

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068880.D
 Acq On : 16 Apr 2021 17:19
 Operator : VA/SY
 Sample : M2042-06RE
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(61-62)RE

Quant Time: Apr 16 23:51:17 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)

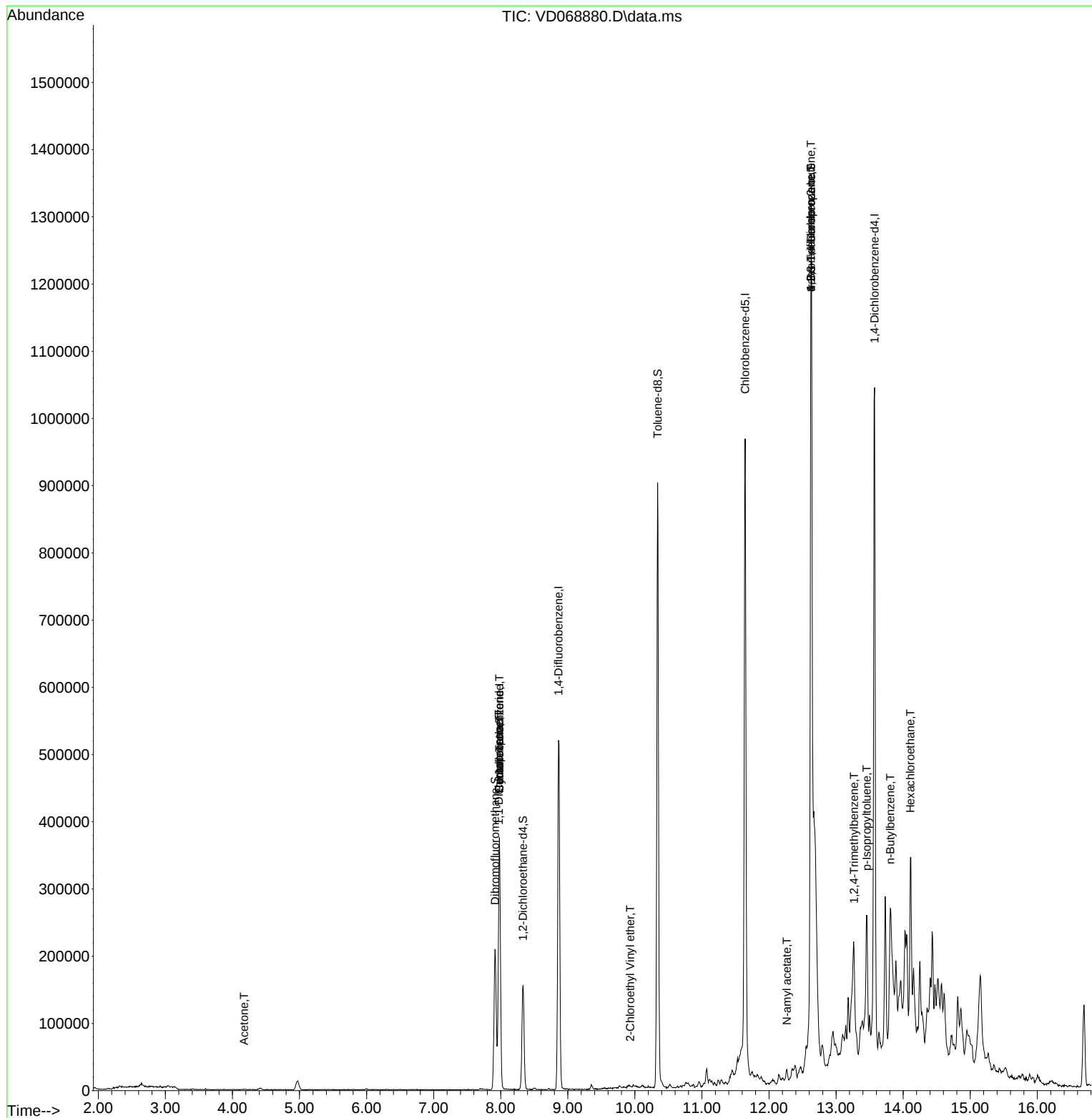
Internal Standards						
1) Pentafluorobenzene	7.979	168	282678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	489457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	557147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126859	42.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.92%
35) Dibromofluoromethane	7.914	113	150024	47.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.24%
50) Toluene-d8	10.338	98	627213	52.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.44%
62) 4-Bromofluorobenzene	12.626	95	266076	66.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.42%
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	1292	3.12	ug/l #	40
20) Methylene Chloride	4.973	84	11843	Below	Cal	91
31) Cyclohexane	7.979	56	5341	1.07	ug/l #	32
36) 1,1-Dichloropropene	7.973	75	19432	3.92	ug/l #	51
38) Carbon Tetrachloride	7.979	117	28292	5.77	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.932	63	59	17.03	ug/l #	1
74) N-amyl acetate	12.267	43	3972	1.11	ug/l #	82
76) 1,2,3-Trichloropropane	12.626	75	140278	52.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	140278	122.92	ug/l #	18
84) 1,2,4-Trimethylbenzene	13.267	105	63077	3.53	ug/l	100
86) p-Isopropyltoluene	13.455	119	78522	4.06	ug/l	96
89) n-Butylbenzene	13.808	91	36326	1.99	ug/l #	15
90) Hexachloroethane	14.108	117	18715	4.85	ug/l #	14

