

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071551.D
 Acq On : 30 Dec 2021 16:10
 Operator : VA/SY
 Sample : M5254-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 361

Quant Time: Dec 31 06:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

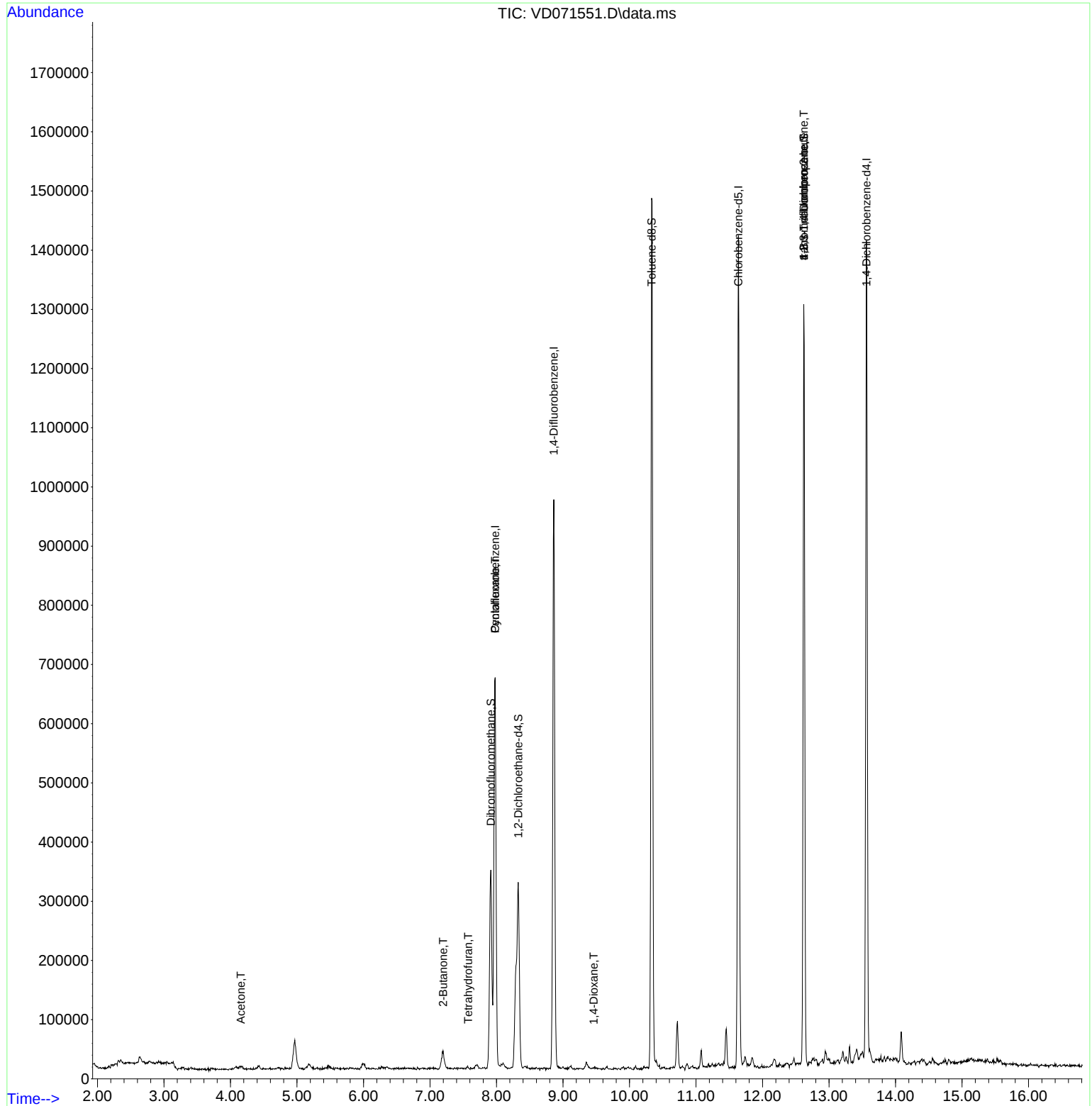
Internal Standards						
1) Pentafluorobenzene	7.979	168	461602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	773097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	733608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234138	38.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.380%
35) Dibromofluoromethane	7.914	113	232479	44.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.480%
50) Toluene-d8	10.332	98	967679	49.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.620	95	352355	50.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.000%
Target Compounds						
11) Tert butyl alcohol	5.179	59	7801	Below Cal	#	75
16) Acetone	4.156	43	9788	6.356	ug/l	89
20) Methylene Chloride	4.962	84	32296	Below Cal		97
25) 2-Butanone	7.197	43	2399	1.304	ug/l	# 45
29) Tetrahydrofuran	7.573	42	1334	1.208	ug/l	# 83
31) Cyclohexane	7.979	56	15881	1.525	ug/l	# 12
49) 1,4-Dioxane	9.461	88	152	4.205	ug/l	# 41
76) 1,2,3-Trichloropropane	12.620	75	201243	50.037	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	201243	141.382	ug/l	# 19

