

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071502.D
 Acq On : 28 Dec 2021 14:49
 Operator : VA/SY
 Sample : M5224-01
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Dec 28 16:00:29 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	7.973	168	216845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	405865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	410073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	198294	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	200090	69.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.960%
35) Dibromofluoromethane	7.914	113	147535	54.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.180%
50) Toluene-d8	10.332	98	505994	49.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.626	95	196674	53.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.380%

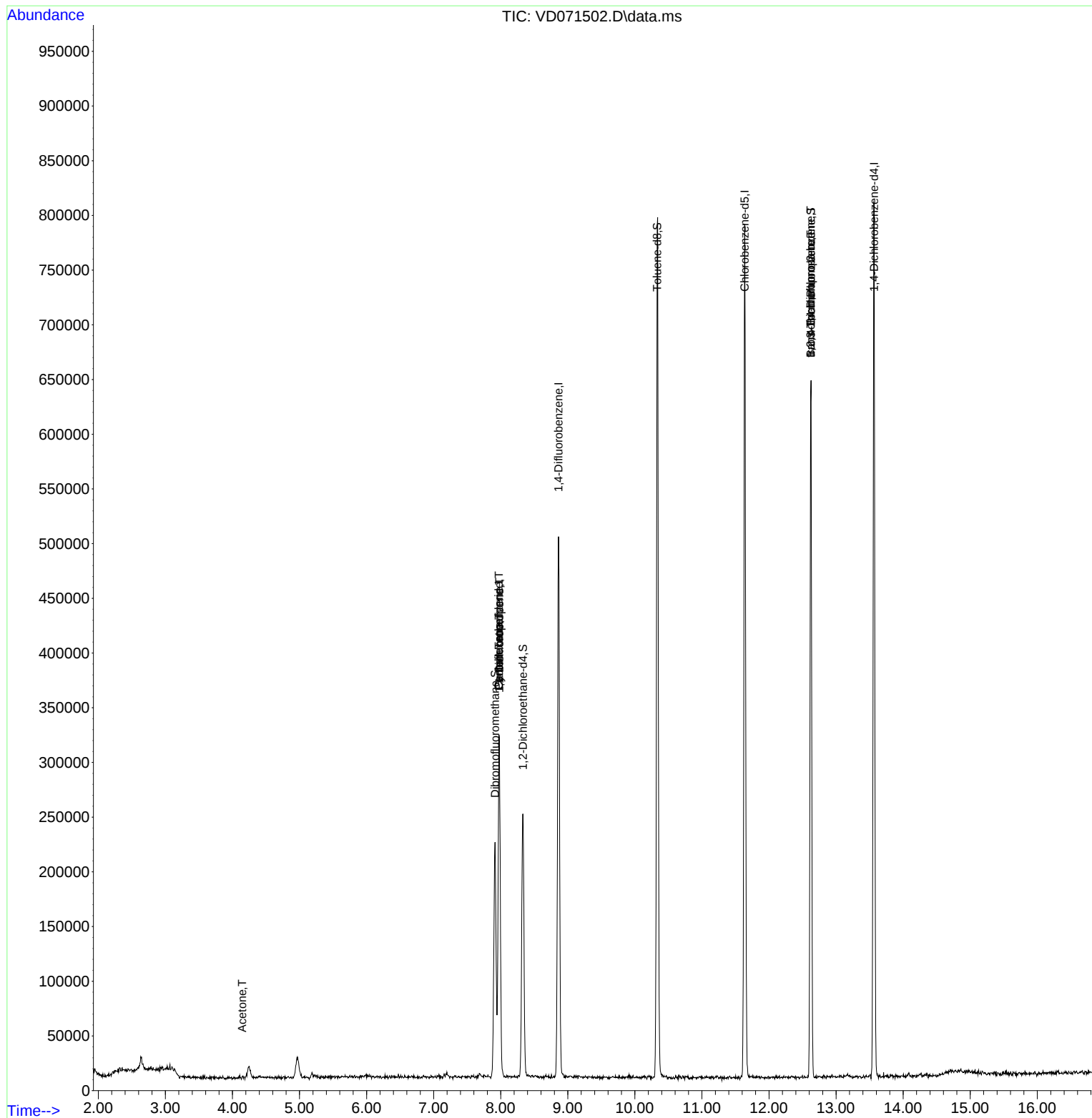
Target Compounds					Qvalue
11) Tert butyl alcohol	5.197	59	494	Below Cal	# 71
16) Acetone	4.144	43	1358	1.877	ug/l # 40
20) Methylene Chloride	4.962	84	12167	Below Cal	# 86
31) Cyclohexane	7.973	56	6775	1.385	ug/l # 58
36) 1,1-Dichloropropene	7.979	75	19898	4.566	ug/l # 51
38) Carbon Tetrachloride	7.973	117	23607	5.491	ug/l # 16
71) Bromoform	12.620	173	2276	1.369	ug/l # 29
76) 1,2,3-Trichloropropane	12.620	75	114774	48.714	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.620	75	114774	137.642	ug/l # 18

