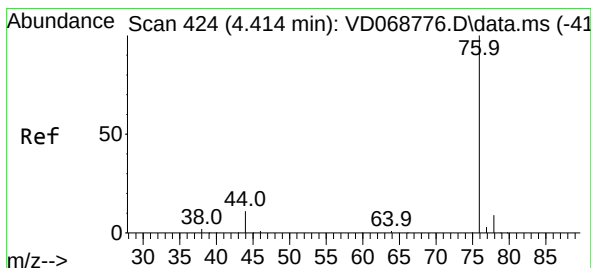
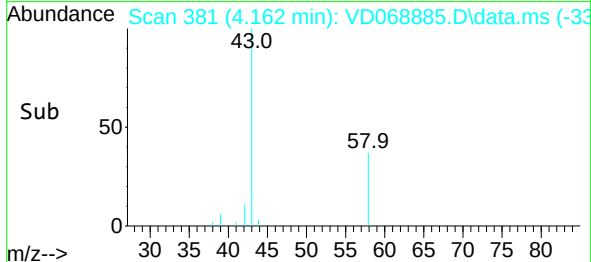
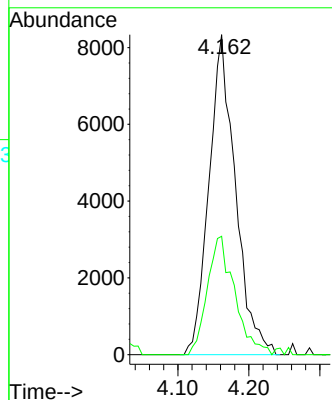
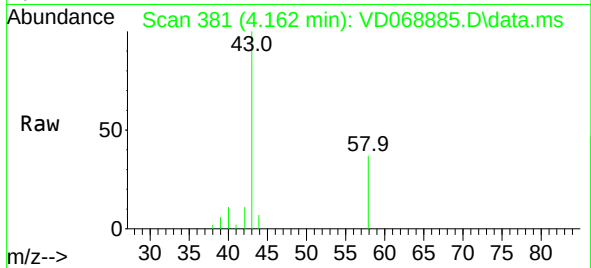




#16
Acetone
Concen: 75.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

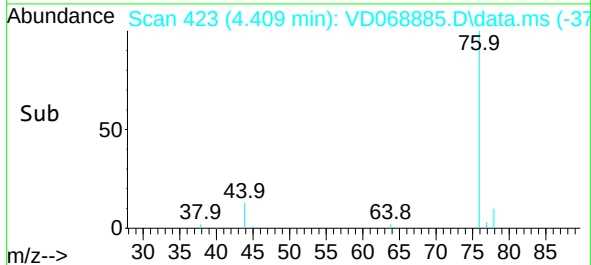
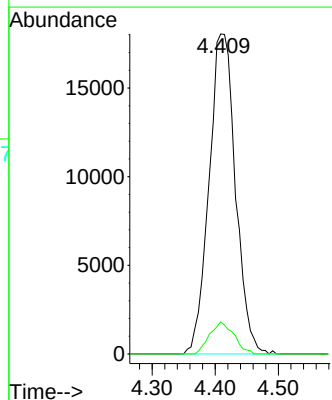
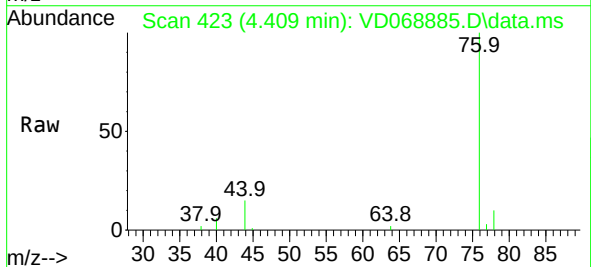
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

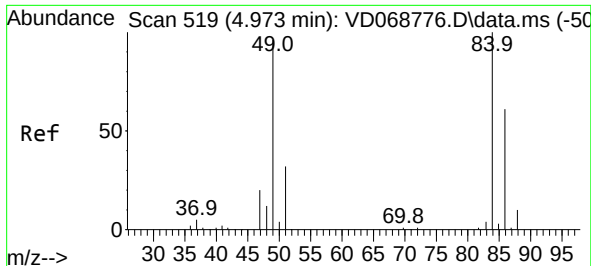
Tgt Ion: 43 Resp: 21528
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0



#17
Carbon Disulfide
Concen: 8.28 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 76 Resp: 52553
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

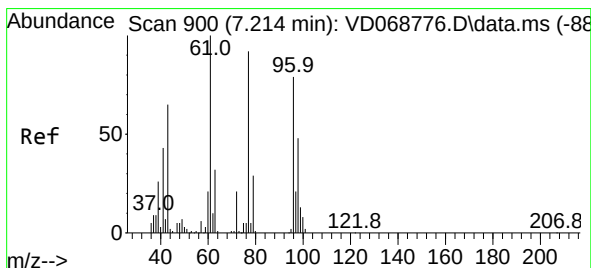
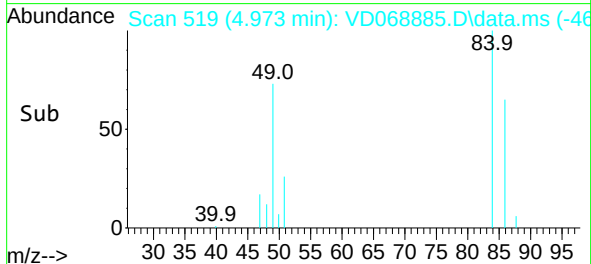
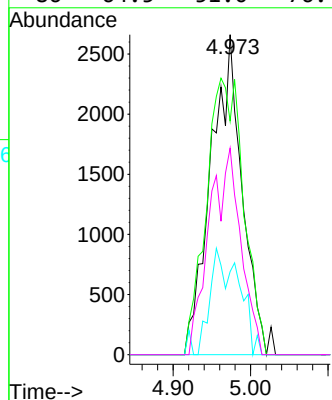
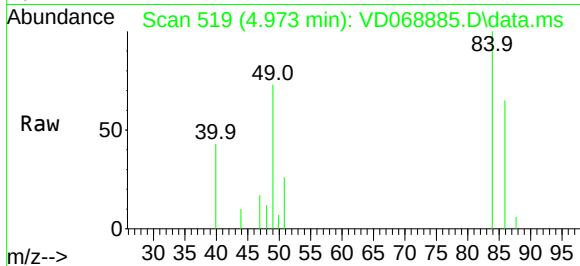




