

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070936.D
 Acq On : 08 Nov 2021 15:26
 Operator : VA/SY
 Sample : M4519-01
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Nov 09 02:33:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	495468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	924938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	852975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	390464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	276948	45.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.914	113	276178	47.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.320%
50) Toluene-d8	10.332	98	1147160	50.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.620	95	424645	49.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.880%

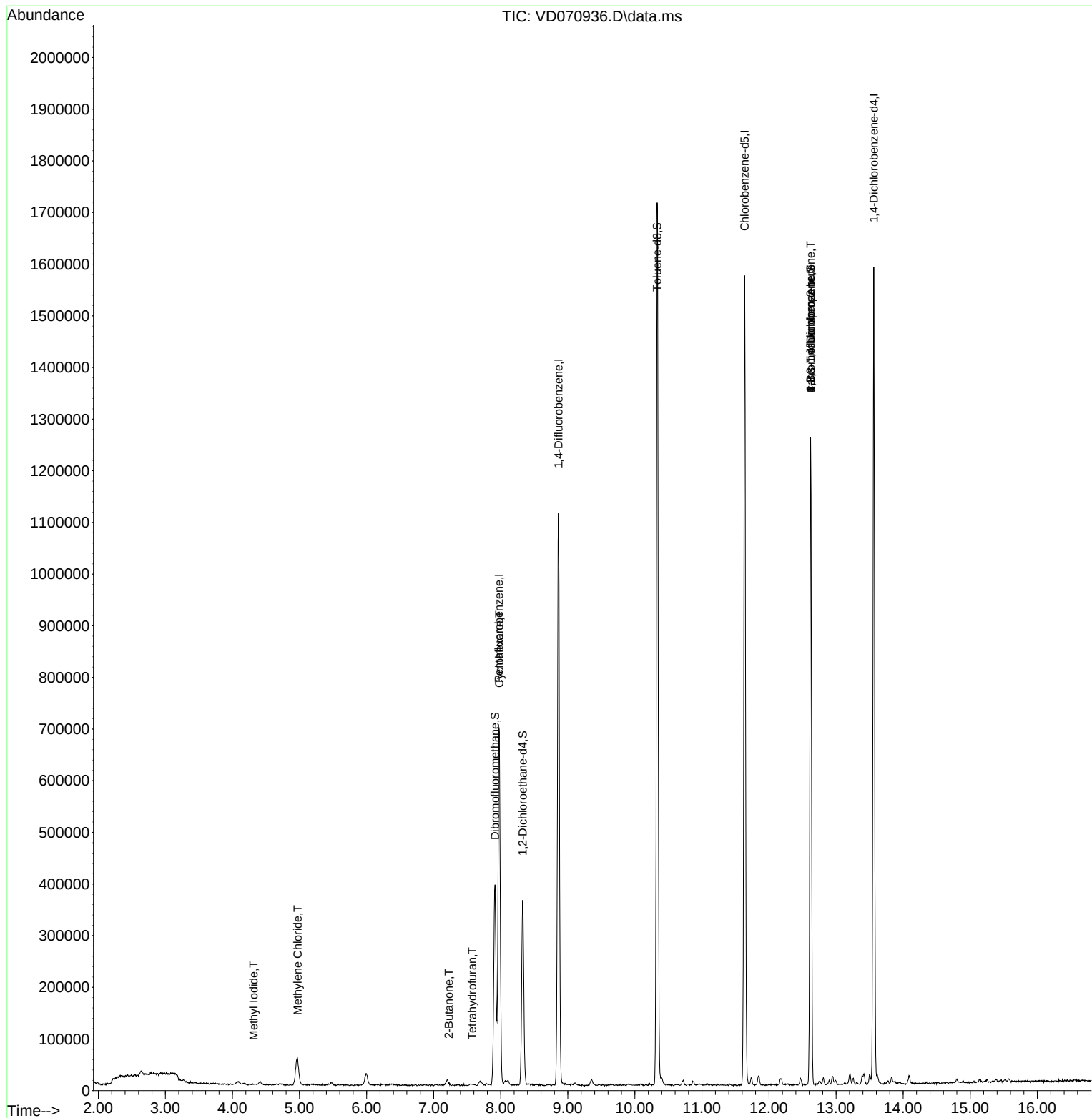
Target Compounds					Qvalue	
10) Methyl Iodide	4.315	142	2071	4.748	ug/l	# 42
13) Acrolein	3.921	56	516	Below Cal		# 52
16) Acetone	4.168	43	3886	Below Cal		91
20) Methylene Chloride	4.973	84	40059	3.828	ug/l	93
25) 2-Butanone	7.226	43	1744	1.034	ug/l	# 45
29) Tetrahydrofuran	7.573	42	1937	1.883	ug/l	# 63
31) Cyclohexane	7.979	56	17424	1.464	ug/l	# 11
76) 1,2,3-Trichloropropane	12.620	75	219336	55.751	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	219336	132.281	ug/l	# 18