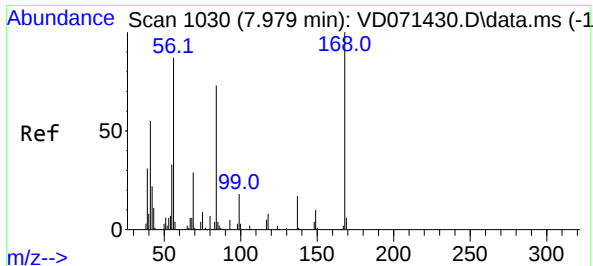
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

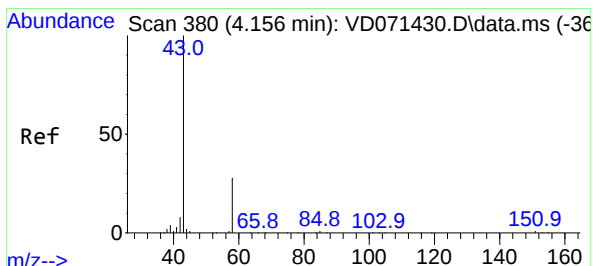
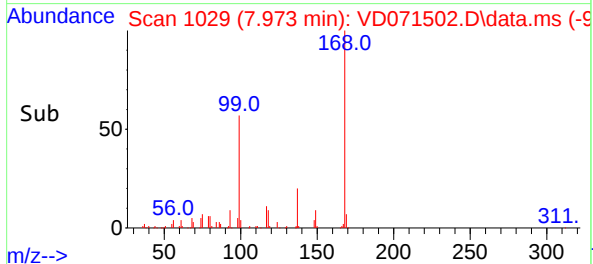
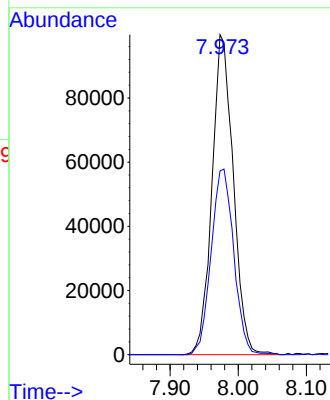
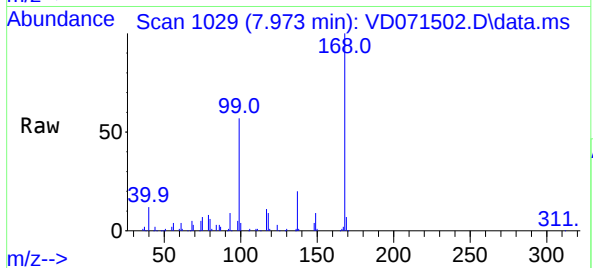




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

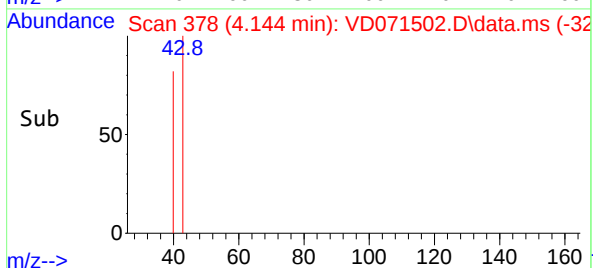
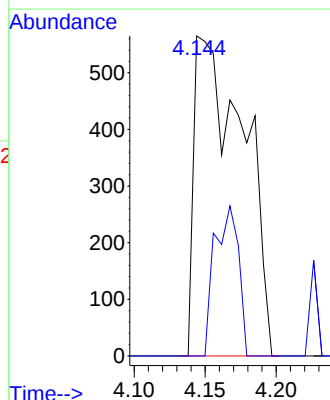
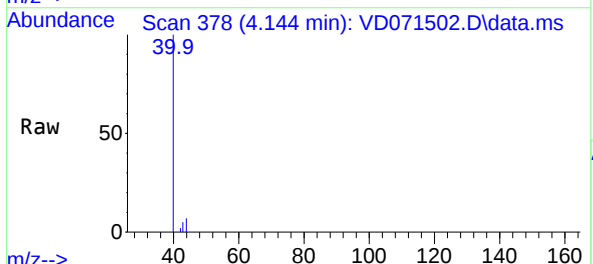
Instrument :
MSVOA_D
ClientSampleId :
SB-1

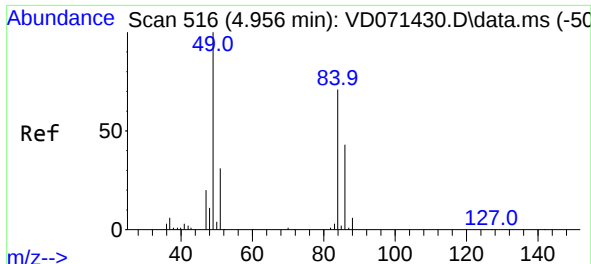
Tgt Ion:168 Resp: 216845
Ion Ratio Lower Upper
168 100
99 57.4 46.6 69.8