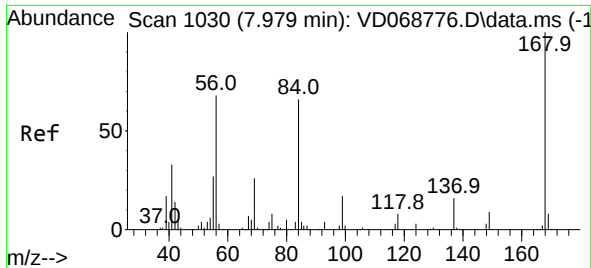
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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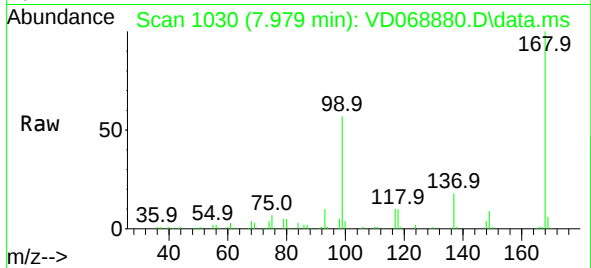
Quant Time: Apr 16 23:51:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
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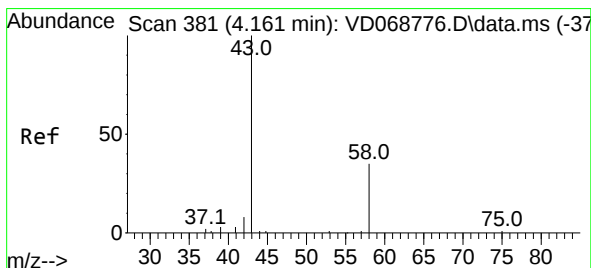
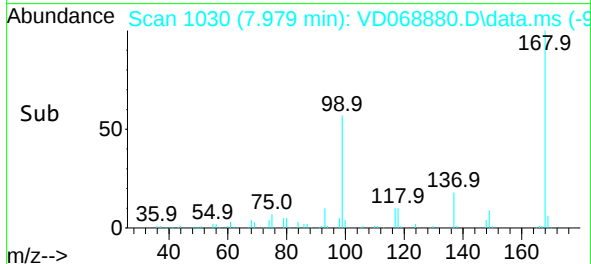
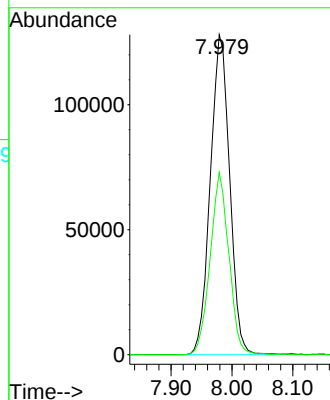


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)RE

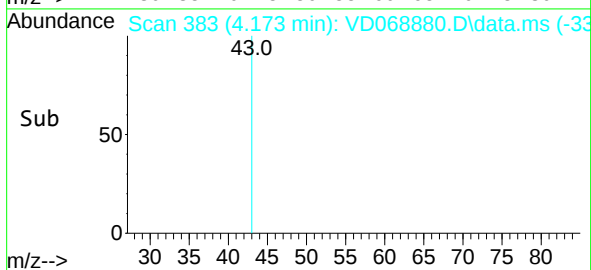
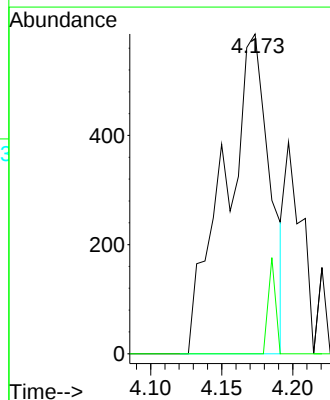
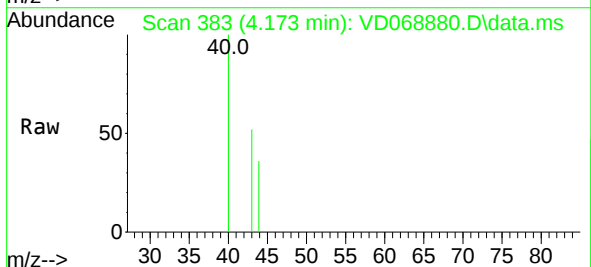


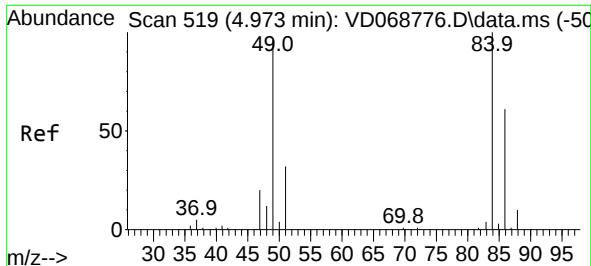
Tgt Ion:168 Resp: 282678
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2



#16
Acetone
Concen: 3.12 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

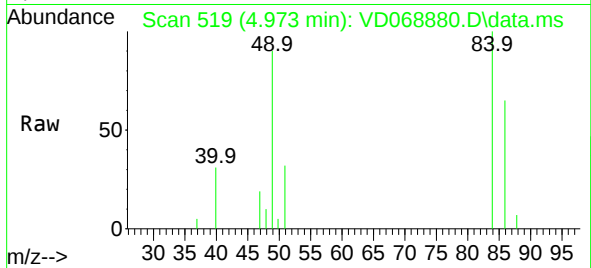
Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



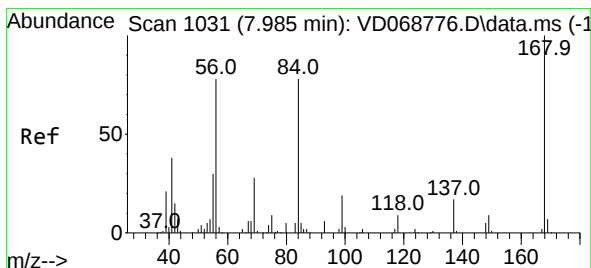
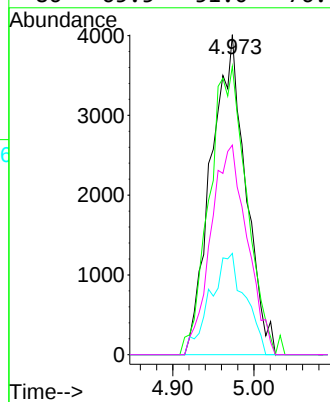
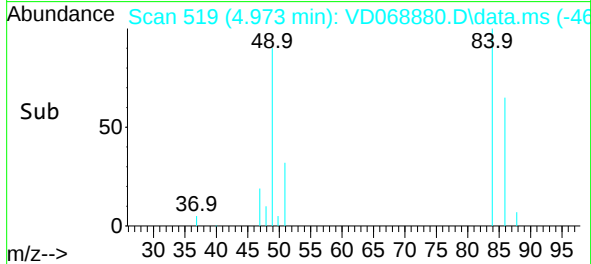