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

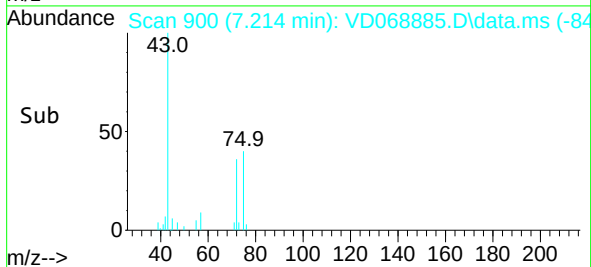
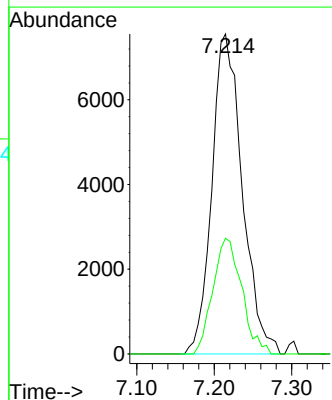
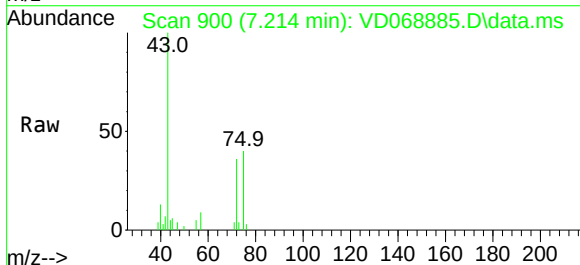
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

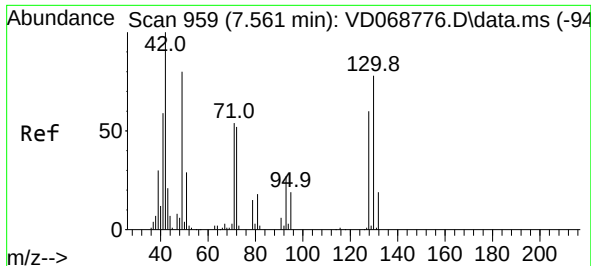
Tgt Ion:	84	Resp:	7483
Ion	Ratio	Lower	Upper
84	100		
49	73.0	83.4	125.0#
51	26.0	23.4	35.2
86	64.5	51.0	76.4



#25
2-Butanone
Concen: 50.74 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion:	43	Resp:	20587
Ion	Ratio	Lower	Upper
43	100		
72	36.2	28.6	43.0





#29

Tetrahydrofuran

Concen: 2.16 ug/l

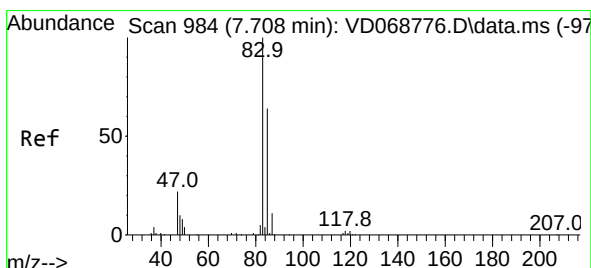
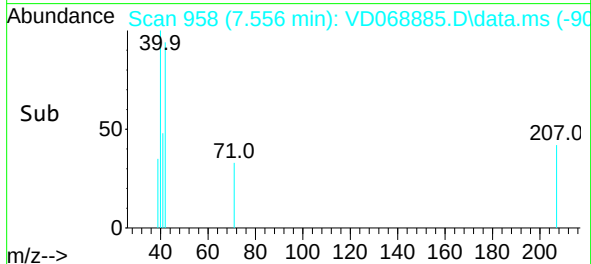
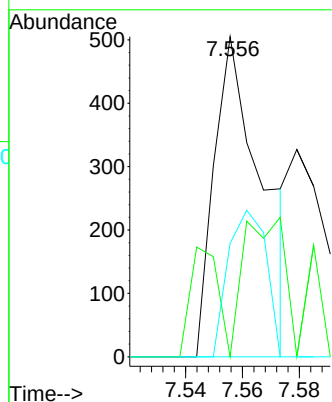
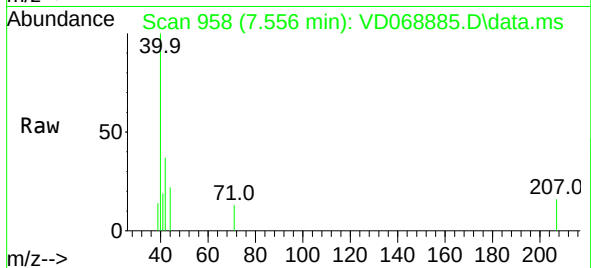
RT: 7.556 min Scan# 958

Delta R.T. -0.005 min

Lab File: VD068885.D

Acq: 16 Apr 2021 19:40

Tgt Ion:	42	Resp:	590
Ion	Ratio	Lower	Upper
42	100		
72	47.6	45.2	67.8
71	36.3	40.8	61.2#



#30

Chloroform

Concen: 3.47 ug/l

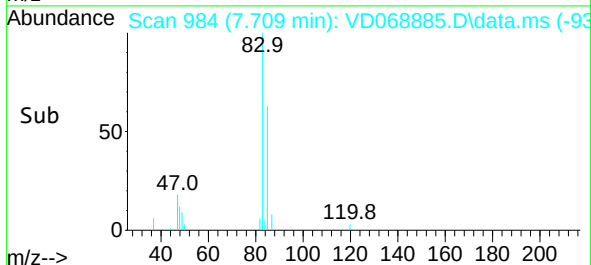
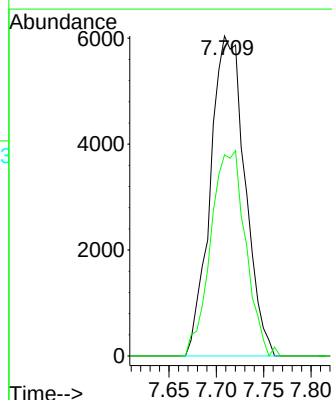
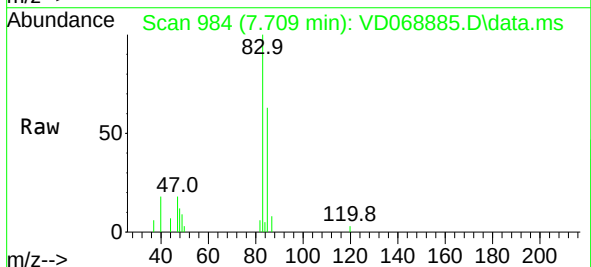
RT: 7.709 min Scan# 984

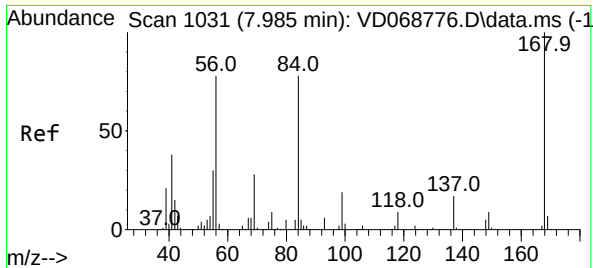
Delta R.T. 0.001 min

Lab File: VD068885.D

Acq: 16 Apr 2021 19:40

Tgt Ion:	83	Resp:	15342
Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.3	79.9