#16
Acetone
Concen: 1.877 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



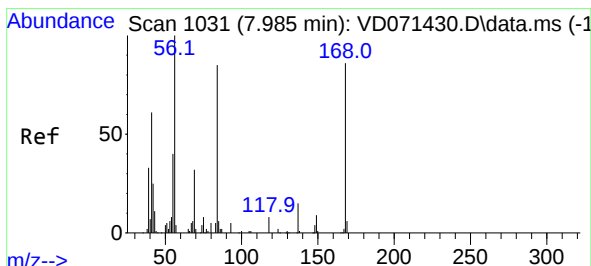
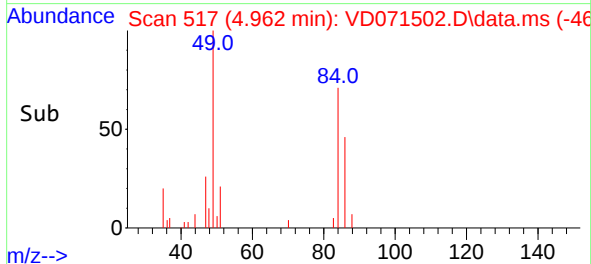
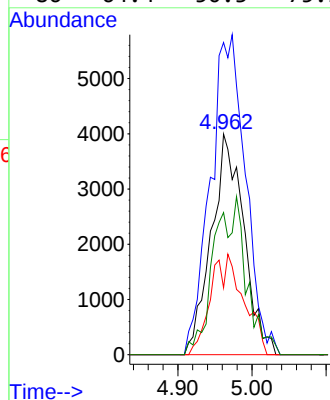
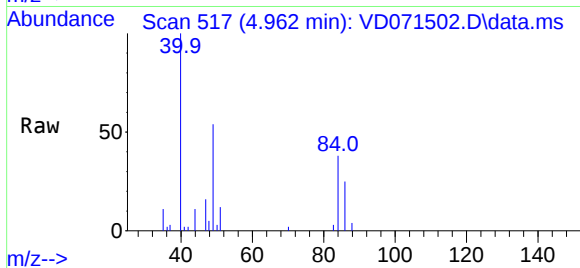


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion: 84 Resp: 12167

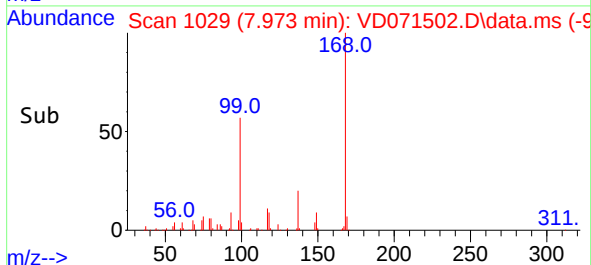
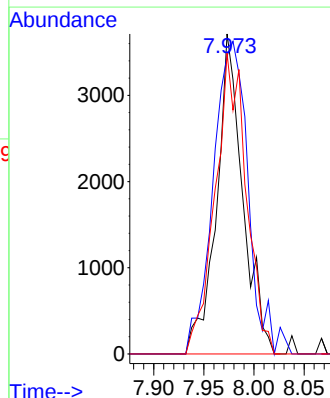
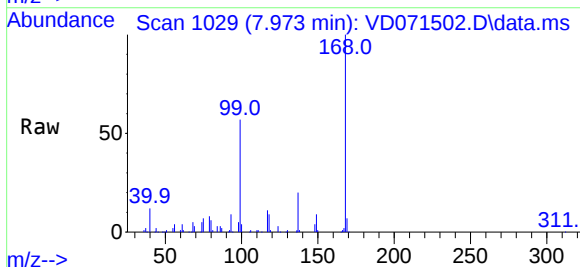
Ion	Ratio	Lower	Upper
84	100		
49	141.5	95.8	143.6
51	30.3	30.9	46.3
86	64.4	50.3	75.5

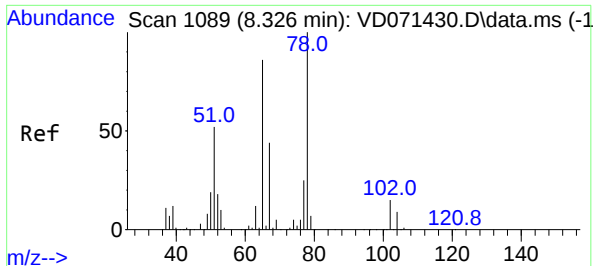


#31
Cyclohexane
Concen: 1.385 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 56 Resp: 6775