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

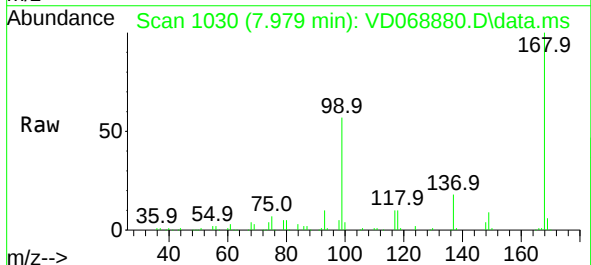
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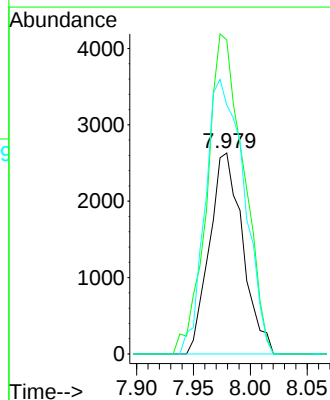
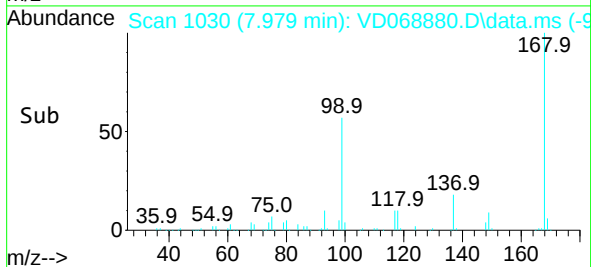
Tgt Ion:	84	Resp:	11843
Ion	Ratio	Lower	Upper
84	100		
49	90.1	83.4	125.0
51	31.6	23.4	35.2
86	65.5	51.0	76.4

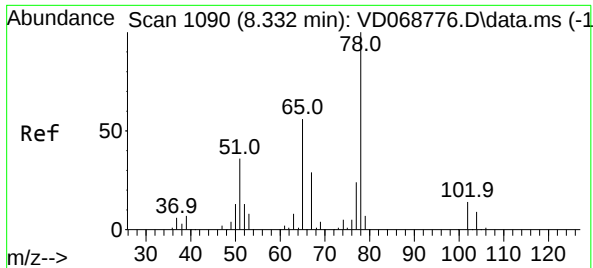


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19



Tgt Ion:	56	Resp:	5341
Ion	Ratio	Lower	Upper
56	100		
69	156.3	30.0	45.0#
84	123.8	82.0	123.0#

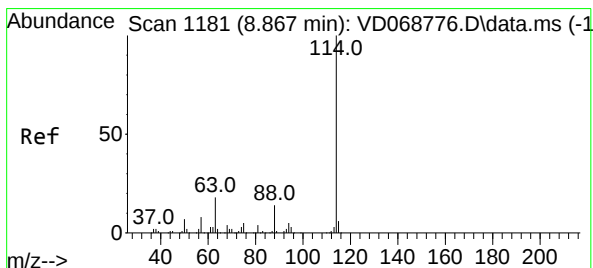
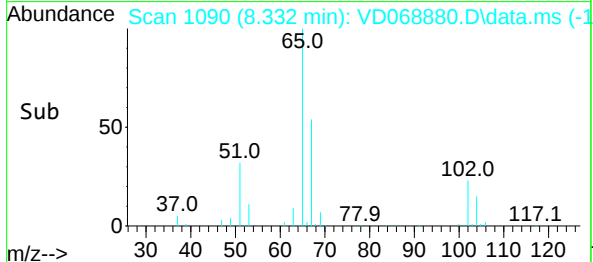
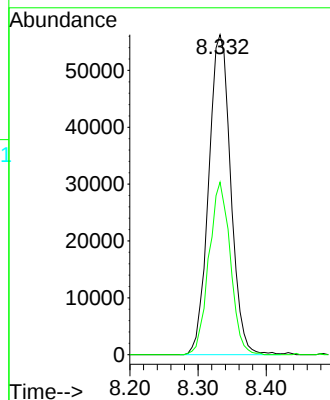
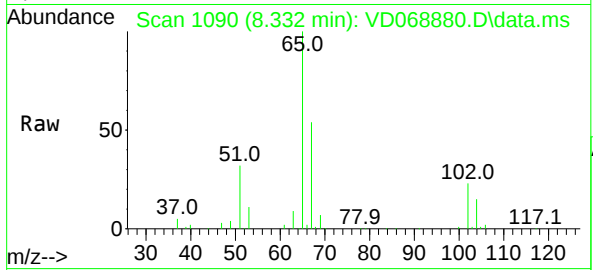




#33
1,2-Dichloroethane-d4
Concen: 42.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

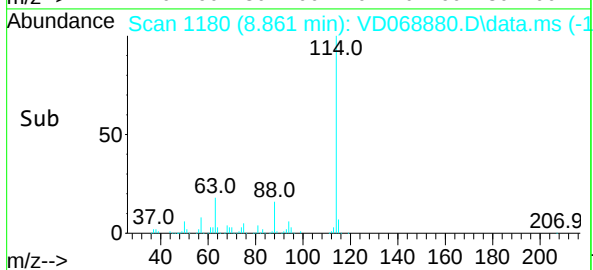
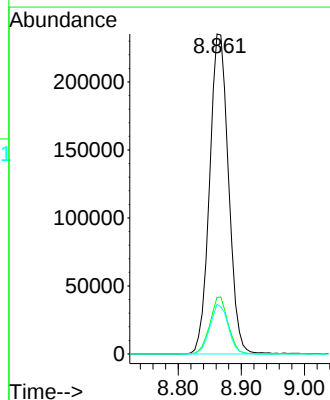
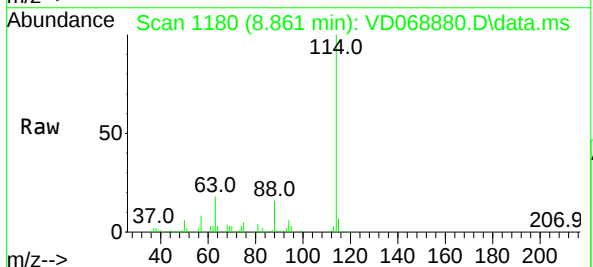
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)RE

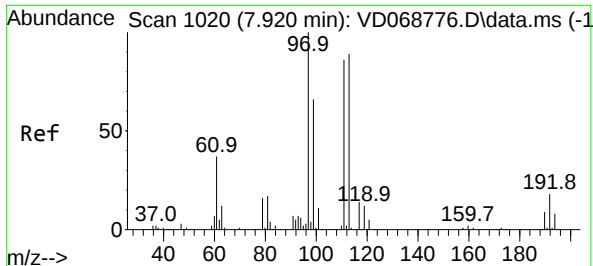
Tgt Ion: 65 Resp: 126859
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion: 114 Resp: 489457
Ion Ratio Lower Upper
114 100
63 17.6 0.0 38.2
88 15.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.12 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068880.D