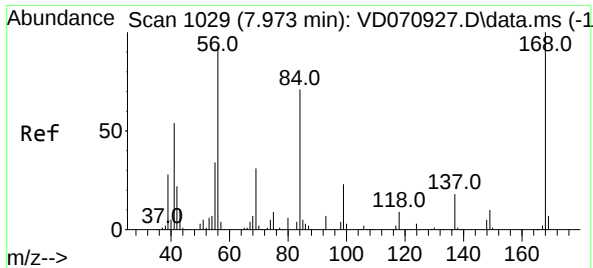
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 08 13:56:36 2021
Response via : Initial Calibration

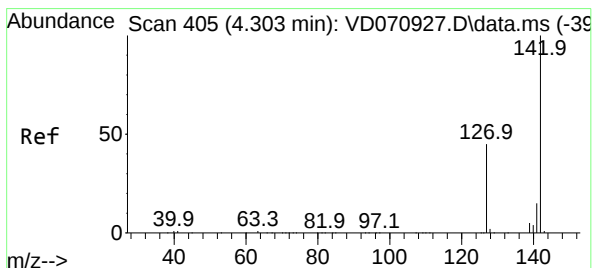
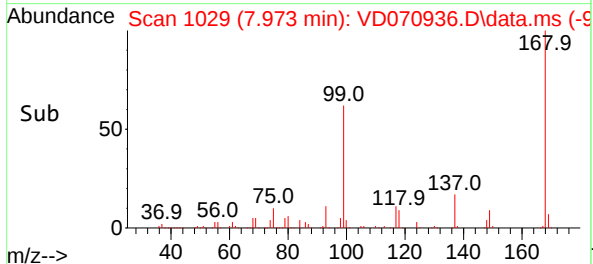
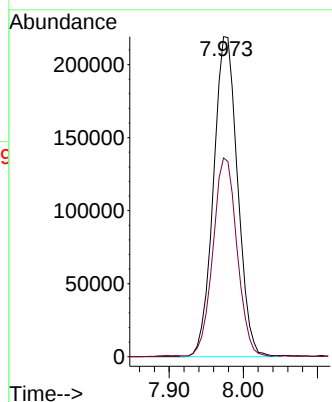
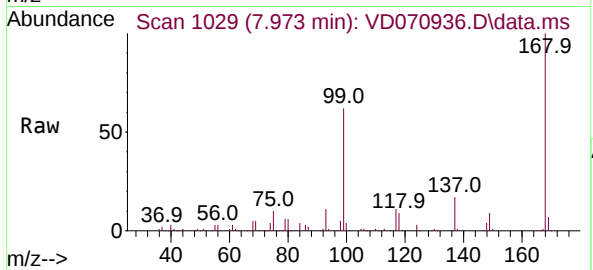




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

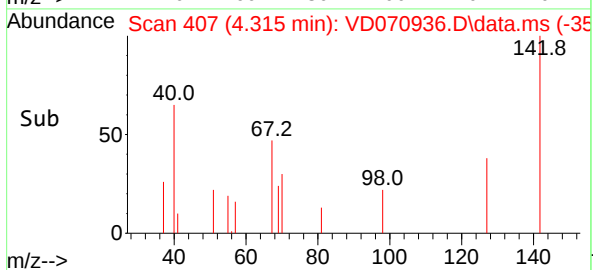
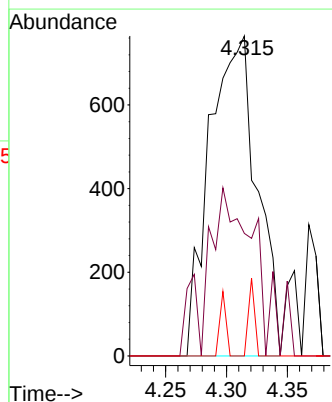
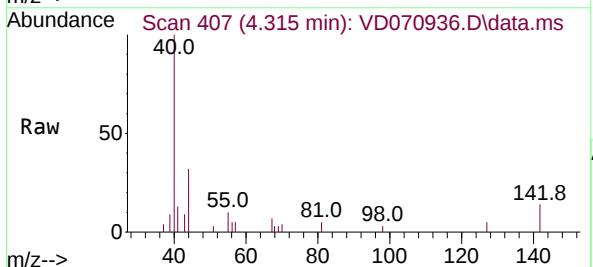
Instrument :
MSVOA_D
ClientSampleId :
SB-1

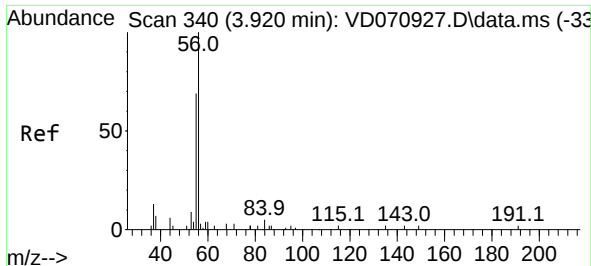
Tgt Ion:168 Resp: 495468
Ion Ratio Lower Upper
168 100
99 61.9 46.6 69.8