Ion	Ratio	Lower	Upper
56	100		
69	93.2	25.9	38.9
84	94.0	64.3	96.5

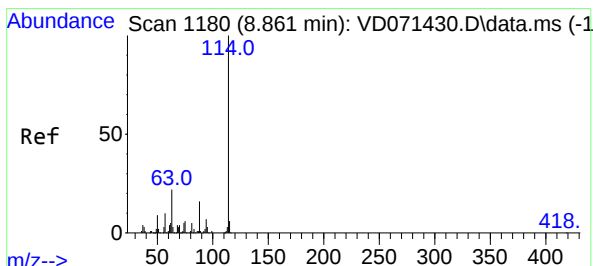
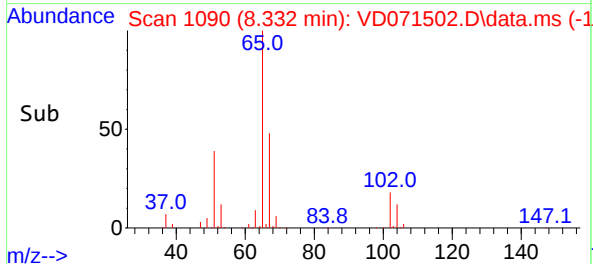
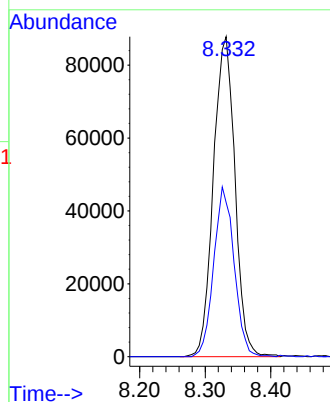
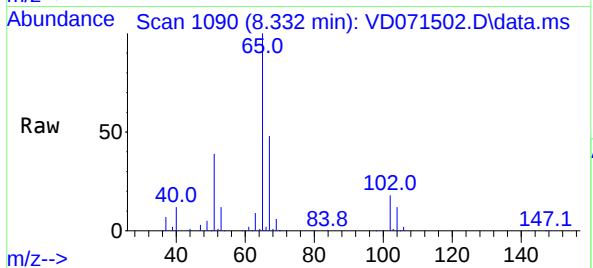




#33
1,2-Dichloroethane-d4
Concen: 69.478 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

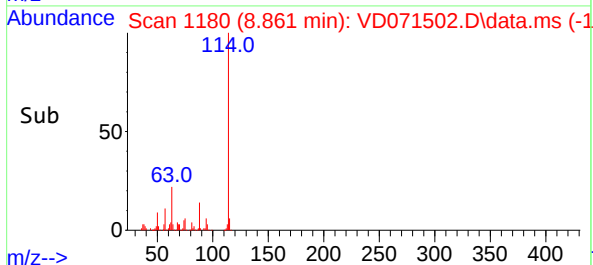
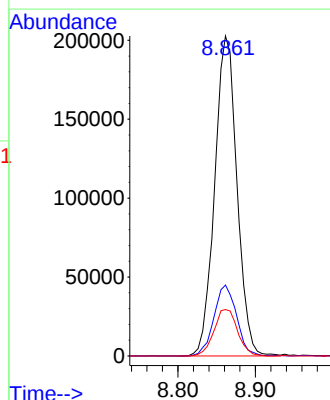
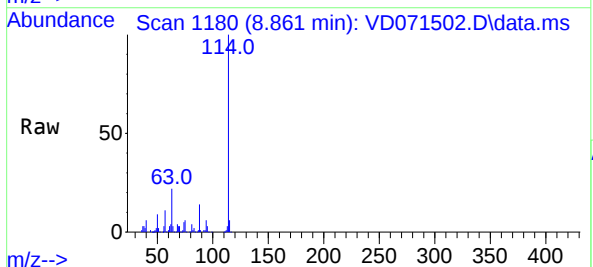
Instrument :
MSVOA_D
ClientSampleId :
SB-1

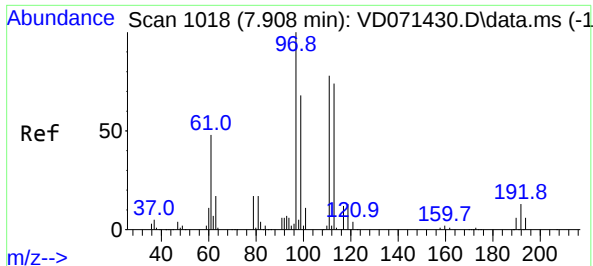
Tgt Ion: 65 Resp: 200090
Ion Ratio Lower Upper
65 100
67 50.2 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion:114 Resp: 405865
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.8
88 14.5 0.0 32.8