Acq: 16 Apr 2021 17:19

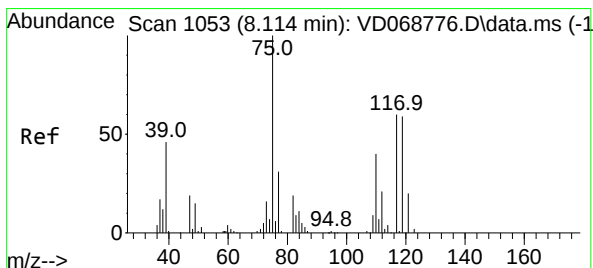
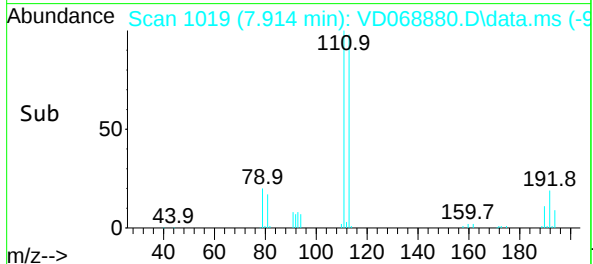
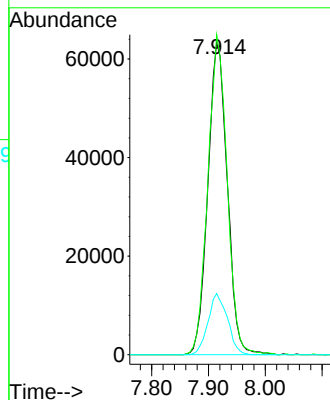
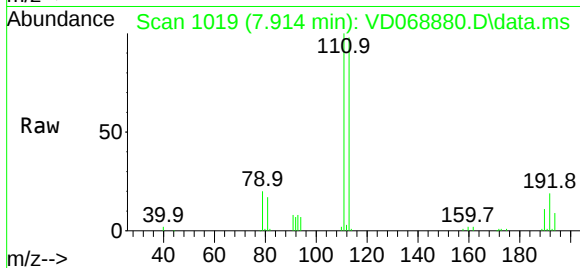
Tgt Ion:113 Resp: 150024

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 19.5 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.92 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD068880.D

Acq: 16 Apr 2021 17:19

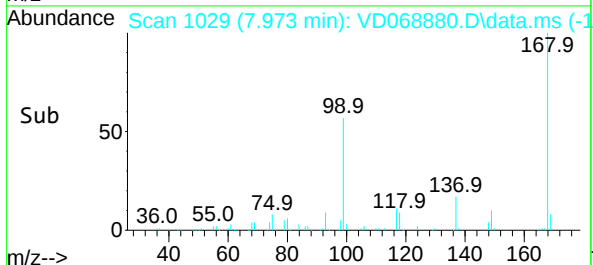
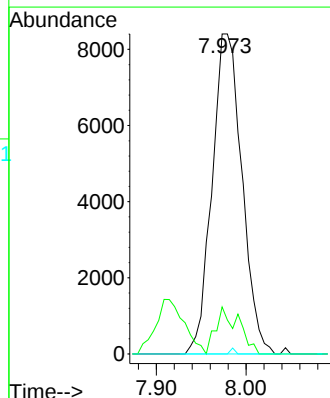
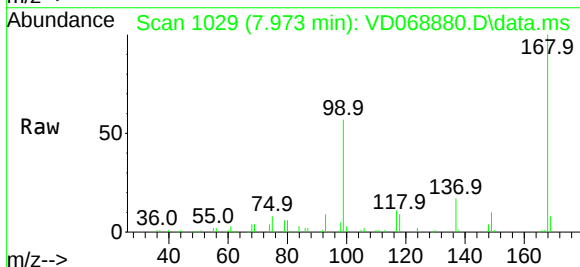
Tgt Ion: 75 Resp: 19432

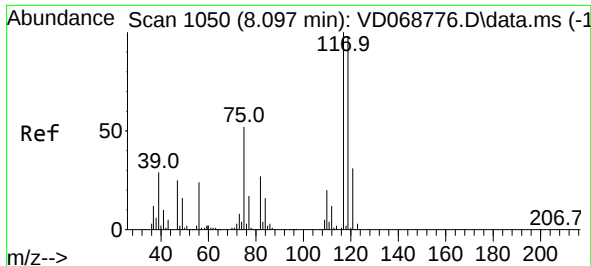
Ion Ratio Lower Upper

75 100

110 11.3 18.1 54.4#

77 0.3 24.7 37.1#

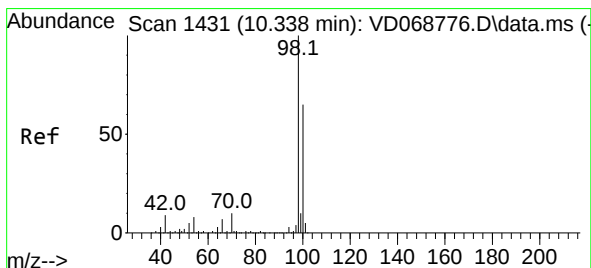
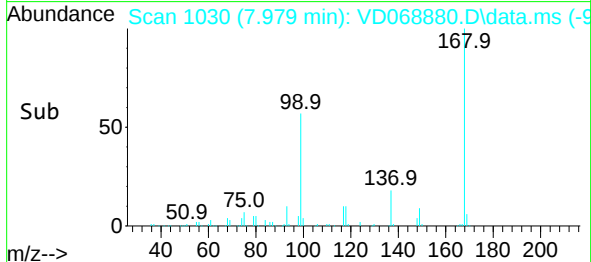
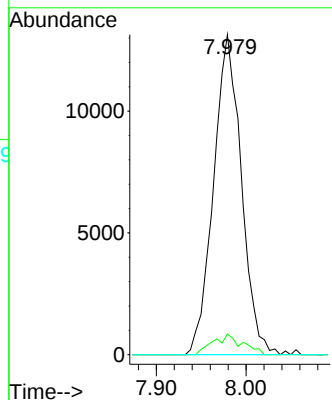
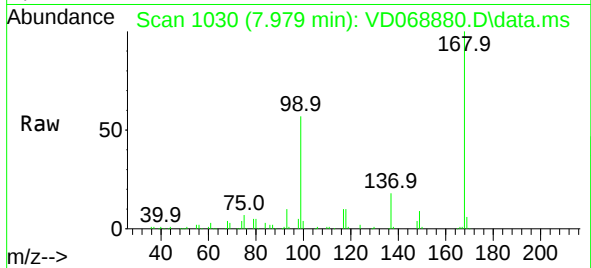