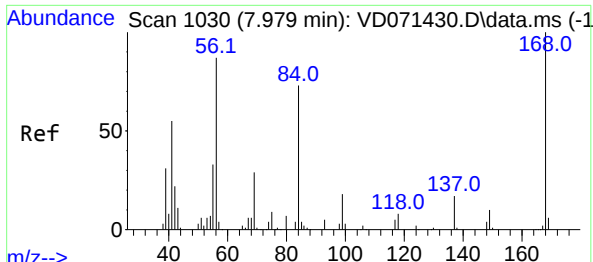
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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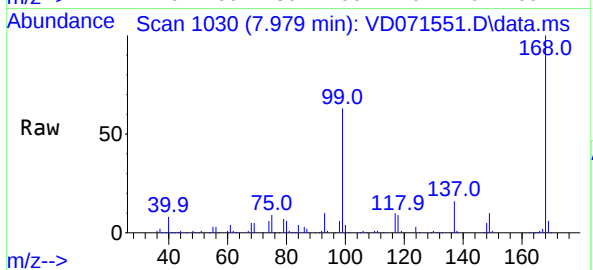
Quant Time: Dec 31 06:55:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
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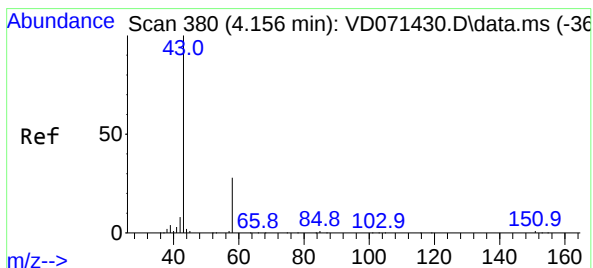
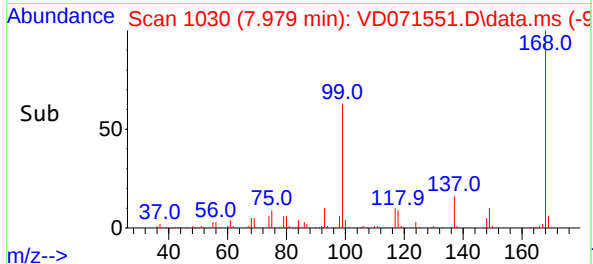
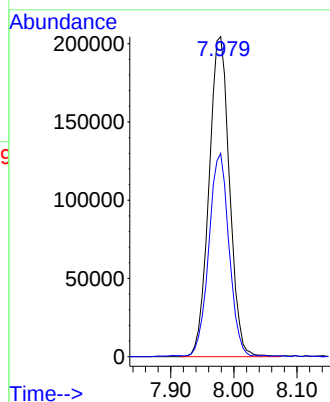


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Instrument :
MSVOA_D
ClientSampleId :
361

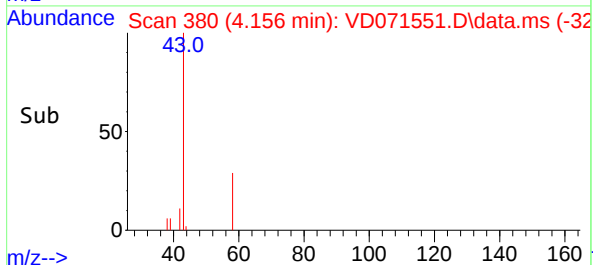
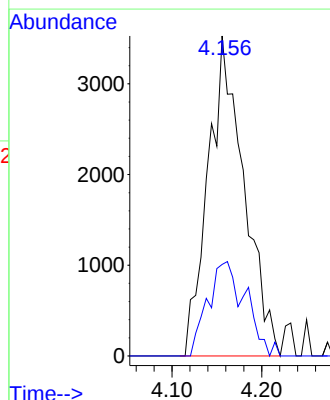
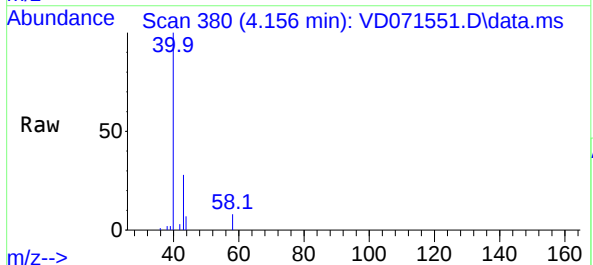


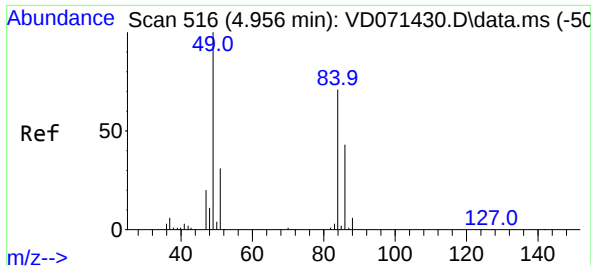
Tgt Ion:168 Resp: 461602
Ion Ratio Lower Upper
168 100
99 63.3 46.6 69.8