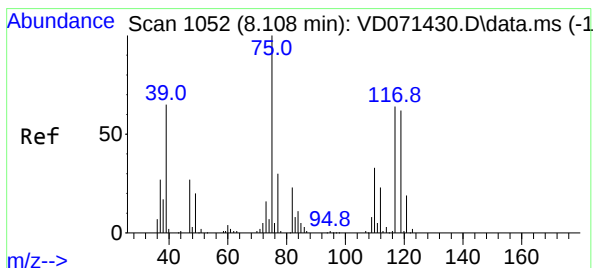
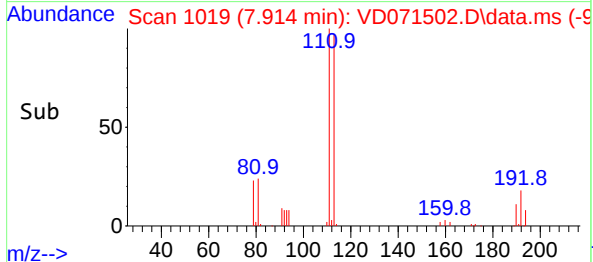
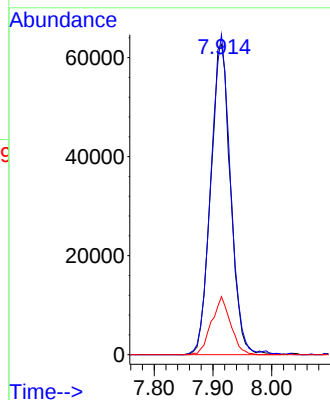
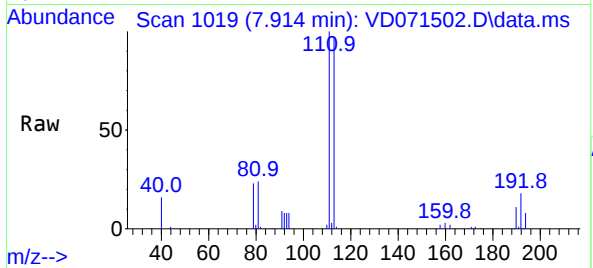




#35
Dibromofluoromethane
Concen: 54.087 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

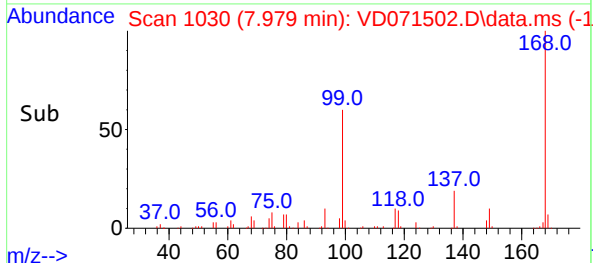
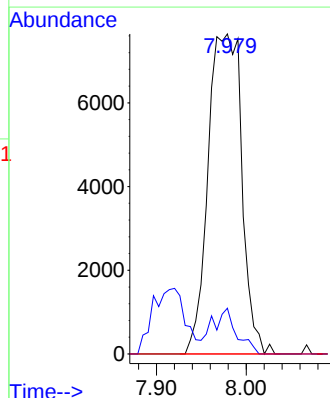
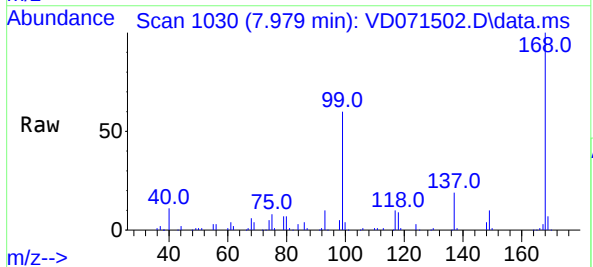
Instrument :
MSVOA_D
ClientSampleId :
SB-1

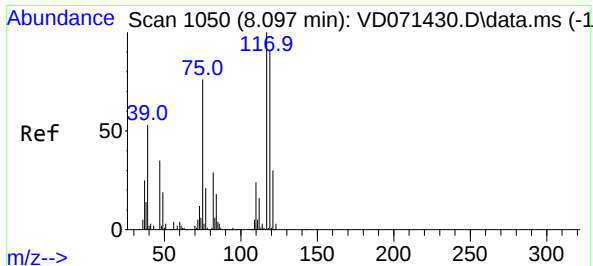
Tgt Ion:113 Resp: 147535
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 17.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.566 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 75 Resp: 19898
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.4#
77 0.0 24.8 37.2#