#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

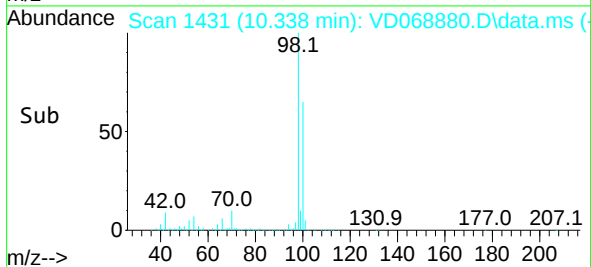
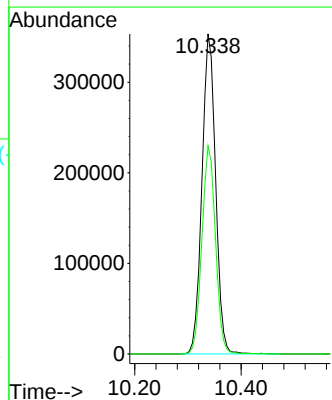
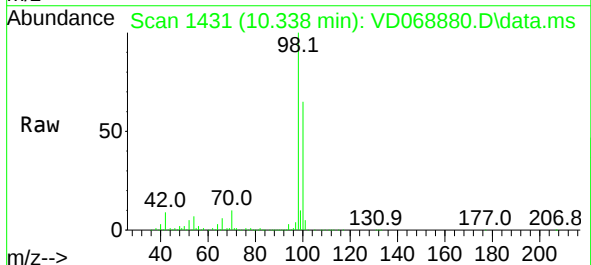
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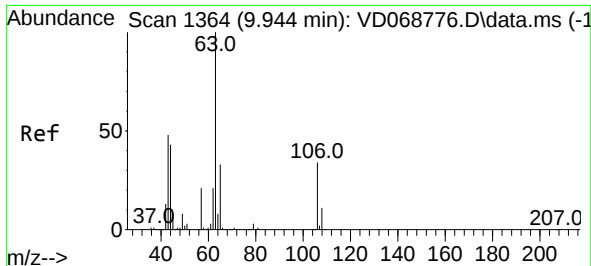
Tgt Ion:117 Resp: 28292
Ion Ratio Lower Upper
117 100
119 6.5 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.22 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

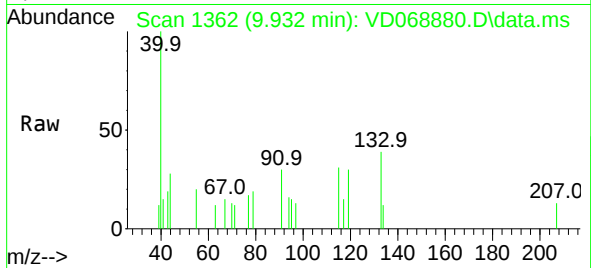
Tgt Ion: 98 Resp: 627213
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



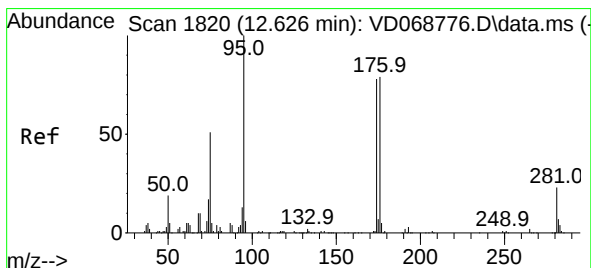
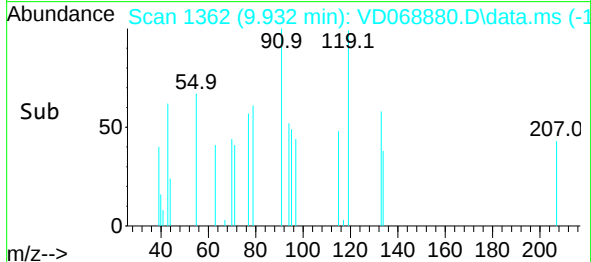
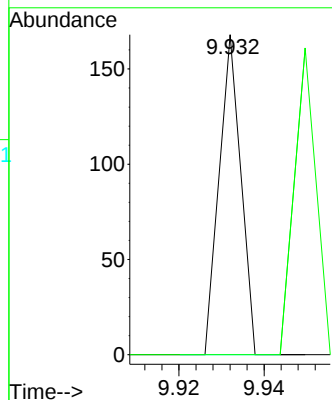


#58
2-Chloroethyl Vinyl ether
Concen: 17.03 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.012 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)RE

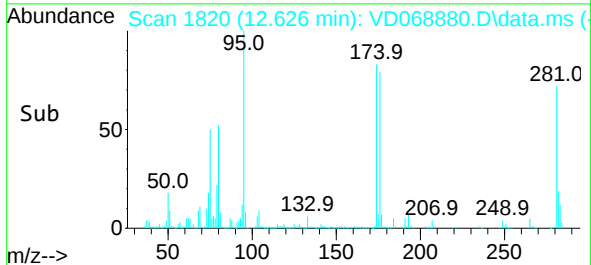
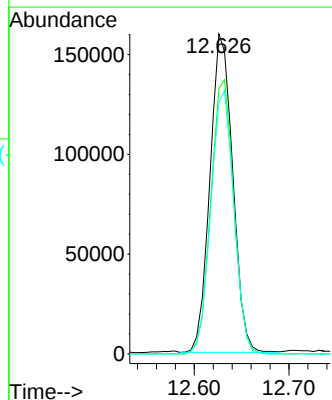
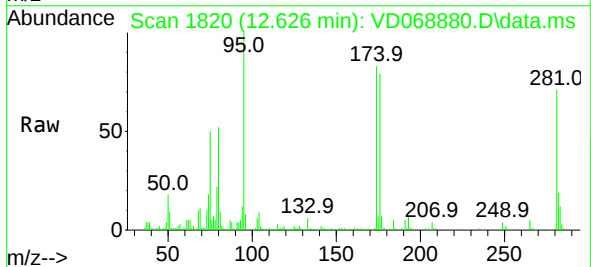