#10
Methyl Iodide
Concen: 4.748 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Tgt Ion:142 Resp: 2071
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 3.2 12.0 18.0#





#13

Acrolein

Concen: Below Cal

RT: 3.921 min Scan# 34

Delta R.T. 0.001 min

Lab File: VD070936.D

Acq: 08 Nov 2021 15:26

Instrument :

MSVOA_D

ClientSampleId :

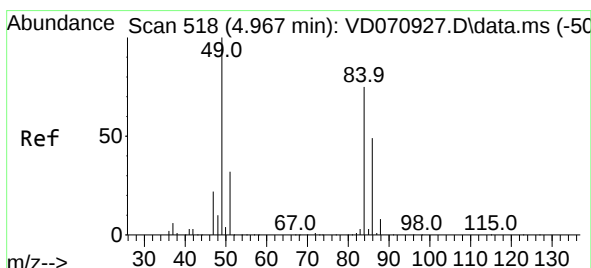
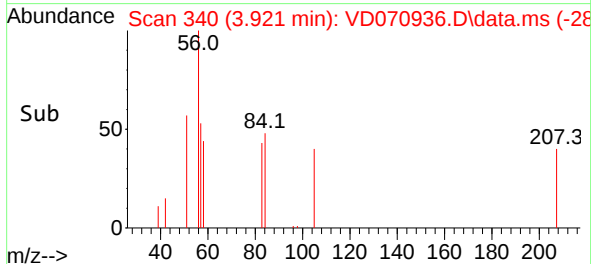
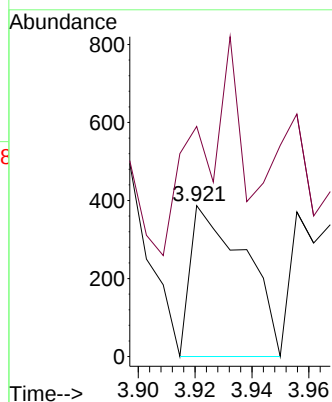
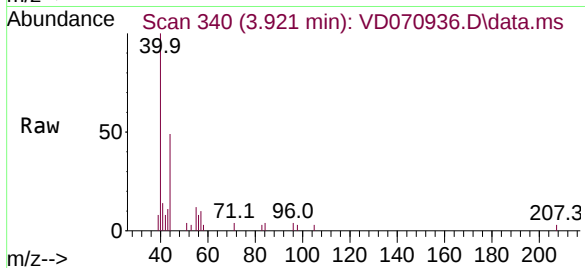
SB-1

Tgt Ion: 56 Resp: 516

Ion Ratio Lower Upper

56 100

55 114.0 58.6 87.8#



#20

Methylene Chloride

Concen: 3.828 ug/l

RT: 4.973 min Scan# 519

Delta R.T. 0.006 min

Lab File: VD070936.D

Acq: 08 Nov 2021 15:26

Tgt Ion: 84 Resp: 40059

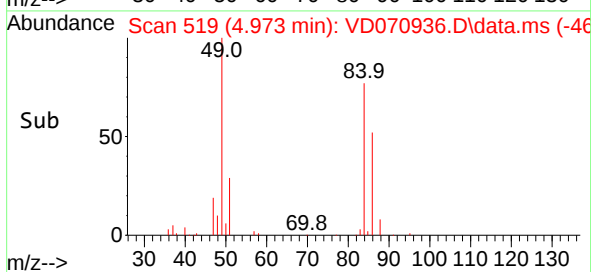
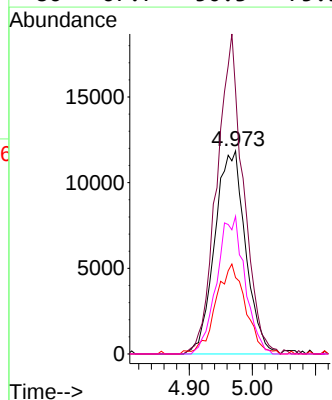
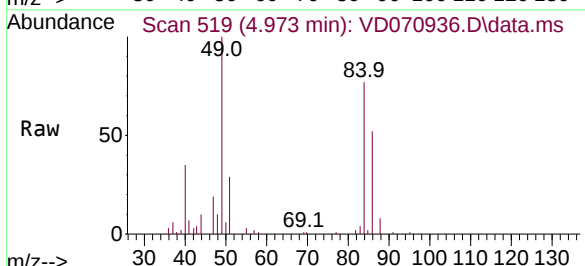
Ion Ratio Lower Upper