#16
Acetone
Concen: 6.356 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 43 Resp: 9788
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



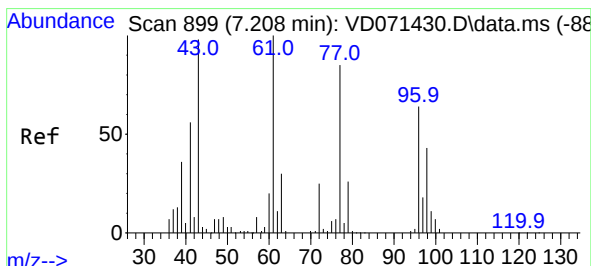
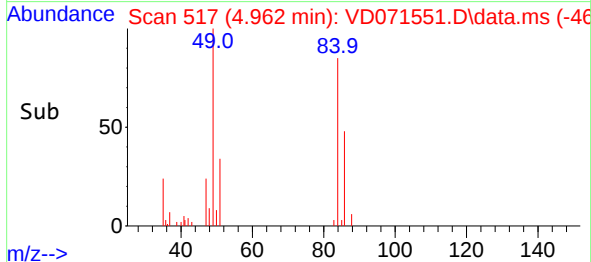
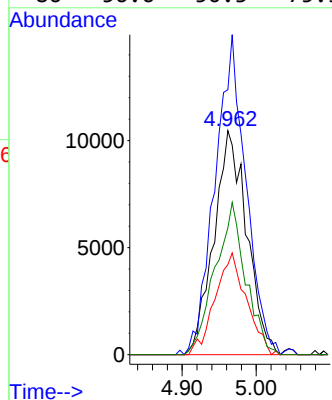
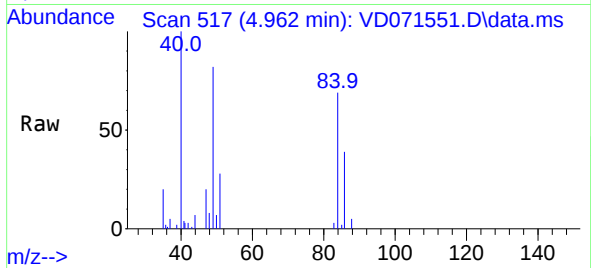


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Instrument :
MSVOA_D
ClientSampleId :
361

Tgt Ion: 84 Resp: 32296

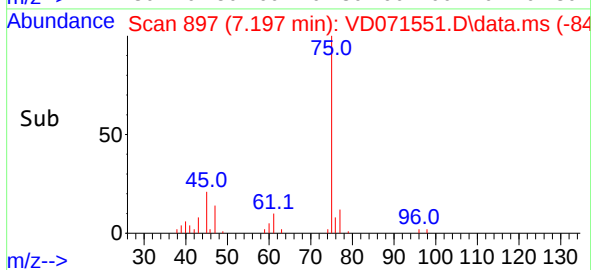
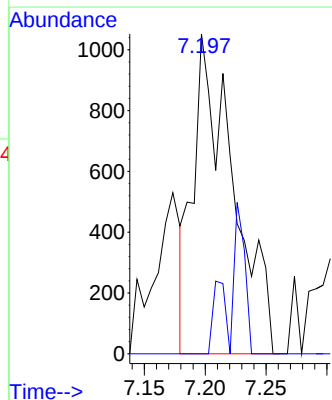
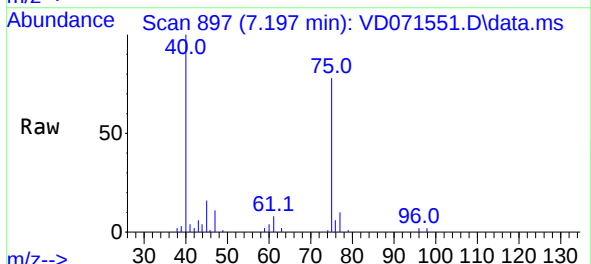
Ion	Ratio	Lower	Upper
84	100		
49	118.3	95.8	143.6
51	40.2	30.9	46.3
86	56.6	50.3	75.5

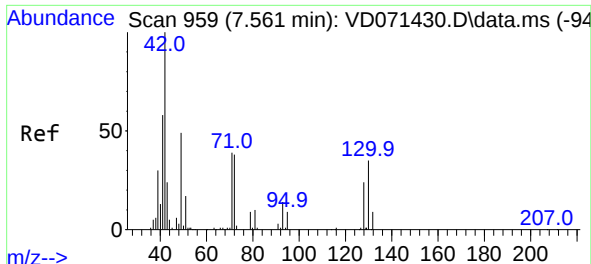


#25
2-Butanone
Concen: 1.304 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 43 Resp: 2399

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.8	35.6#





#29

Tetrahydrofuran

Concen: 1.208 ug/l

RT: 7.573 min Scan# 9

Delta R.T. 0.018 min

Lab File: VD071551.D

Acq: 30 Dec 2021 16:10

Instrument :

MSVOA_D

ClientSampleId :