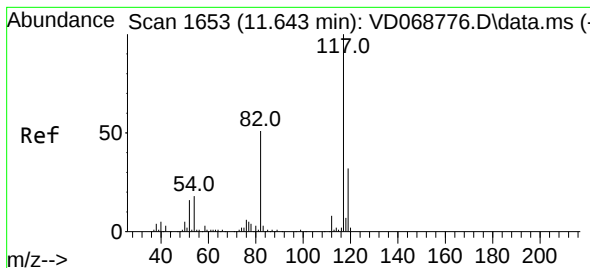
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 96.6 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 66.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion: 95 Resp: 266076
Ion Ratio Lower Upper
95 100
174 86.9 0.0 168.0
176 83.8 0.0 160.2

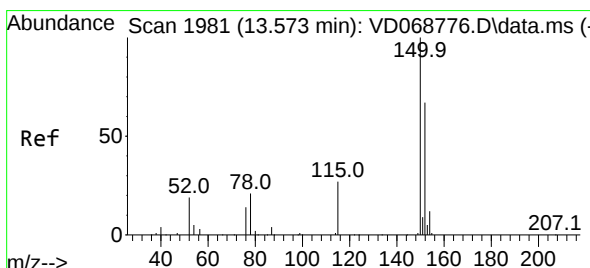
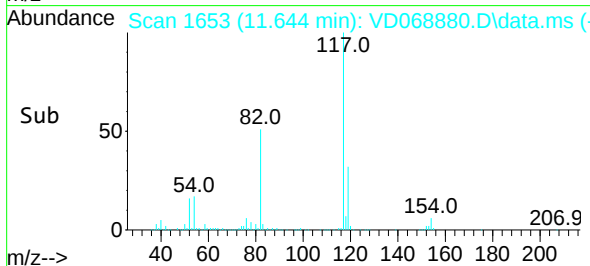
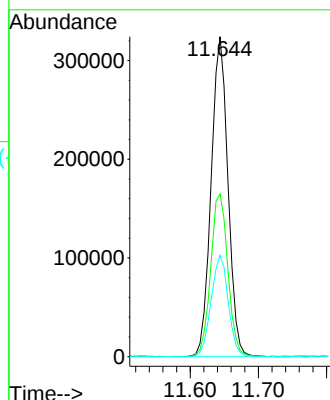
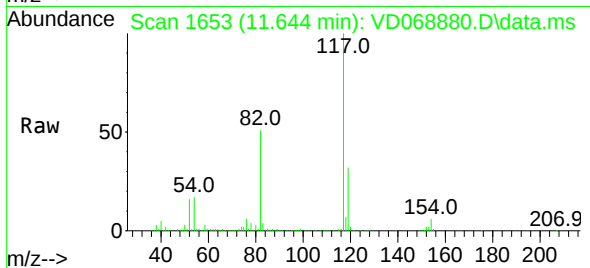




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

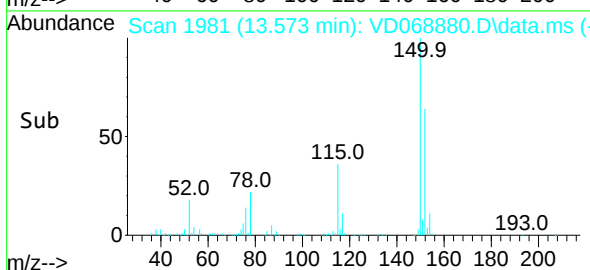
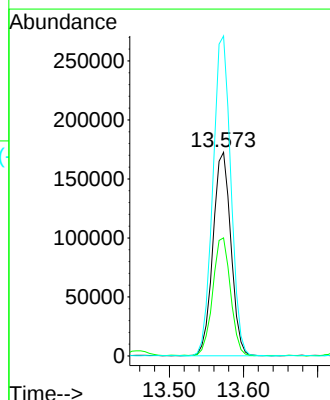
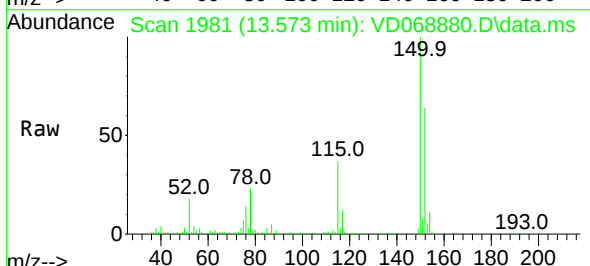
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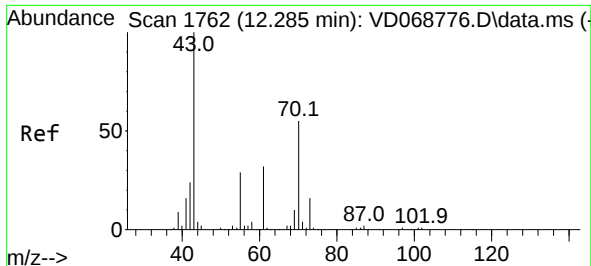
Tgt Ion:117 Resp: 557147
Ion Ratio Lower Upper
117 100
82 50.9 43.5 65.3
119 31.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion:152 Resp: 289900
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 156.9 0.0 347.6

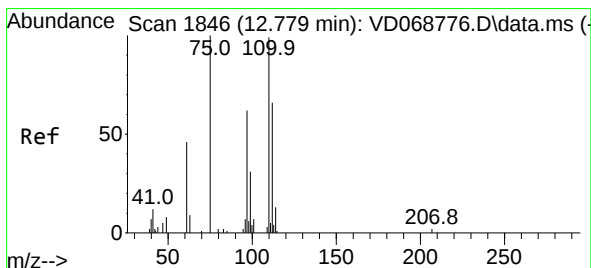
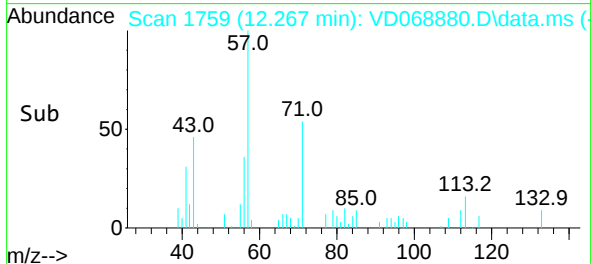
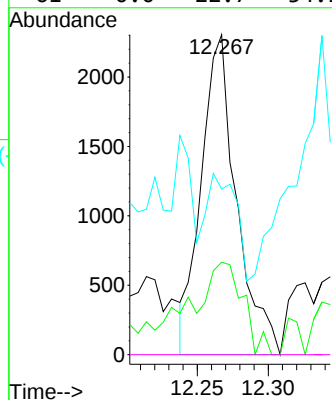
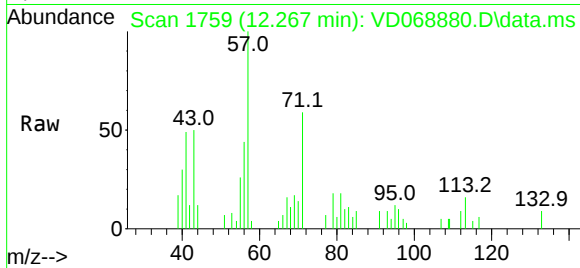