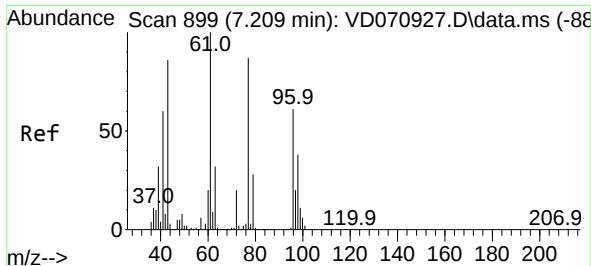
84 100

49 129.6 95.8 143.6

51 37.6 30.9 46.3

86 67.7 50.3 75.5

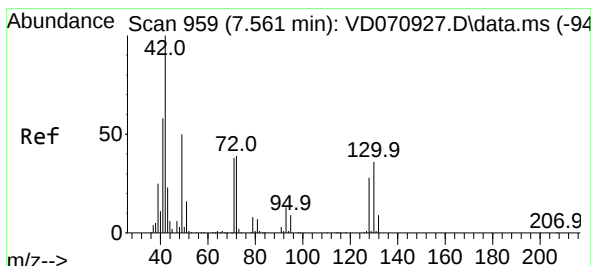
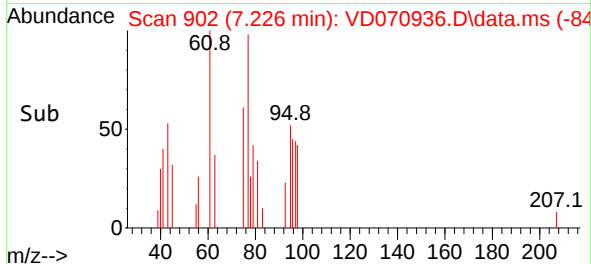
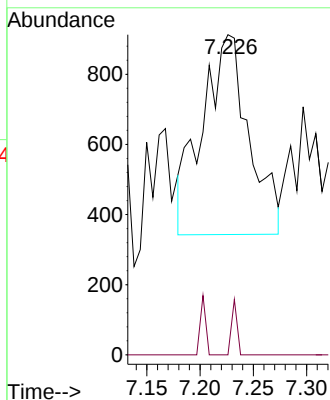
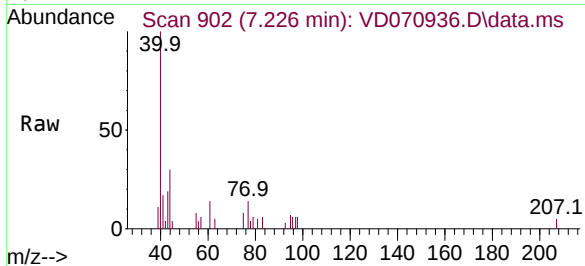




#25
2-Butanone
Concen: 1.034 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.017 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

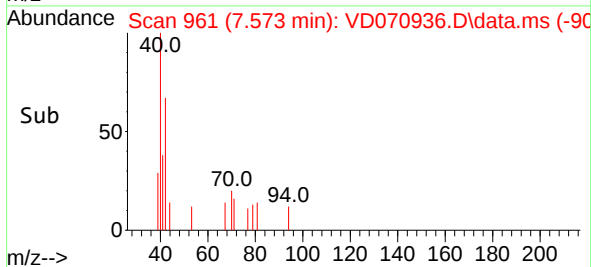
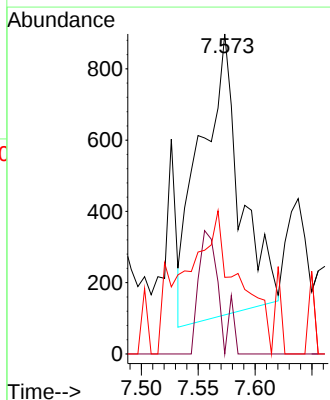
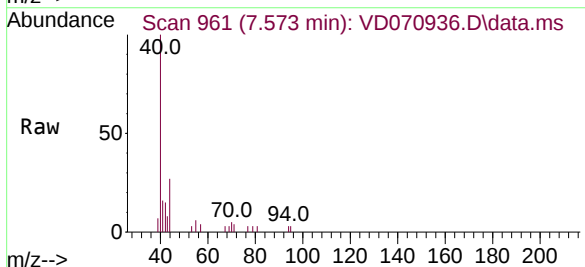
Instrument :
MSVOA_D
ClientSampleId :
SB-1

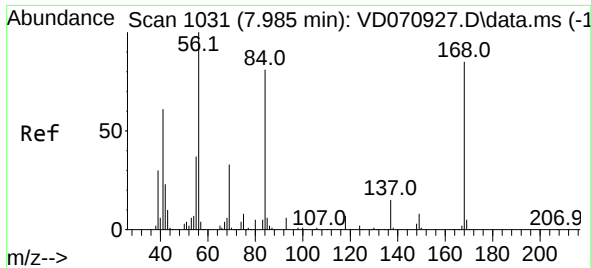
Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#29
Tetrahydrofuran
Concen: 1.883 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Tgt Ion: 42 Resp: 1937
Ion Ratio Lower Upper
42 100
72 22.7 33.7 50.5#
71 67.9 32.7 49.1#