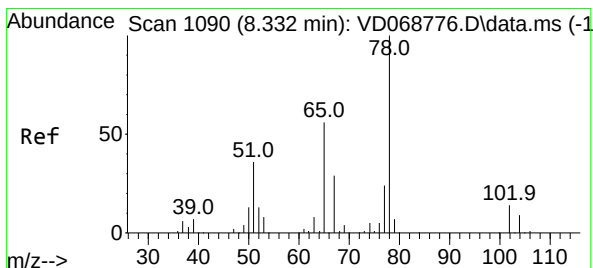
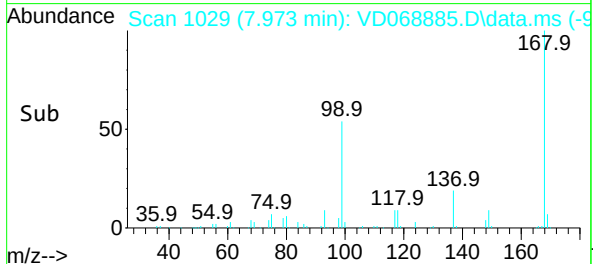
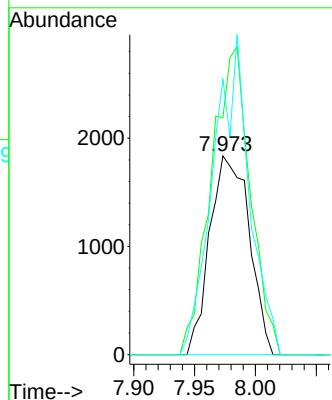
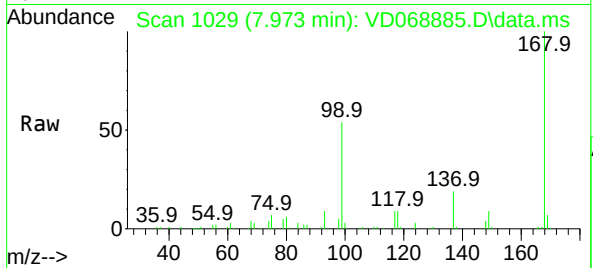




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

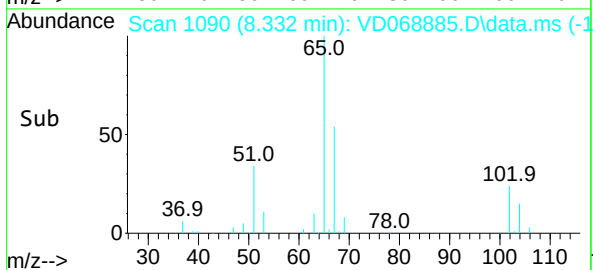
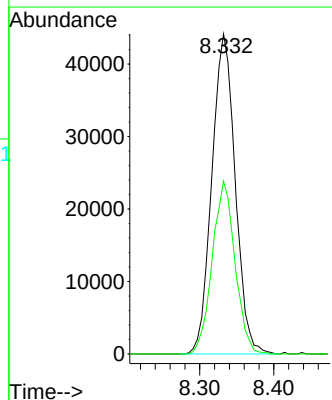
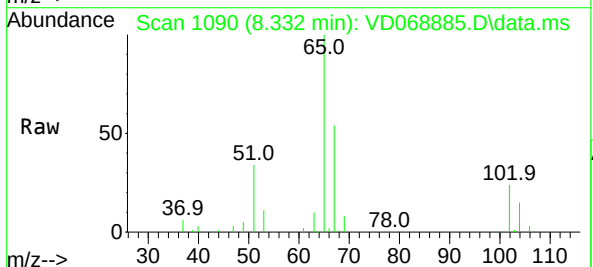
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

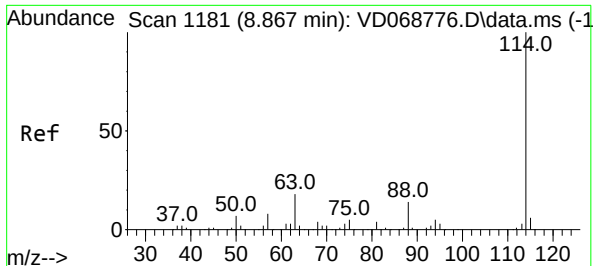
Tgt Ion: 56 Resp: 4138
Ion Ratio Lower Upper
56 100
69 119.3 30.0 45.0#
84 138.5 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 46.71 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 65 Resp: 96719
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0

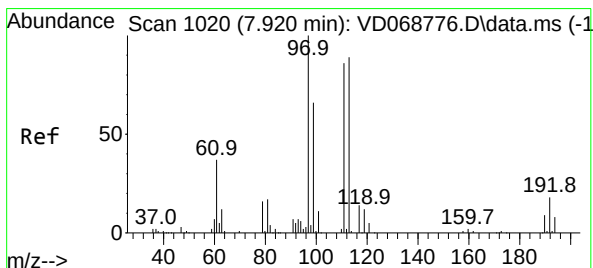
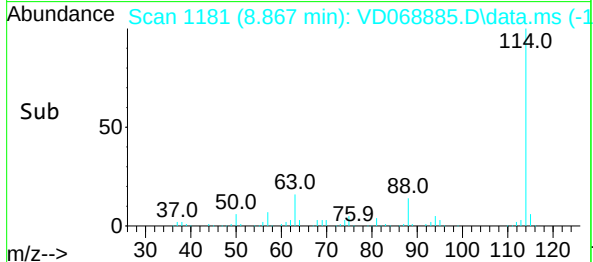
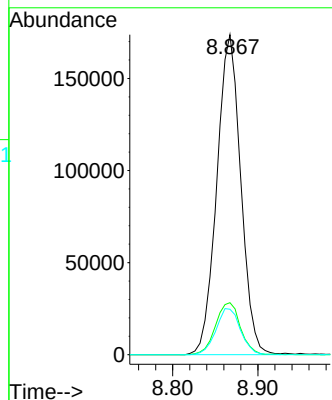
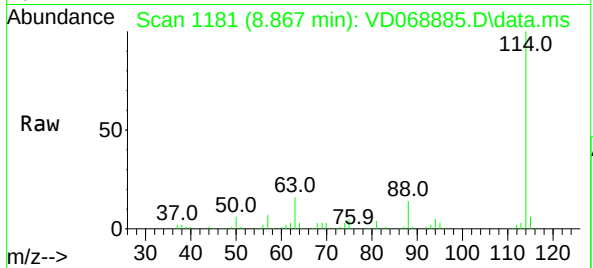