361

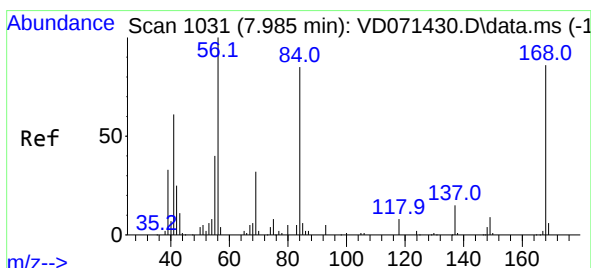
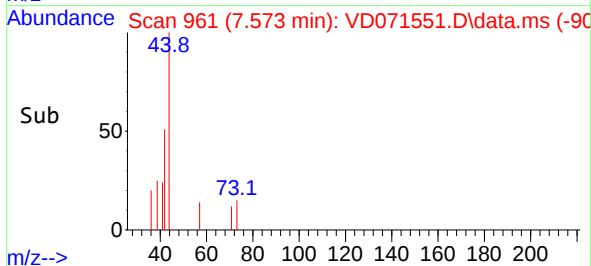
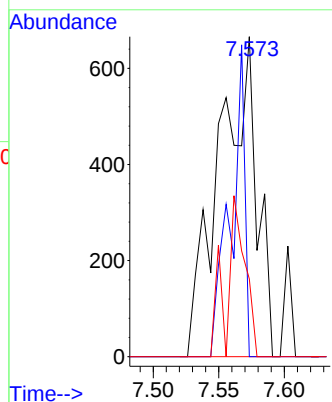
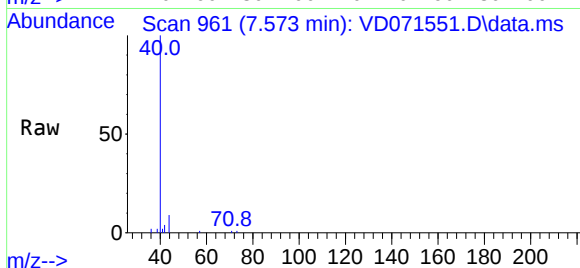
Tgt Ion: 42 Resp: 1334

Ion Ratio Lower Upper

42 100

72 36.0 33.7 50.5

71 25.1 32.7 49.1#



#31

Cyclohexane

Concen: 1.525 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071551.D

Acq: 30 Dec 2021 16:10

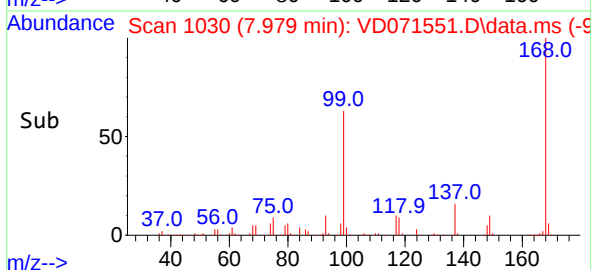
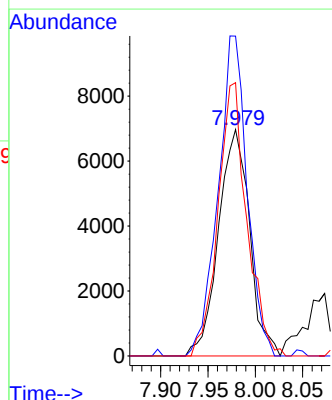
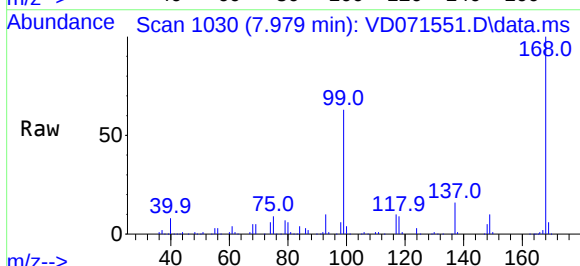
Tgt Ion: 56 Resp: 15881

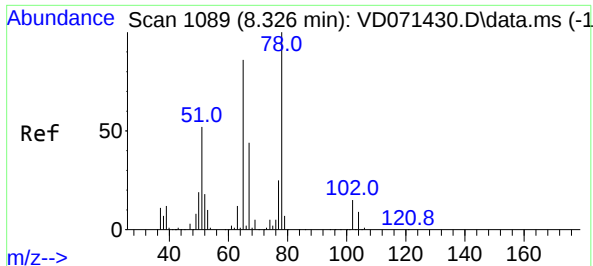
Ion Ratio Lower Upper

56 100

69 141.3 25.9 38.9#

84 120.7 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 38.192 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071551.D

Acq: 30 Dec 2021 16:10

Instrument :

MSVOA_D

ClientSampleId :