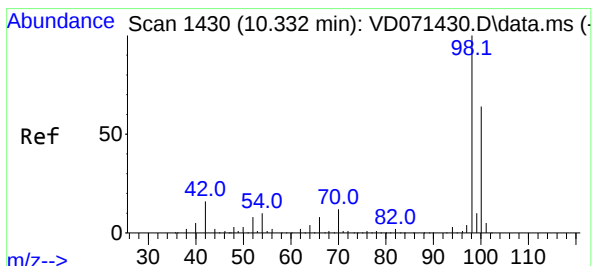
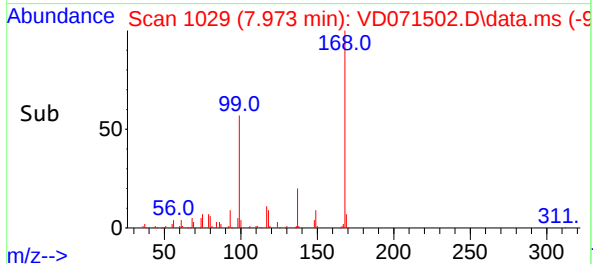
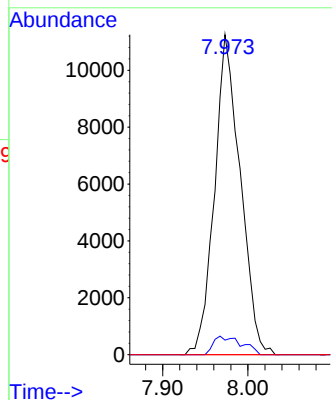
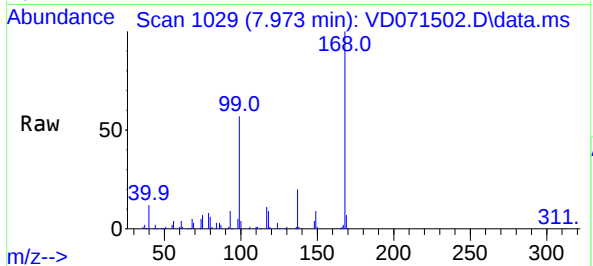




#38
Carbon Tetrachloride
Concen: 5.491 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

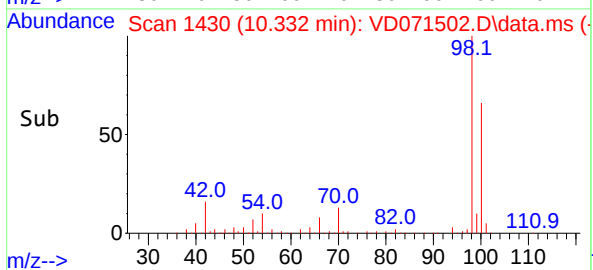
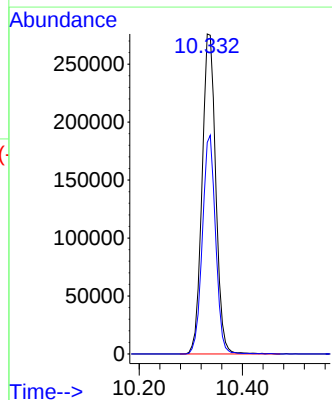
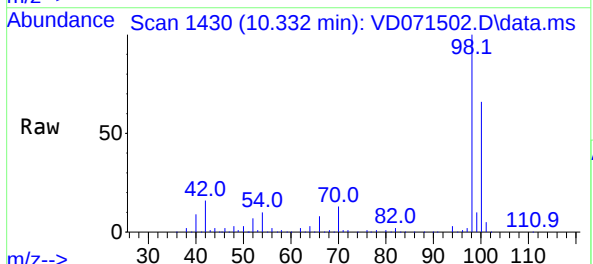
Instrument :
MSVOA_D
ClientSampleId :
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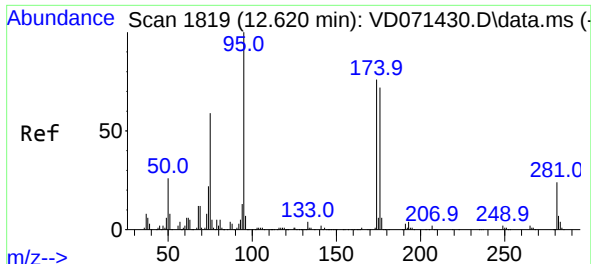
Tgt Ion:117 Resp: 23607
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.087 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 98 Resp: 505994
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6

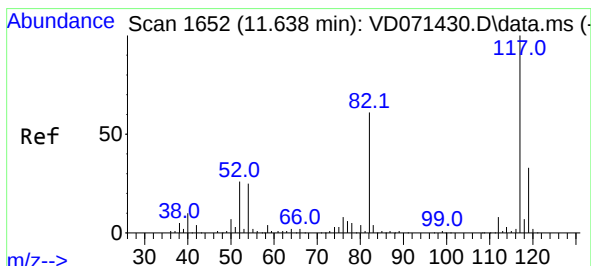
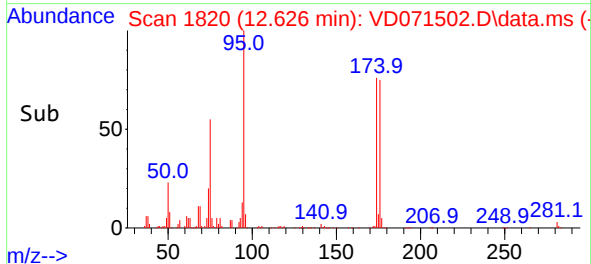
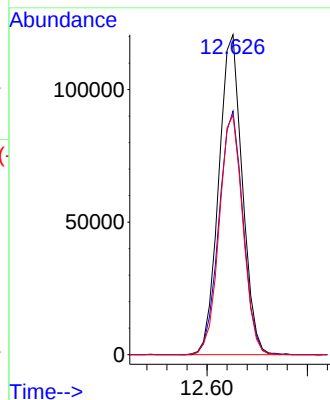
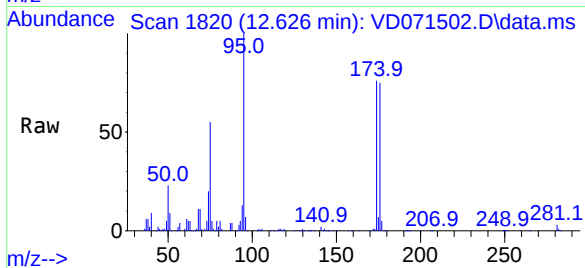