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

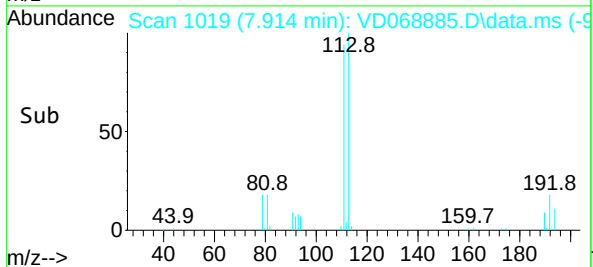
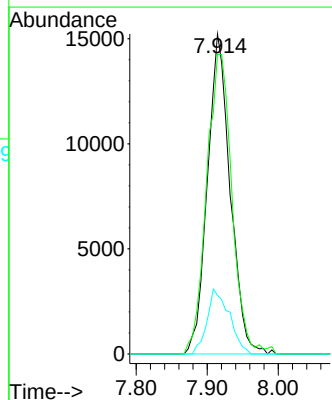
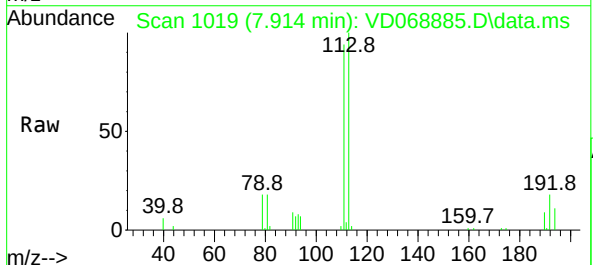
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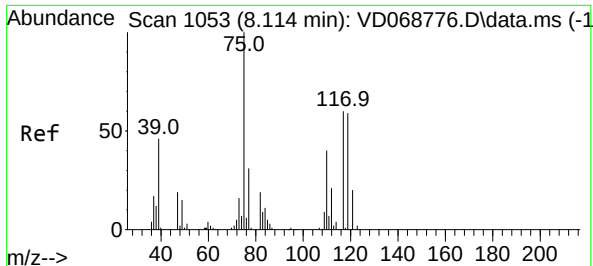
Tgt Ion:114 Resp: 339586
Ion Ratio Lower Upper
114 100
63 16.2 0.0 38.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 15.36 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion:113 Resp: 33929
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 19.8 15.1 22.7

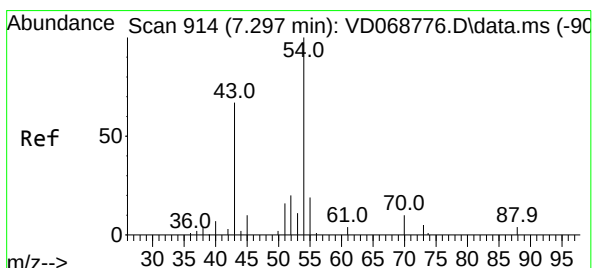
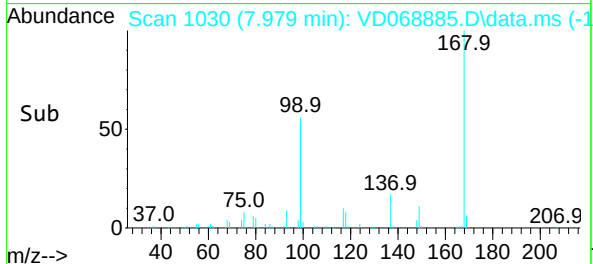
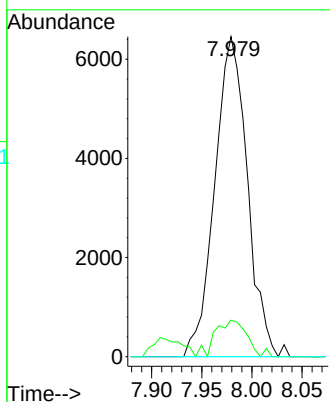
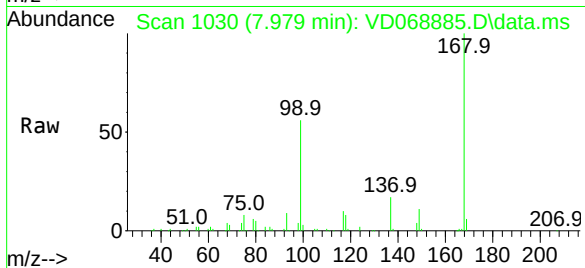




#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

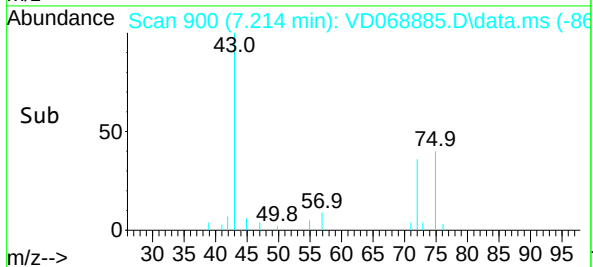
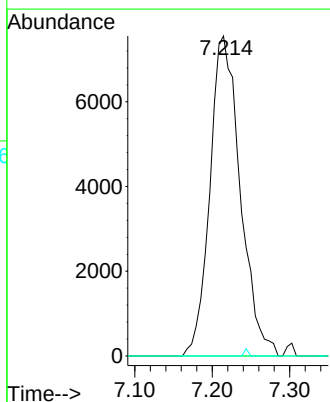
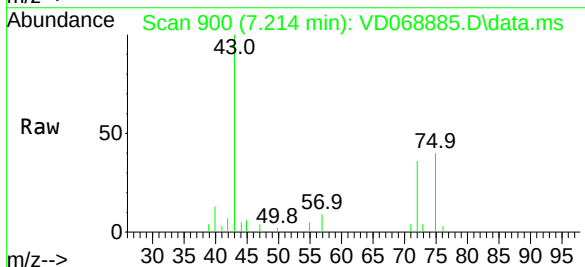
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

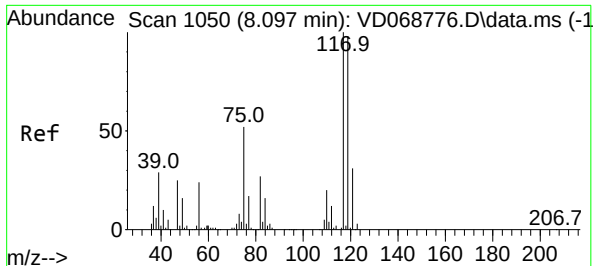
Tgt Ion: 75 Resp: 14528
Ion Ratio Lower Upper
75 100
110 11.3 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 20.39 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.083 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

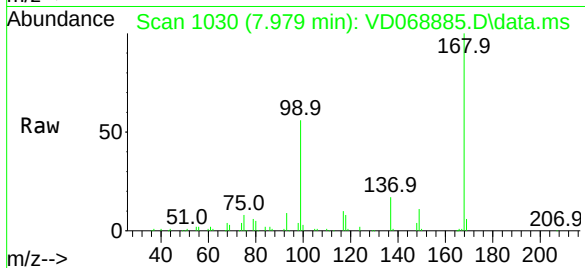
Tgt Ion: 43 Resp: 20587
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#