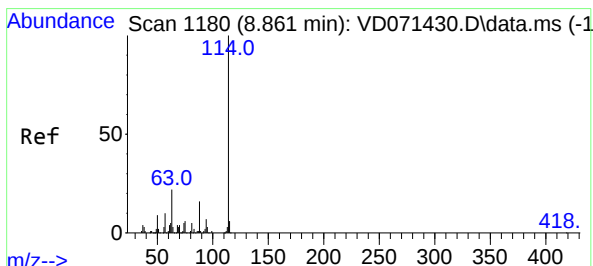
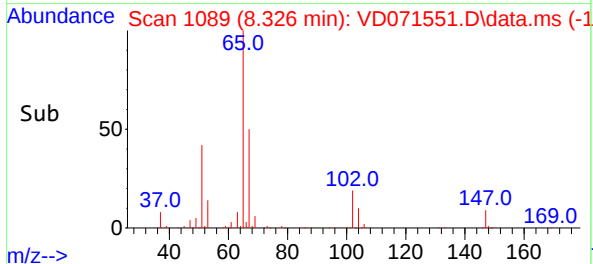
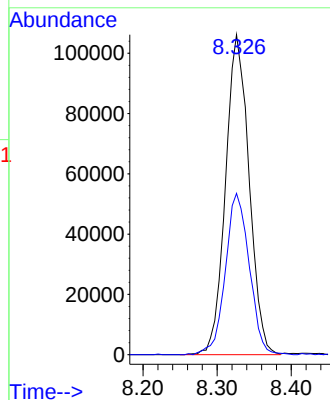
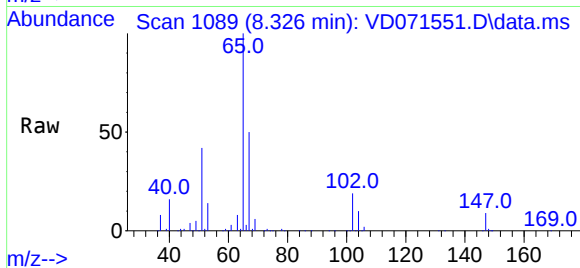
361

Tgt Ion: 65 Resp: 234138

Ion Ratio Lower Upper

65 100

67 51.3 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071551.D

Acq: 30 Dec 2021 16:10

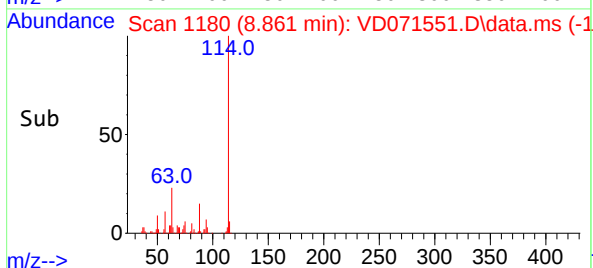
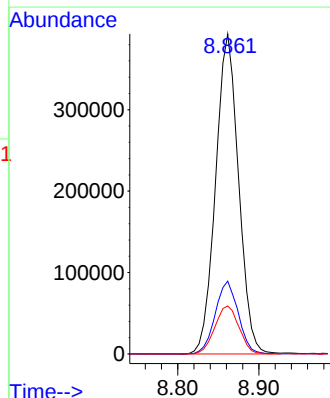
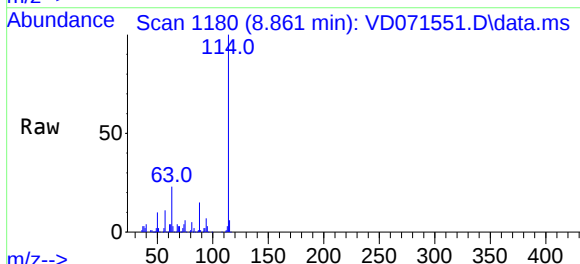
Tgt Ion: 114 Resp: 773097

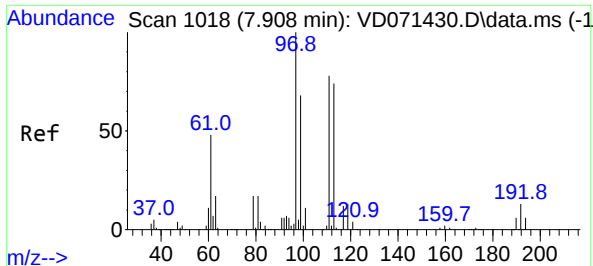
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.0 0.0 32.8