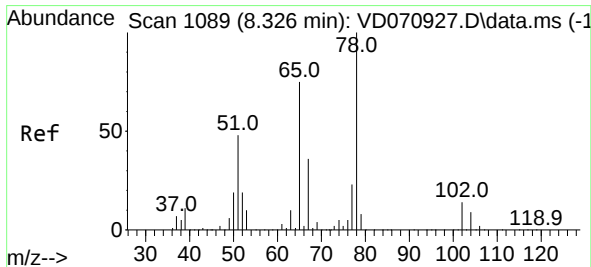
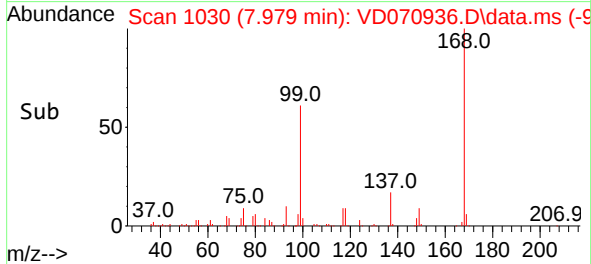
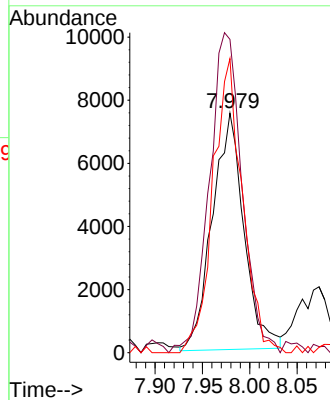
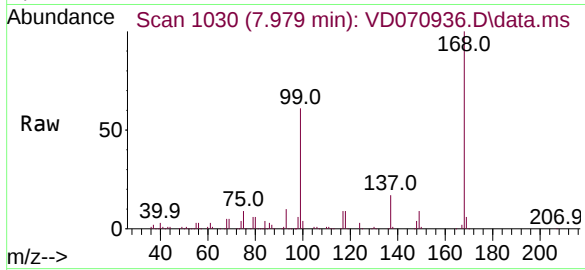




#31
Cyclohexane
Concen: 1.464 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

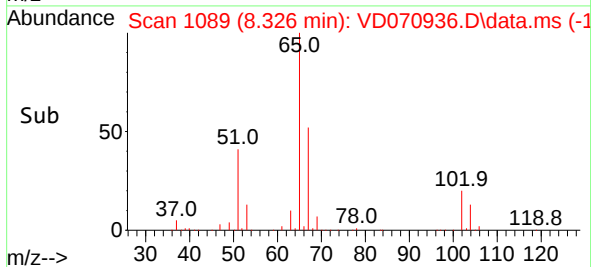
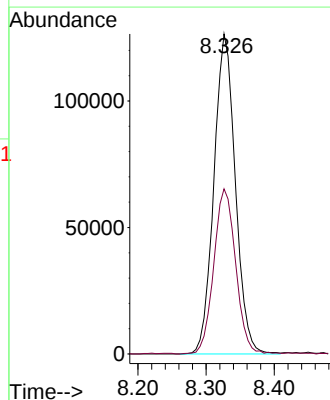
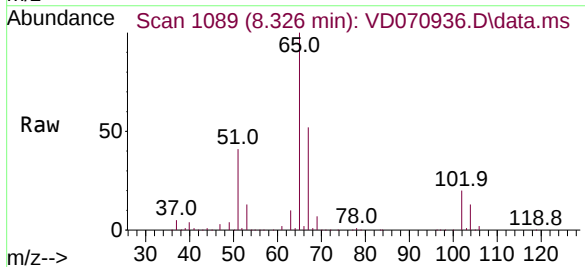
Instrument :
MSVOA_D
ClientSampleId :
SB-1

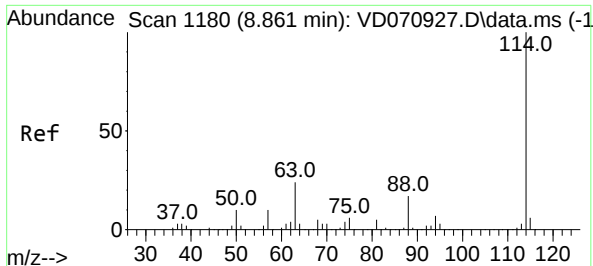
Tgt Ion: 56 Resp: 17424
Ion Ratio Lower Upper
56 100
69 133.9 25.9 38.9#
84 125.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 45.511 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Tgt Ion: 65 Resp: 276948
Ion Ratio Lower Upper
65 100
67 52.7 0.0 112.2