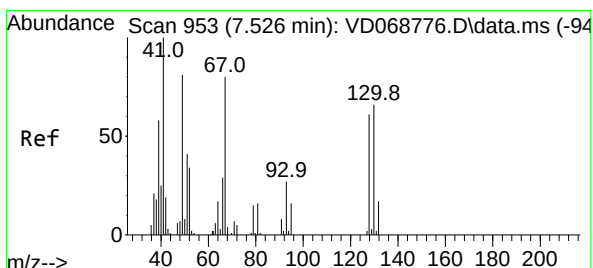
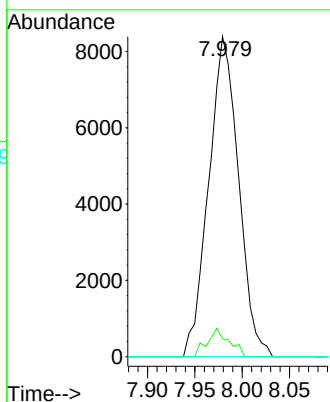
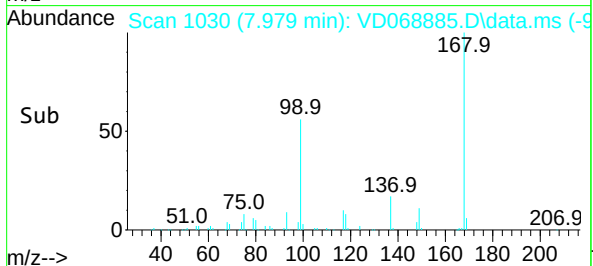


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

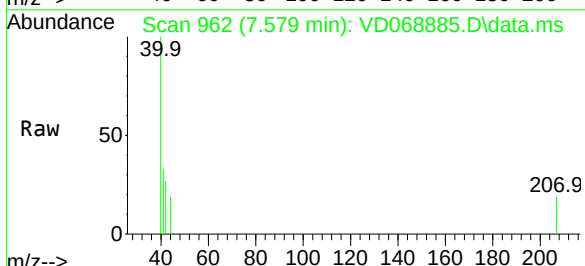
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B



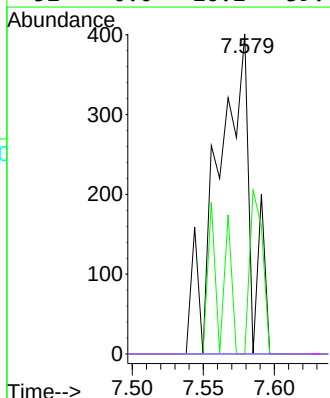
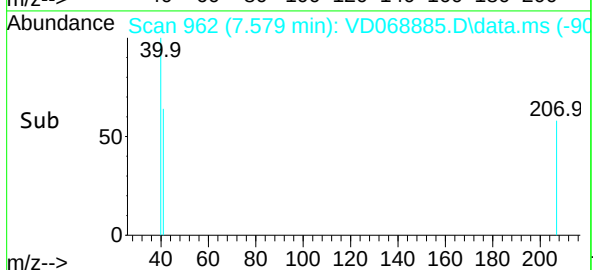
Tgt Ion: 117 Resp: 18419
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 26.1 39.1#

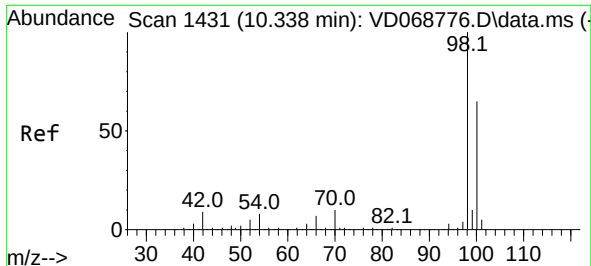


#41
Methacrylonitrile
Concen: 1.08 ug/l
RT: 7.579 min Scan# 962
Delta R.T. 0.053 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40



Tgt Ion: 41 Resp: 647
Ion Ratio Lower Upper
41 100
39 19.9 43.2 64.8#
67 0.0 63.9 95.9#
52 0.0 26.2 39.4#

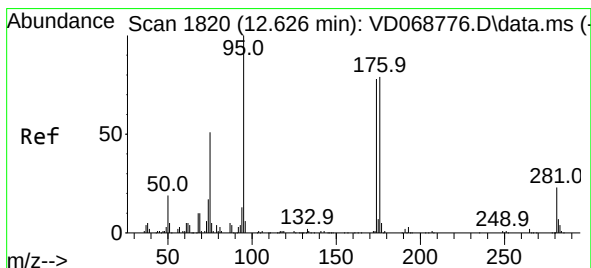
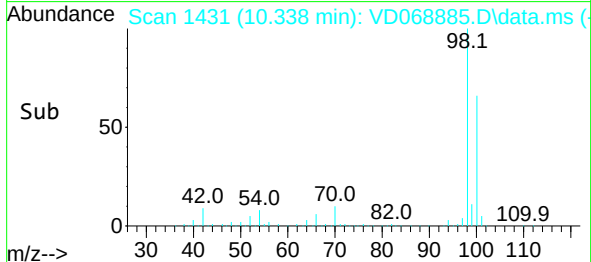
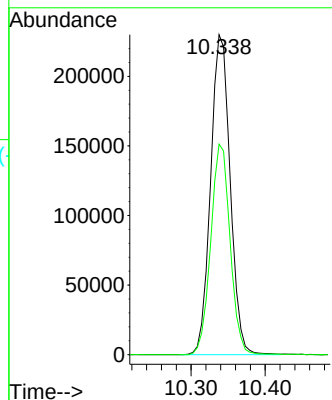
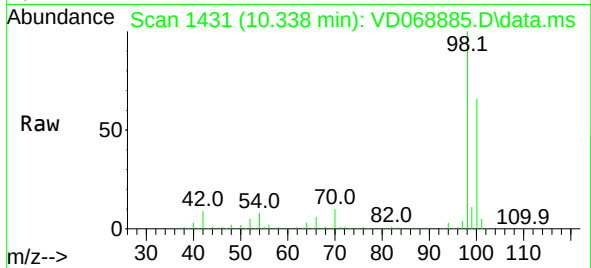




#50
Toluene-d8
Concen: 50.55 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

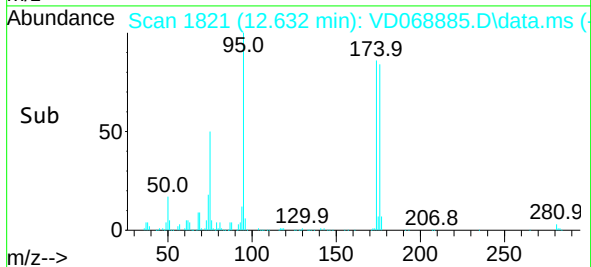
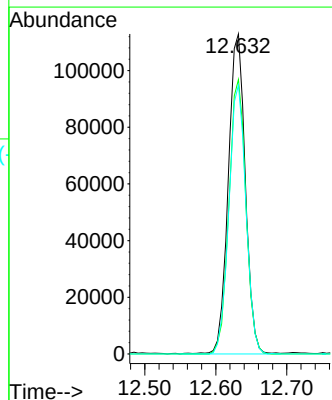
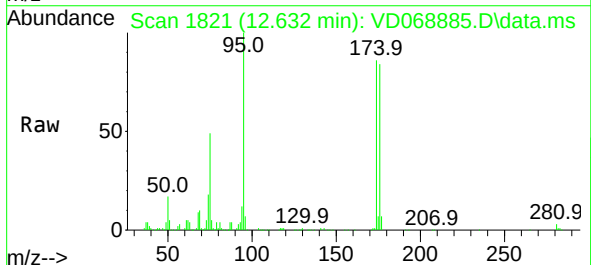
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