#74
N-amy1 acetate
Concen: 1.11 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

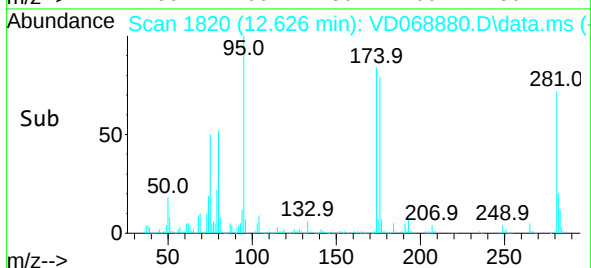
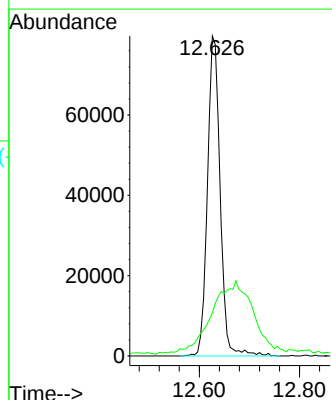
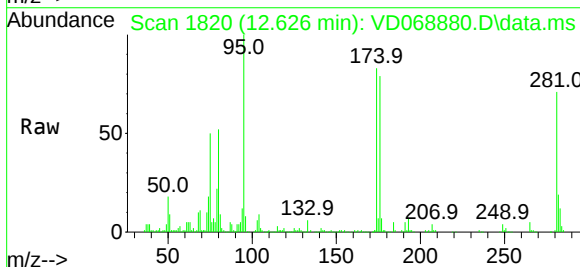
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)RE

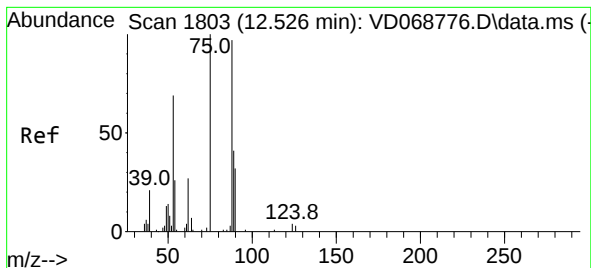
Tgt Ion:	43	Resp:	3972
Ion	Ratio	Lower	Upper
43	100		
70	50.3	41.9	62.9
55	23.9	22.8	34.2
61	0.0	22.7	34.1#



#76
1,2,3-Trichloropropane
Concen: 52.97 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion:	75	Resp:	140278
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

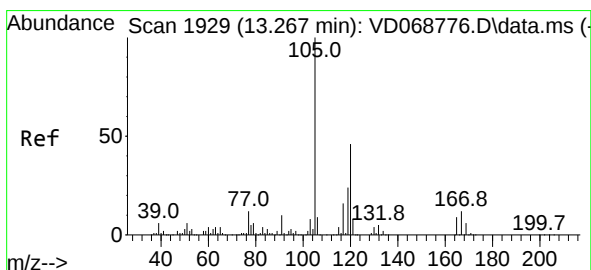
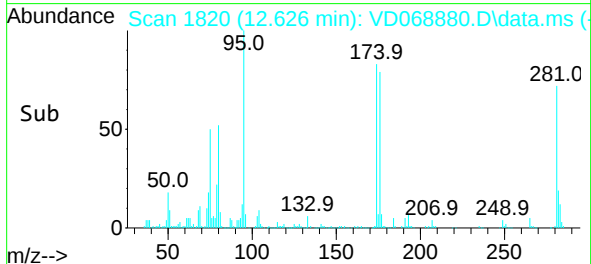
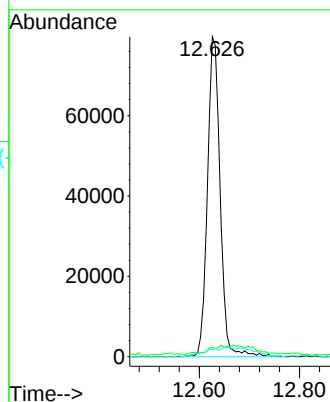
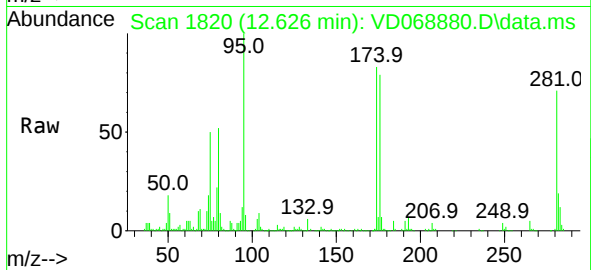




#81
trans-1,4-Dichloro-2-butene
Concen: 122.92 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

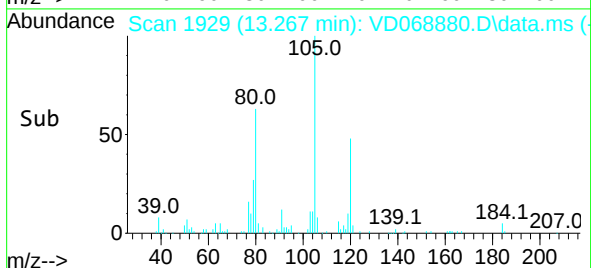
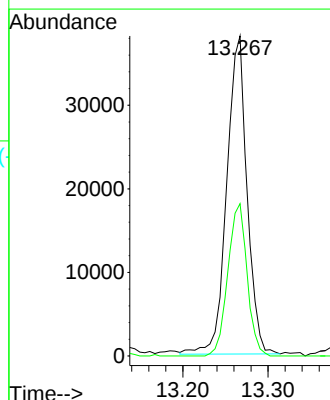
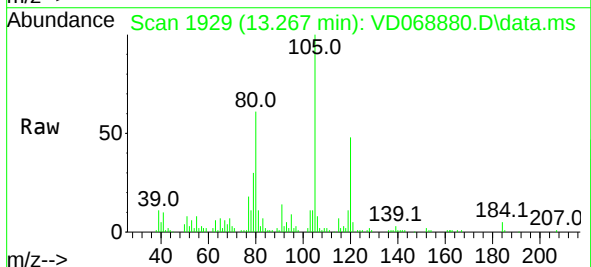
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)RE