#62
4-Bromofluorobenzene
Concen: 53.692 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

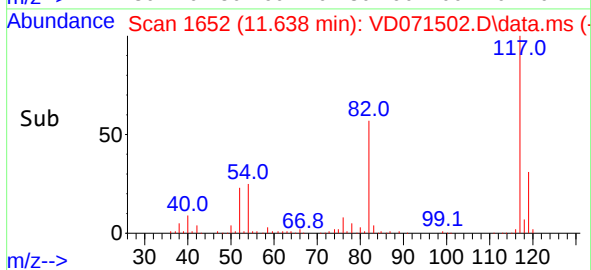
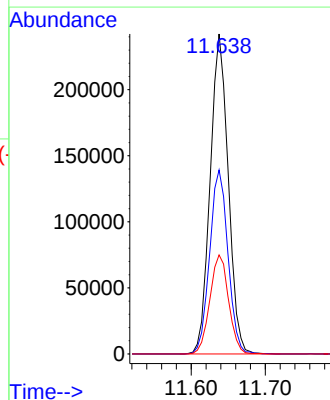
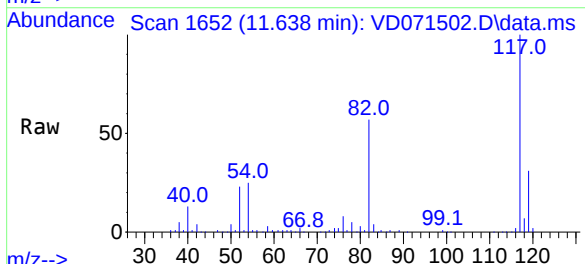
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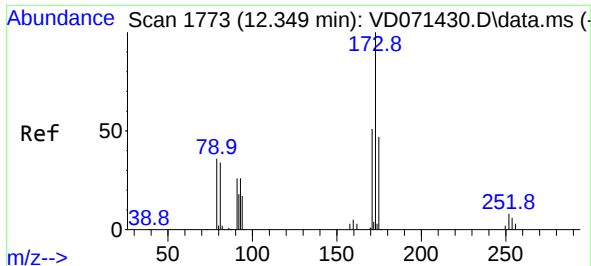
Tgt Ion: 95 Resp: 196674
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.4
176 74.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 117 Resp: 410073
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.0 26.2 39.4

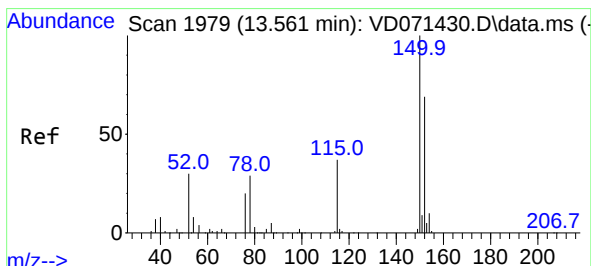
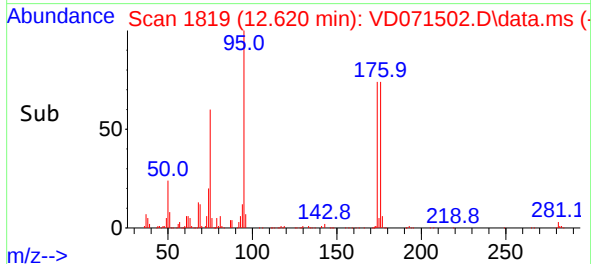
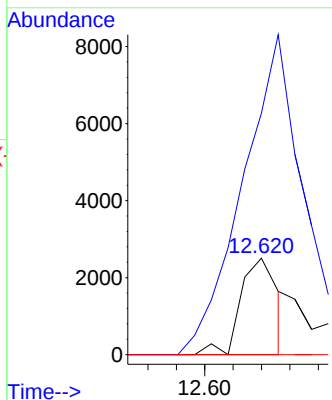
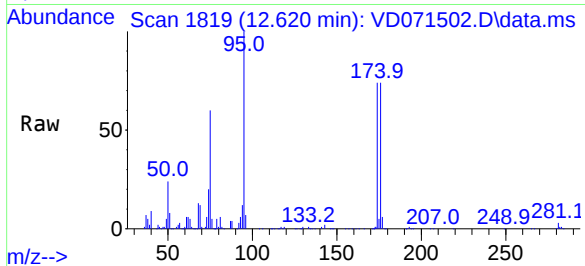