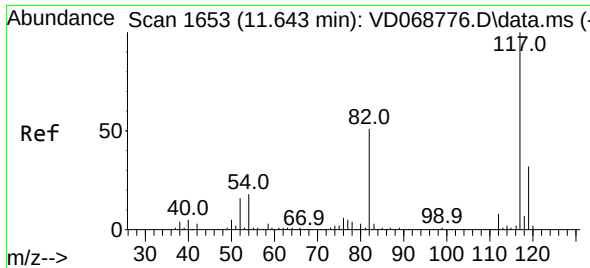
Tgt Ion: 98 Resp: 421192
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.94 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 95 Resp: 188005
Ion Ratio Lower Upper
95 100
174 85.1 0.0 168.0
176 83.7 0.0 160.2

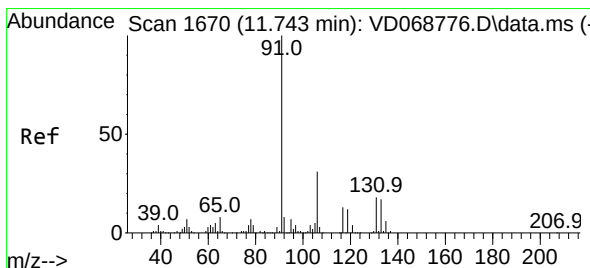
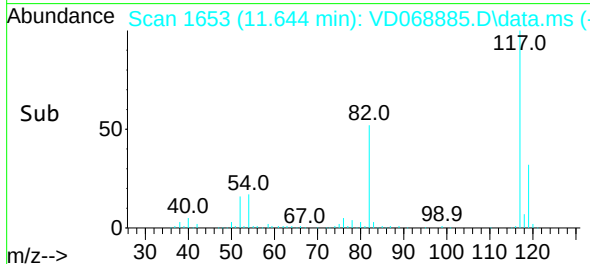
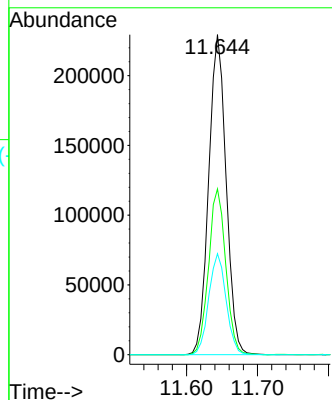
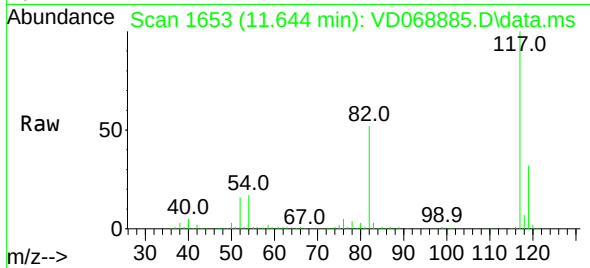




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

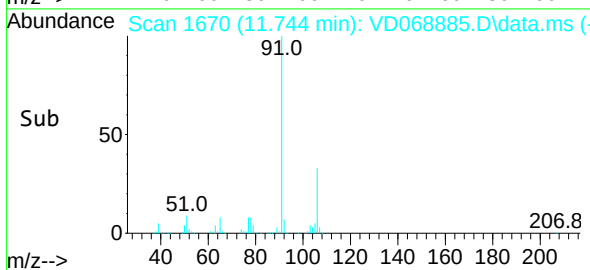
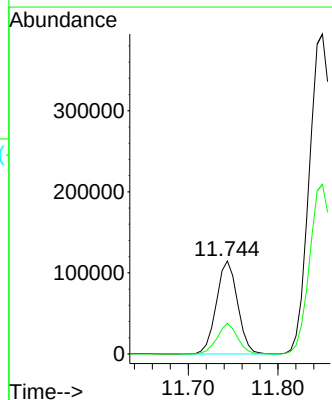
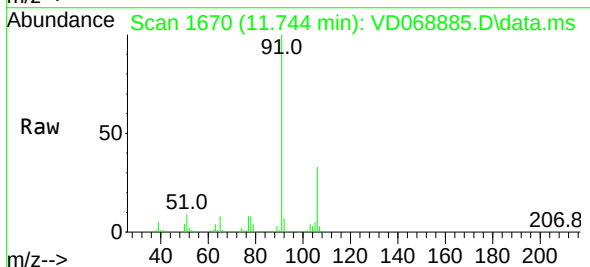
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

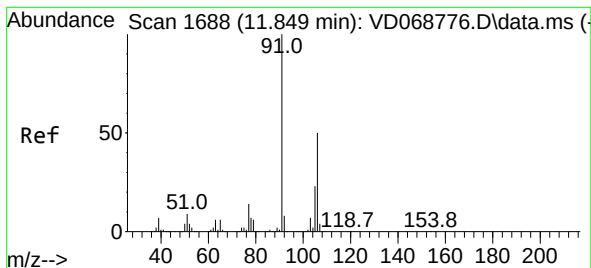
Tgt Ion:117 Resp: 390472
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 31.6 26.7 40.1



#67
Ethyl Benzene
Concen: 12.88 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 91 Resp: 188573
Ion Ratio Lower Upper
91 100
106 33.0 25.1 37.7

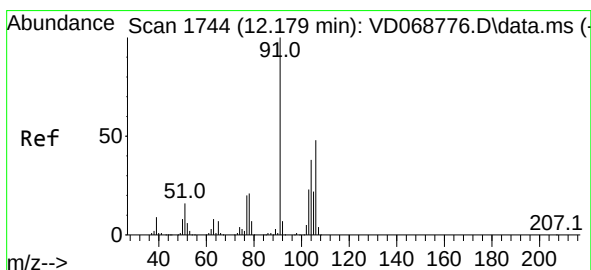
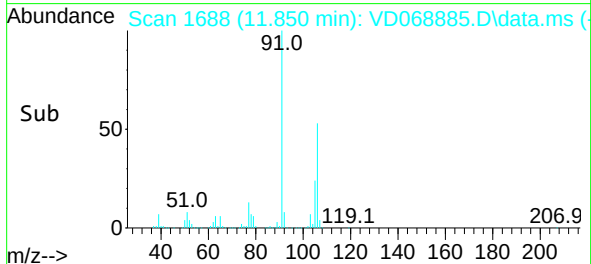
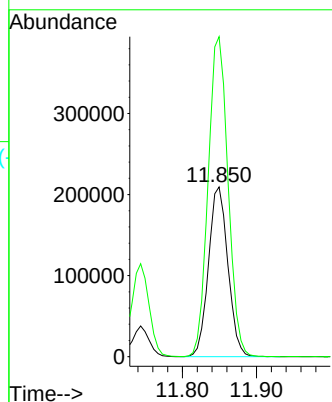
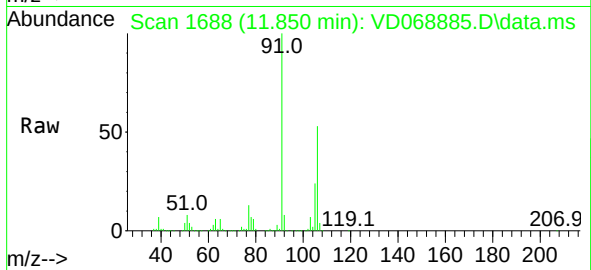