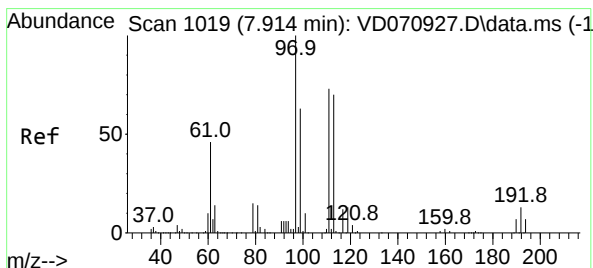
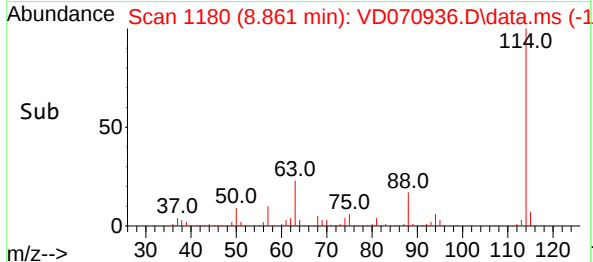
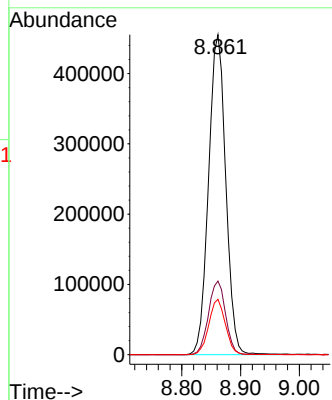
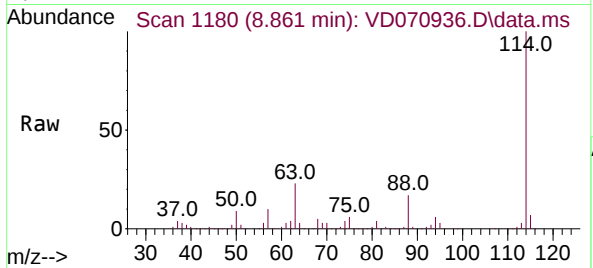




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

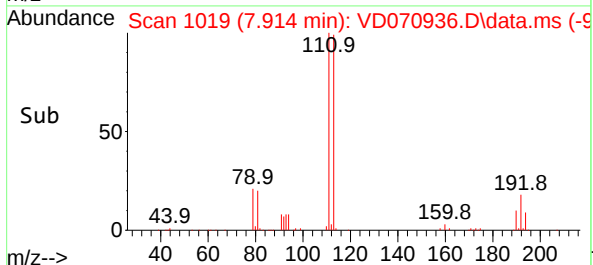
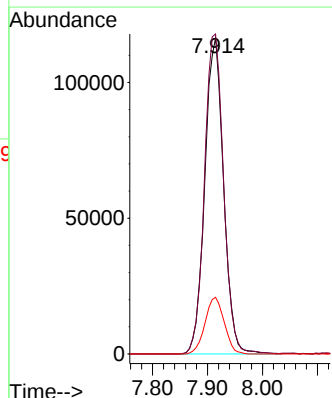
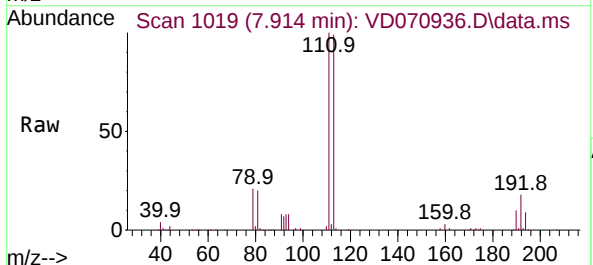
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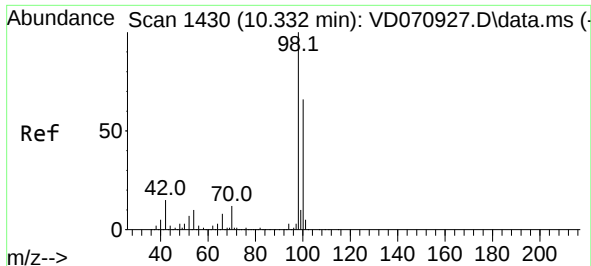
Tgt Ion:	114	Resp:	924938
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	41.8
88	17.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 47.663 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Tgt Ion:	113	Resp:	276178
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.0	123.0
192	18.3	15.2	22.8

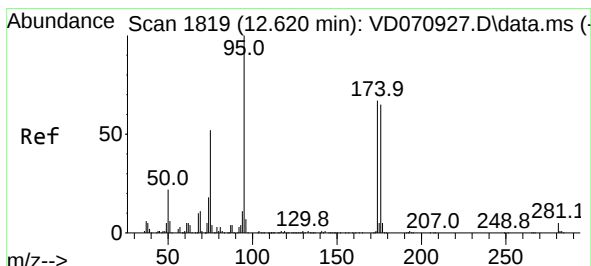
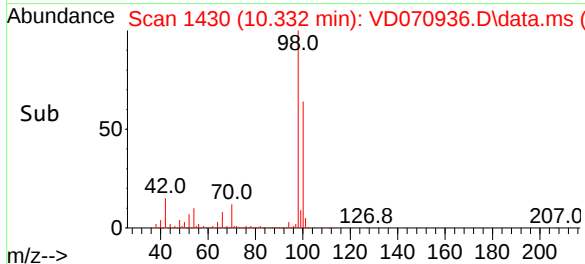
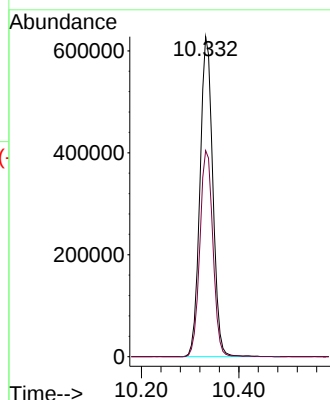
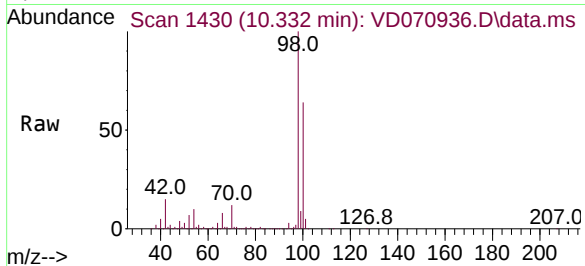