#71
Bromoform
Concen: 1.369 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

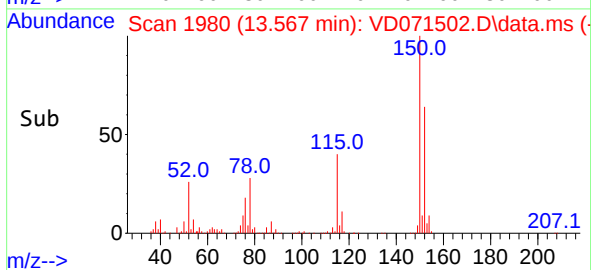
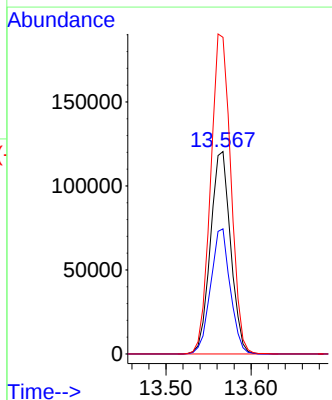
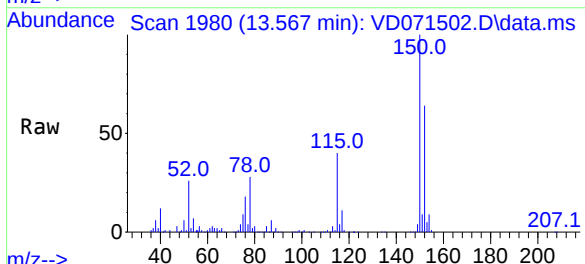
Instrument :
MSVOA_D
ClientSampleId :
SB-1

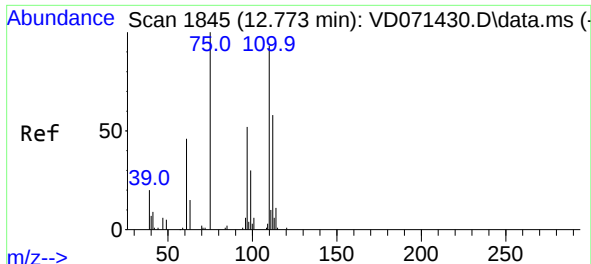
Tgt Ion:173 Resp: 2276
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion:152 Resp: 198294
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 158.3 0.0 349.2

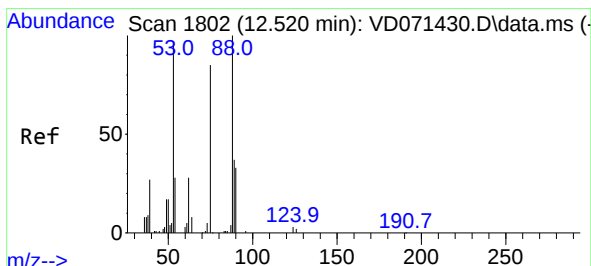
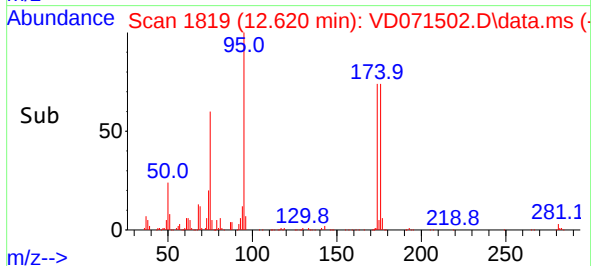
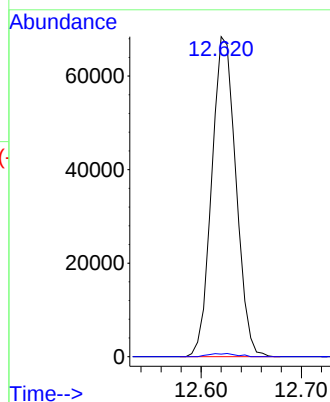
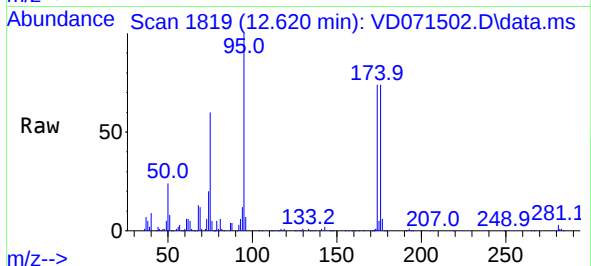




#76
1,2,3-Trichloropropane
Concen: 48.714 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion: 75 Resp: 114774
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.642 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071502.D
Acq: 28 Dec 2021 14:49

Tgt Ion: 75 Resp: 114774
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.1 34.5 51.7#