#68
m/p-Xylenes
Concen: 67.35 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

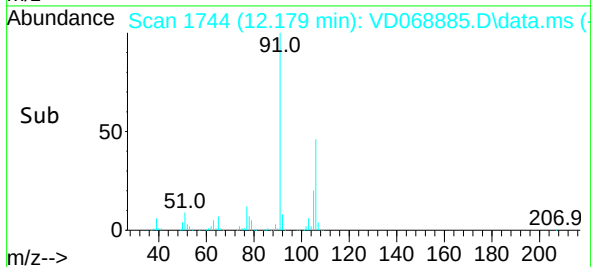
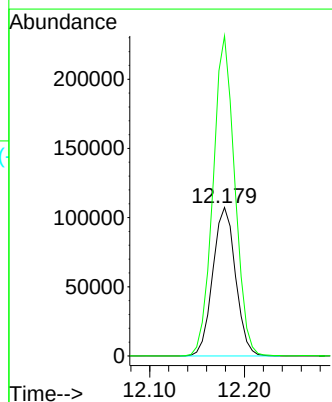
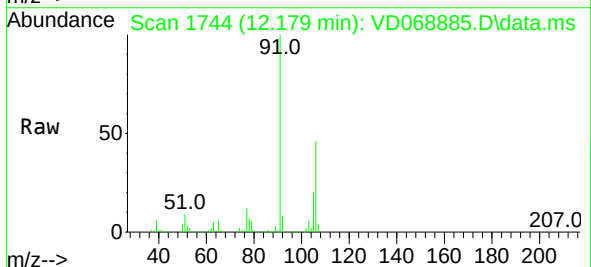
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

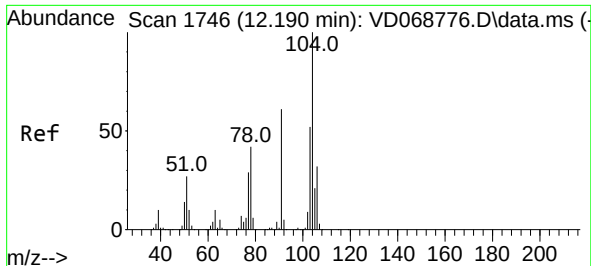
Tgt Ion:106 Resp: 380381
Ion Ratio Lower Upper
106 100
91 193.2 158.6 238.0



#69
o-Xylene
Concen: 34.84 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion:106 Resp: 178928
Ion Ratio Lower Upper
106 100
91 206.5 105.0 315.0

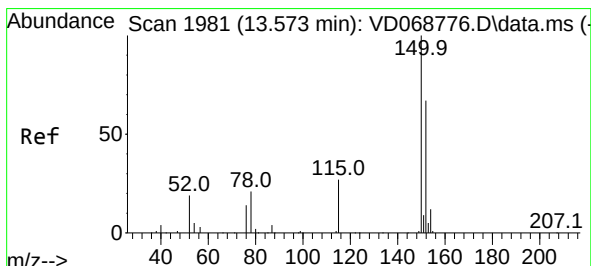
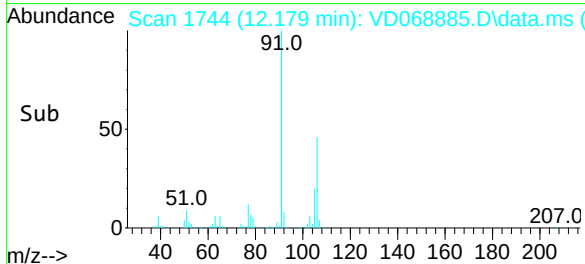
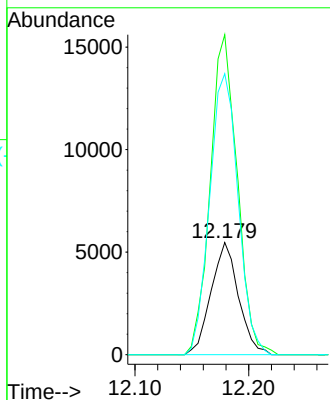
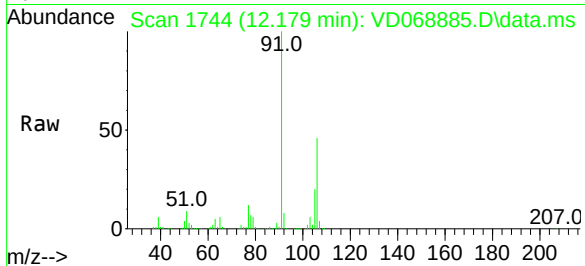




#70
Styrene
Concen: 1.03 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.011 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

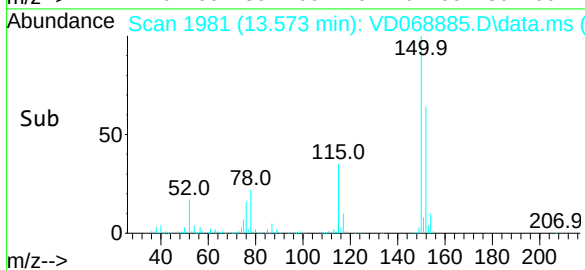
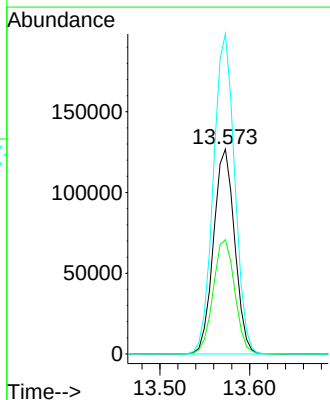
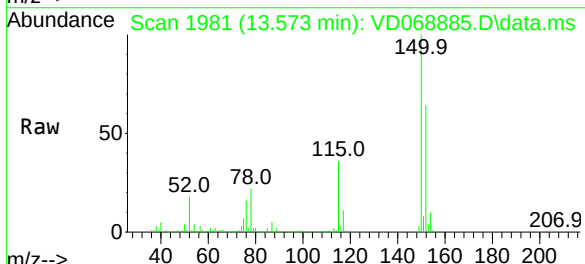
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

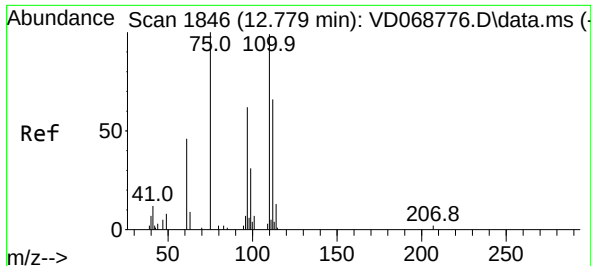
Tgt Ion:104 Resp: 9223
Ion Ratio Lower Upper
104 100
78 279.2 36.9 55.3#
103 258.7 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion:152 Resp: 207928
Ion Ratio Lower Upper
152 100
115 56.9 29.3 87.8
150 157.2 0.0 347.6