#50
Toluene-d8
Concen: 50.930 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

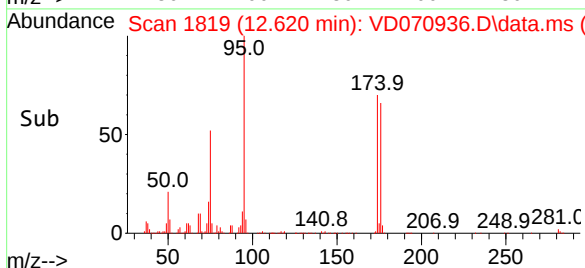
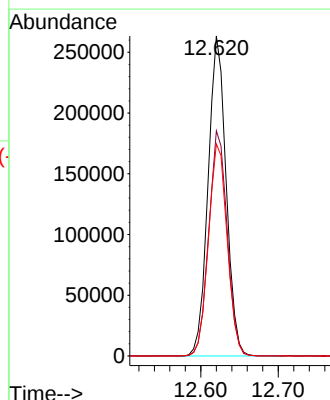
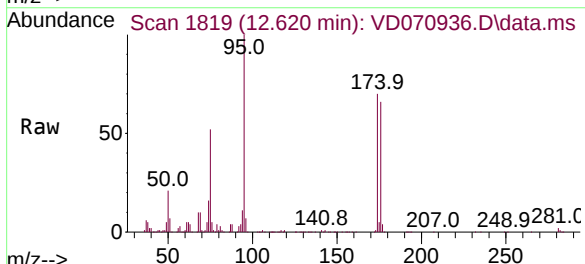
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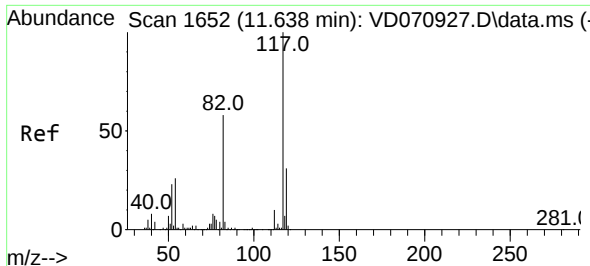
Tgt Ion: 98 Resp: 1147160
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.940 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Tgt Ion: 95 Resp: 424645
Ion Ratio Lower Upper
95 100
174 72.0 0.0 159.4
176 68.8 0.0 154.0

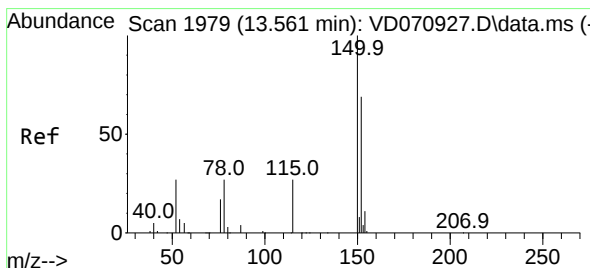
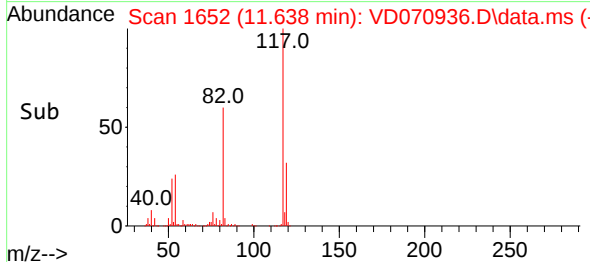
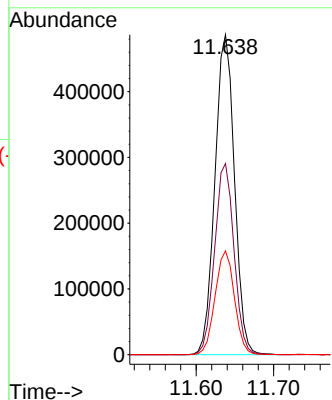
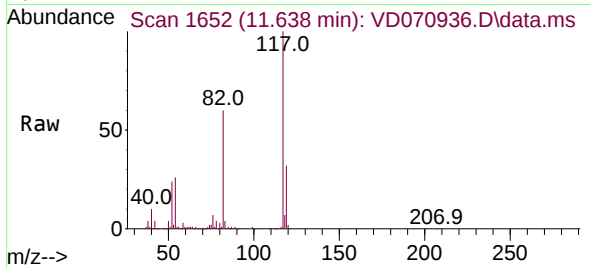