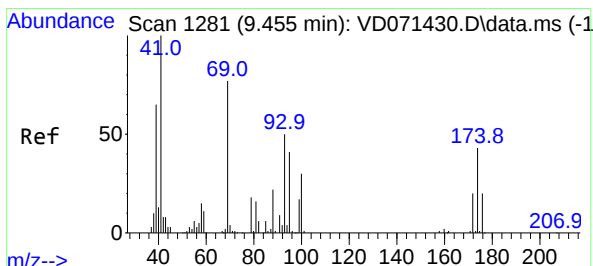
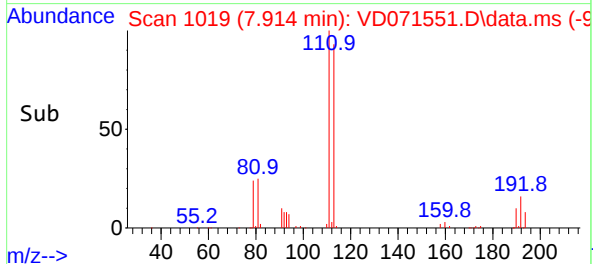
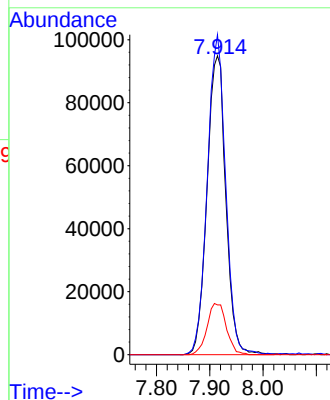
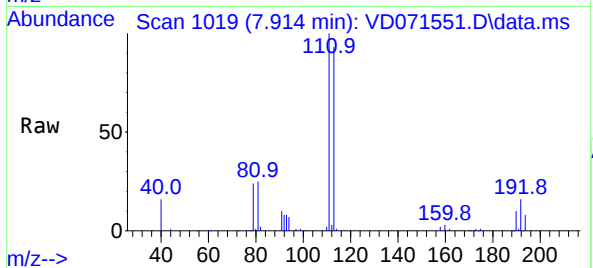




#35
Dibromofluoromethane
Concen: 44.744 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

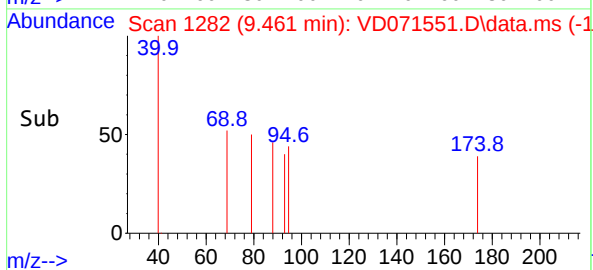
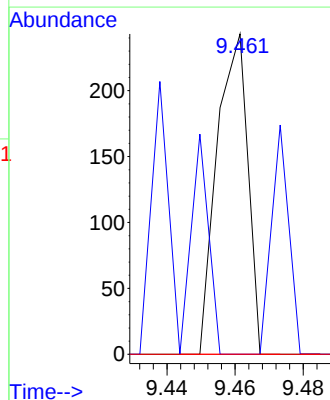
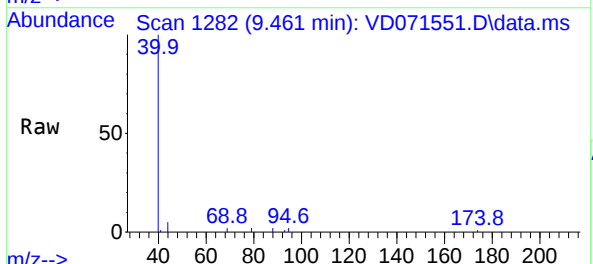
Instrument :
MSVOA_D
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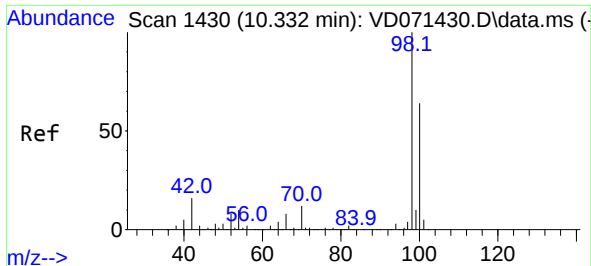
Tgt Ion:113 Resp: 232479
Ion Ratio Lower Upper
113 100
111 104.2 82.0 123.0
192 17.5 15.2 22.8



#49
1,4-Dioxane
Concen: 4.205 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 88 Resp: 152
Ion Ratio Lower Upper
88 100
43 40.1 28.9 43.3
58 0.0 56.3 84.5#

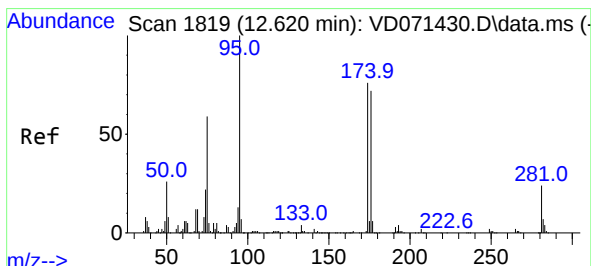
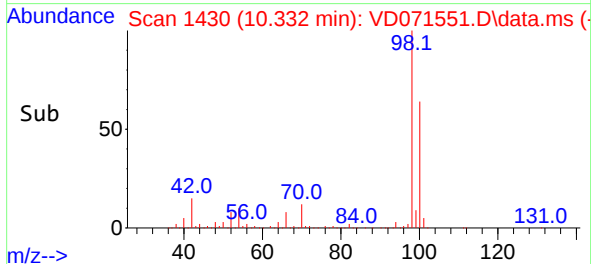
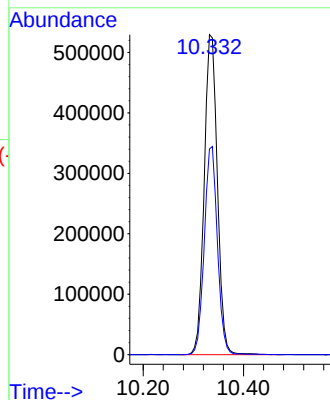
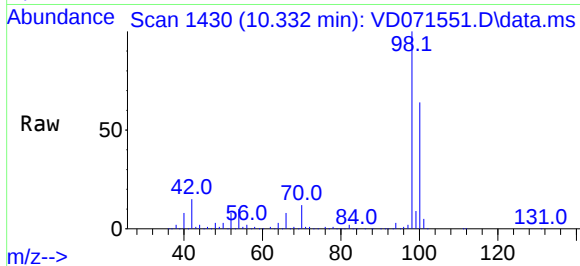