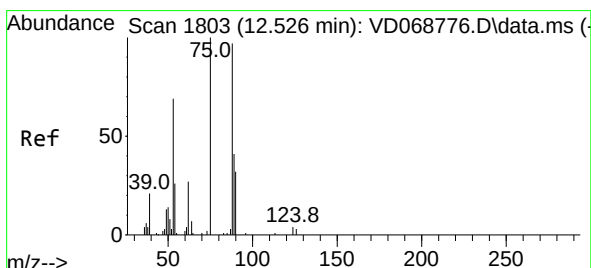
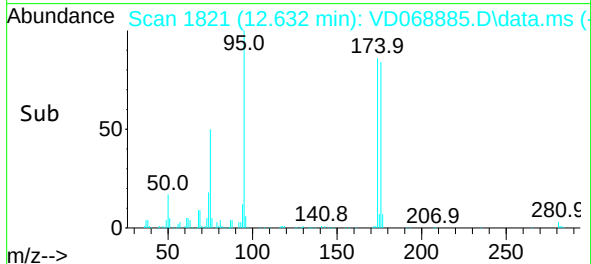
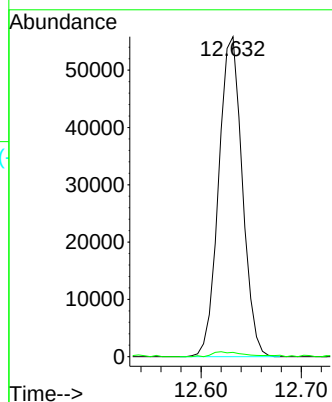
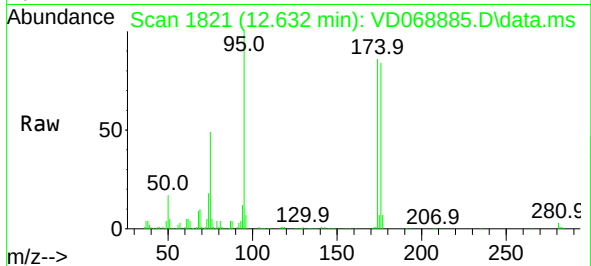




#76
1,2,3-Trichloropropane
Concen: 48.02 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

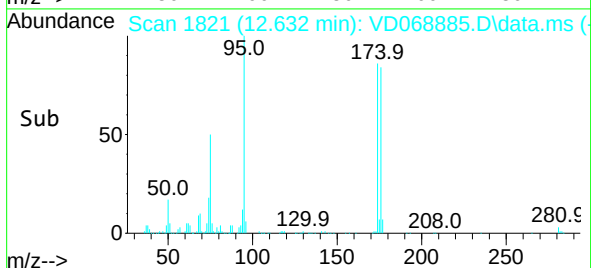
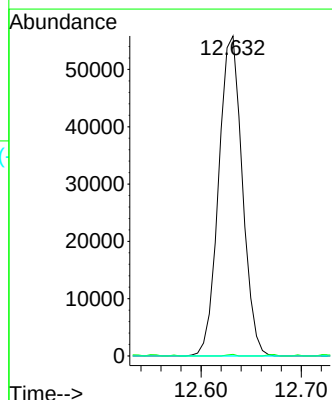
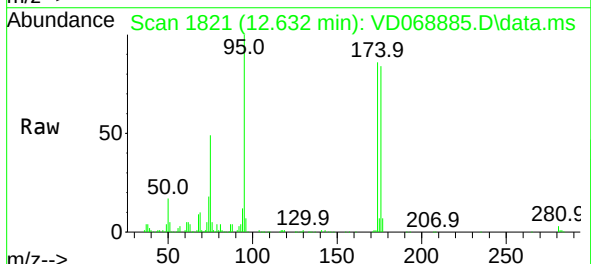
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

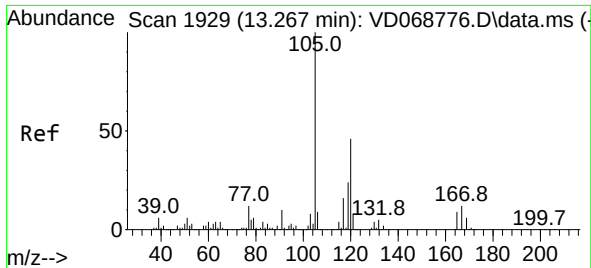
Tgt Ion: 75 Resp: 91213
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion: 75 Resp: 91213
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 36.6 54.8#

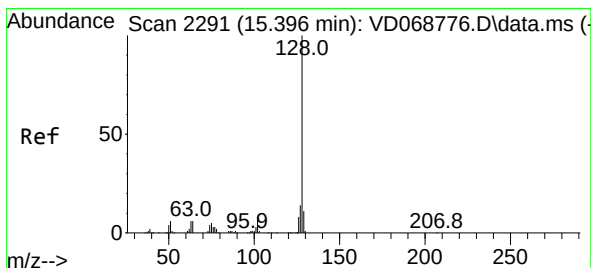
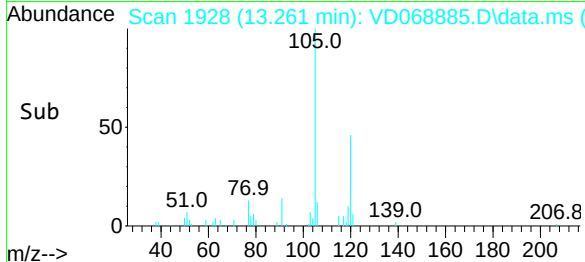
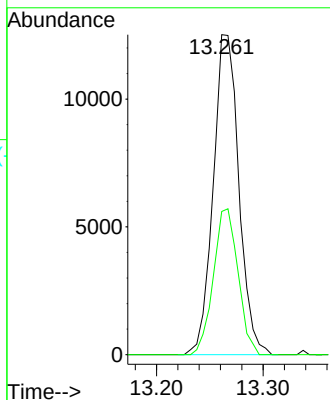
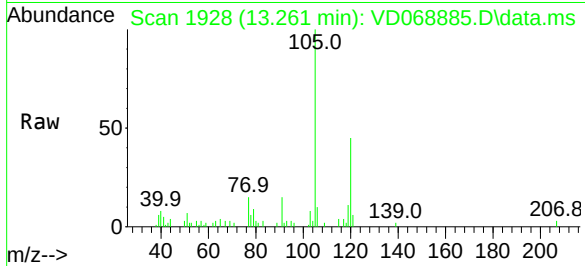




#84
1,2,4-Trimethylbenzene
Concen: 1.63 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-B

Tgt Ion:105 Resp: 20912
Ion Ratio Lower Upper
105 100
120 43.8 22.6 67.7



#95
Naphthalene
Concen: 3.18 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068885.D
Acq: 16 Apr 2021 19:40

Tgt Ion:128 Resp: 21478
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.7 8.9 13.3