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

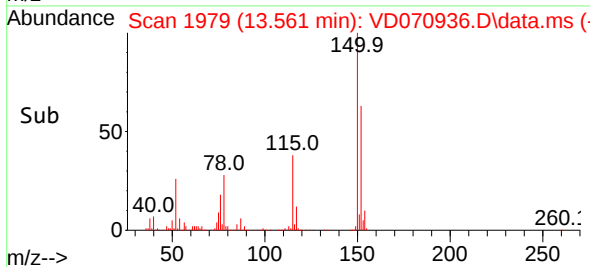
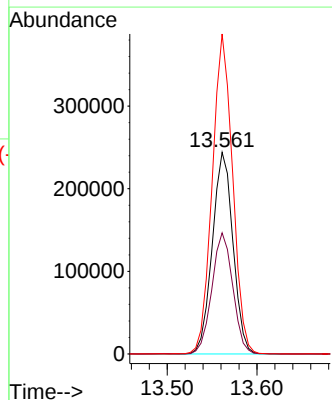
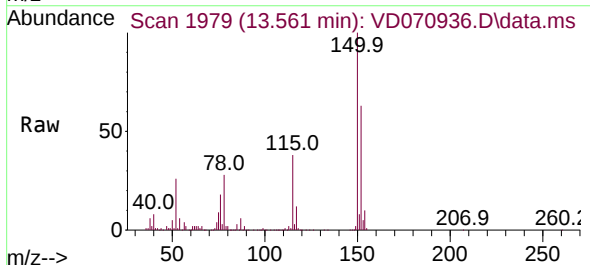
Instrument :
MSVOA_D
ClientSampleId :
SB-1

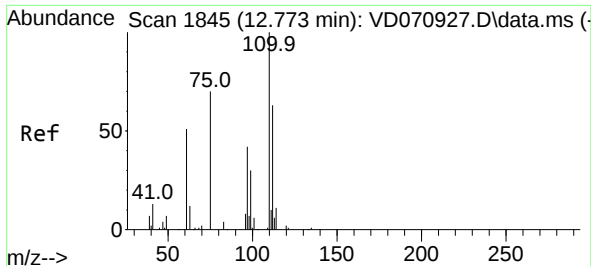
Tgt Ion:117 Resp: 852975
Ion Ratio Lower Upper
117 100
82 59.8 44.7 67.1
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Tgt Ion:152 Resp: 390464
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 156.3 0.0 349.2

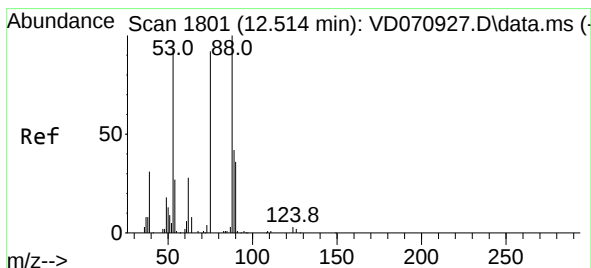
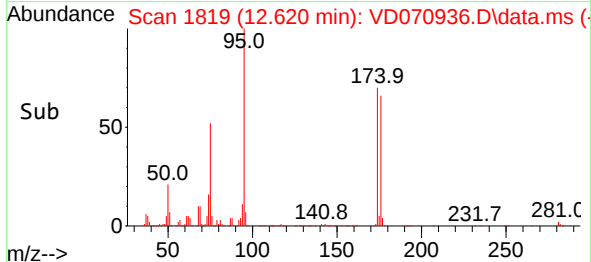
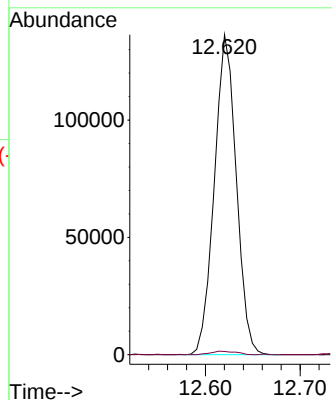
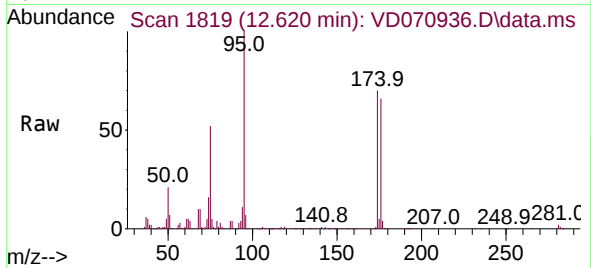




#76
1,2,3-Trichloropropane
Concen: 55.751 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion: 75 Resp: 219336
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.281 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD070936.D
Acq: 08 Nov 2021 15:26

Tgt Ion: 75 Resp: 219336
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 34.5 51.7#