#50
Toluene-d8
Concen: 49.283 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

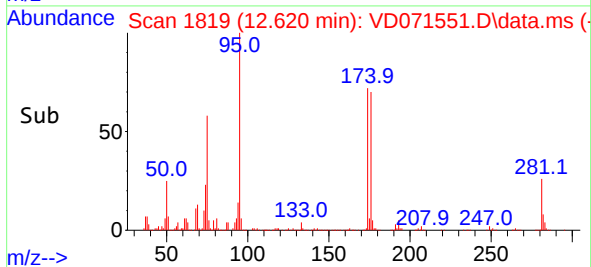
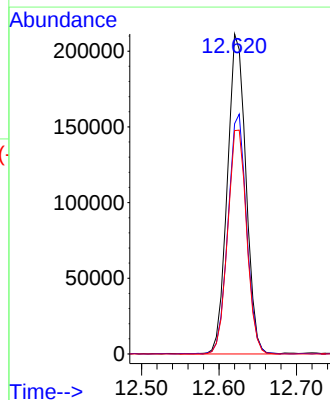
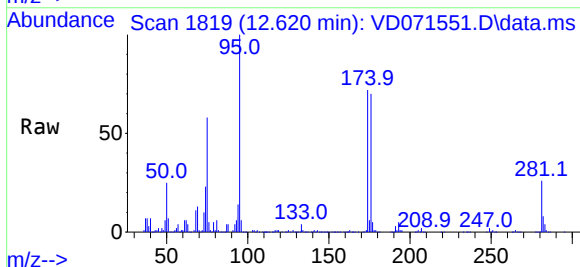
Instrument :
MSVOA_D
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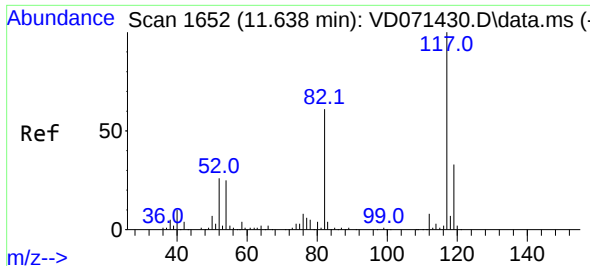
Tgt Ion: 98 Resp: 967679
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.500 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 95 Resp: 352355
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 71.5 0.0 154.0

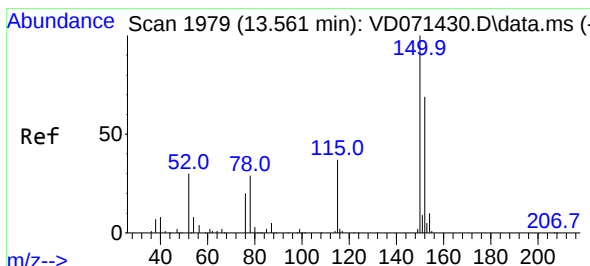
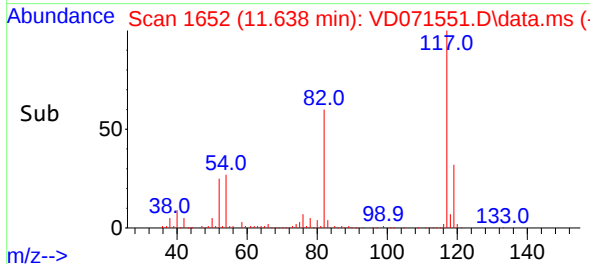
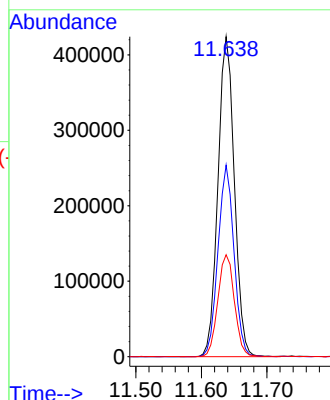
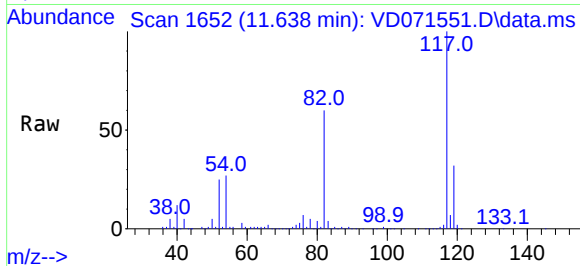