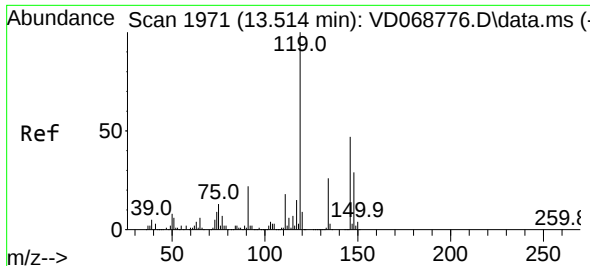
Tgt Ion: 75 Resp: 140278
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 3.4 36.6 54.8#



#84
1,2,4-Trimethylbenzene
Concen: 3.53 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion: 105 Resp: 63077
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.7

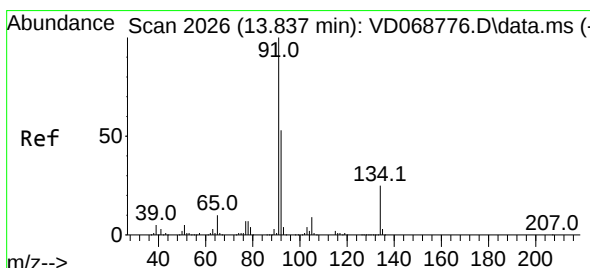
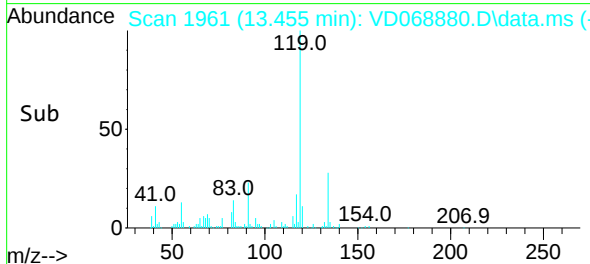
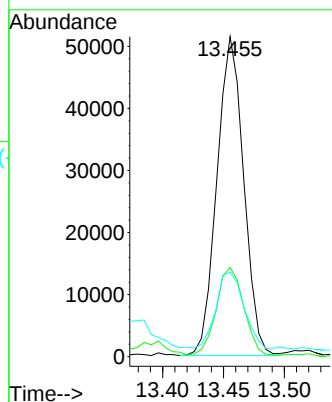
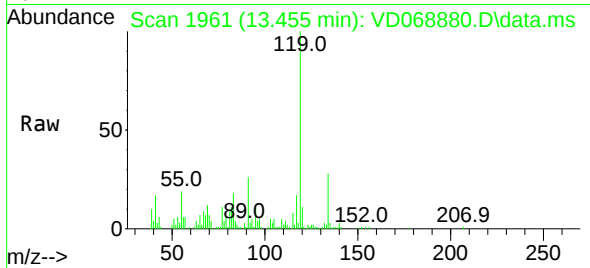




#86
p-Isopropyltoluene
Concen: 4.06 ug/l
RT: 13.455 min Scan# 1961
Delta R.T. -0.059 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

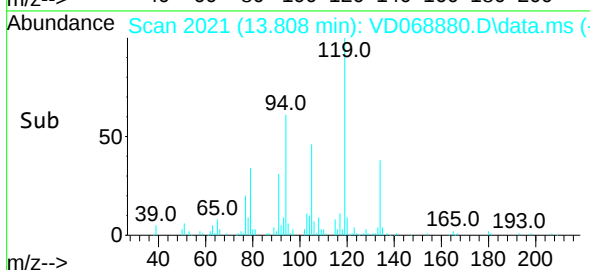
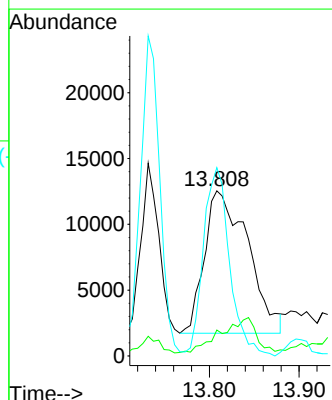
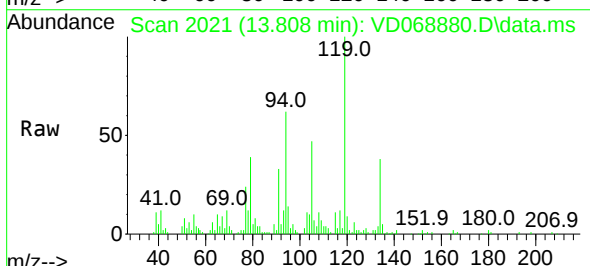
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)RE

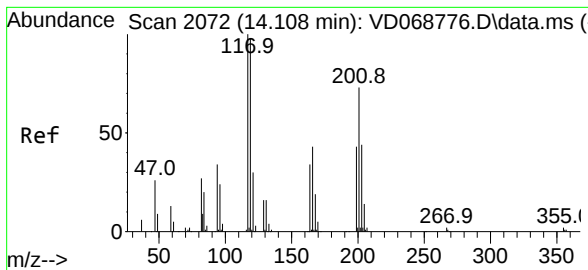
Tgt Ion:	119	Resp:	78522
Ion Ratio	Lower	Upper	
119	100		
134	28.3	13.3	39.9
91	24.8	11.1	33.1



#89
n-Butylbenzene
Concen: 1.99 ug/l
RT: 13.808 min Scan# 2021
Delta R.T. -0.029 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion:	91	Resp:	36326
Ion Ratio	Lower	Upper	
91	100		
92	0.0	26.7	80.1#
134	79.8	12.9	38.6#





#90
 Hexachloroethane
 Concen: 4.85 ug/l
 RT: 14.108 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: VD068880.D
 Acq: 16 Apr 2021 17:19

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(61-62)RE

Tgt Ion:117 Resp: 18715
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.4 106.2#