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

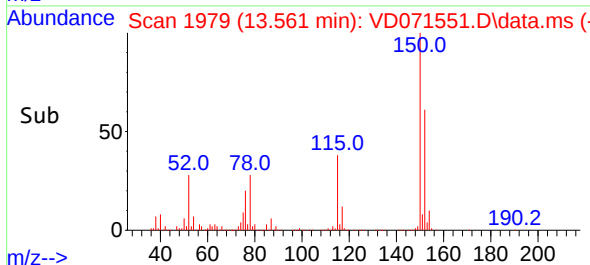
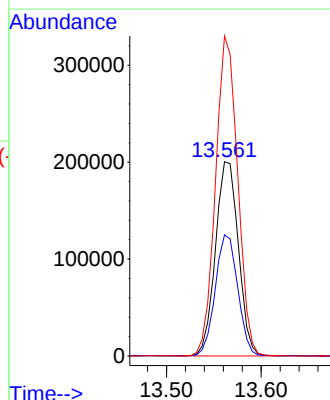
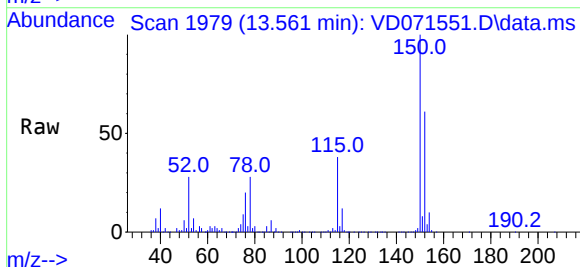
Instrument :
MSVOA_D
ClientSampleId :
361

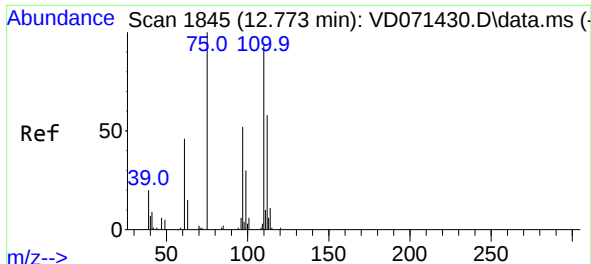
Tgt Ion:	117	Resp:	733608
Ion	Ratio	Lower	Upper
117	100		
82	59.8	44.7	67.1
119	31.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion:	152	Resp:	338488
Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.8	89.3
150	158.9	0.0	349.2

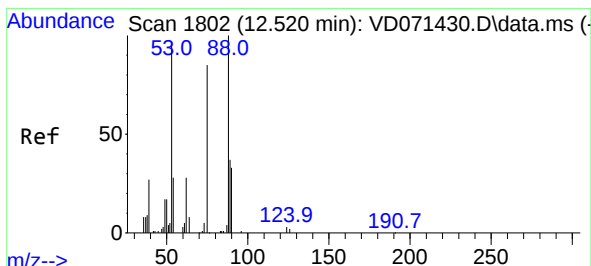
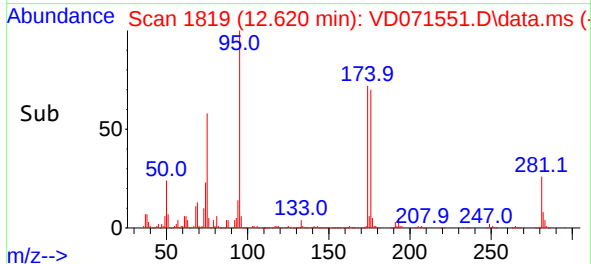
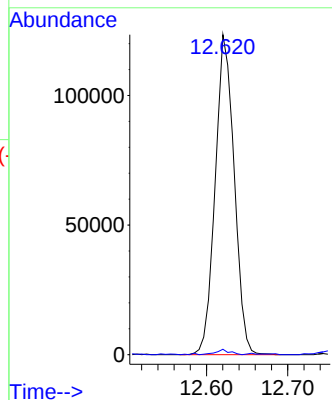
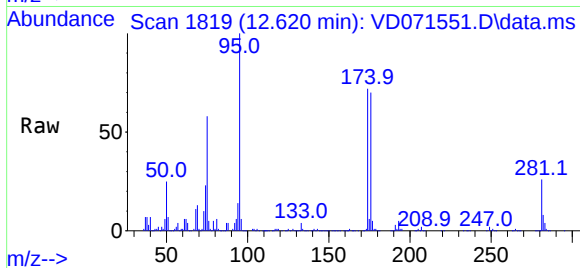




#76
1,2,3-Trichloropropane
Concen: 50.037 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Instrument :
MSVOA_D
ClientSampleId :
361

Tgt Ion: 75 Resp: 201243
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.382 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 75 Resp: 201243
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.3 34.5 51.7#

