

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071488.D
 Acq On : 27 Dec 2021 16:38
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 27 17:26:40 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)

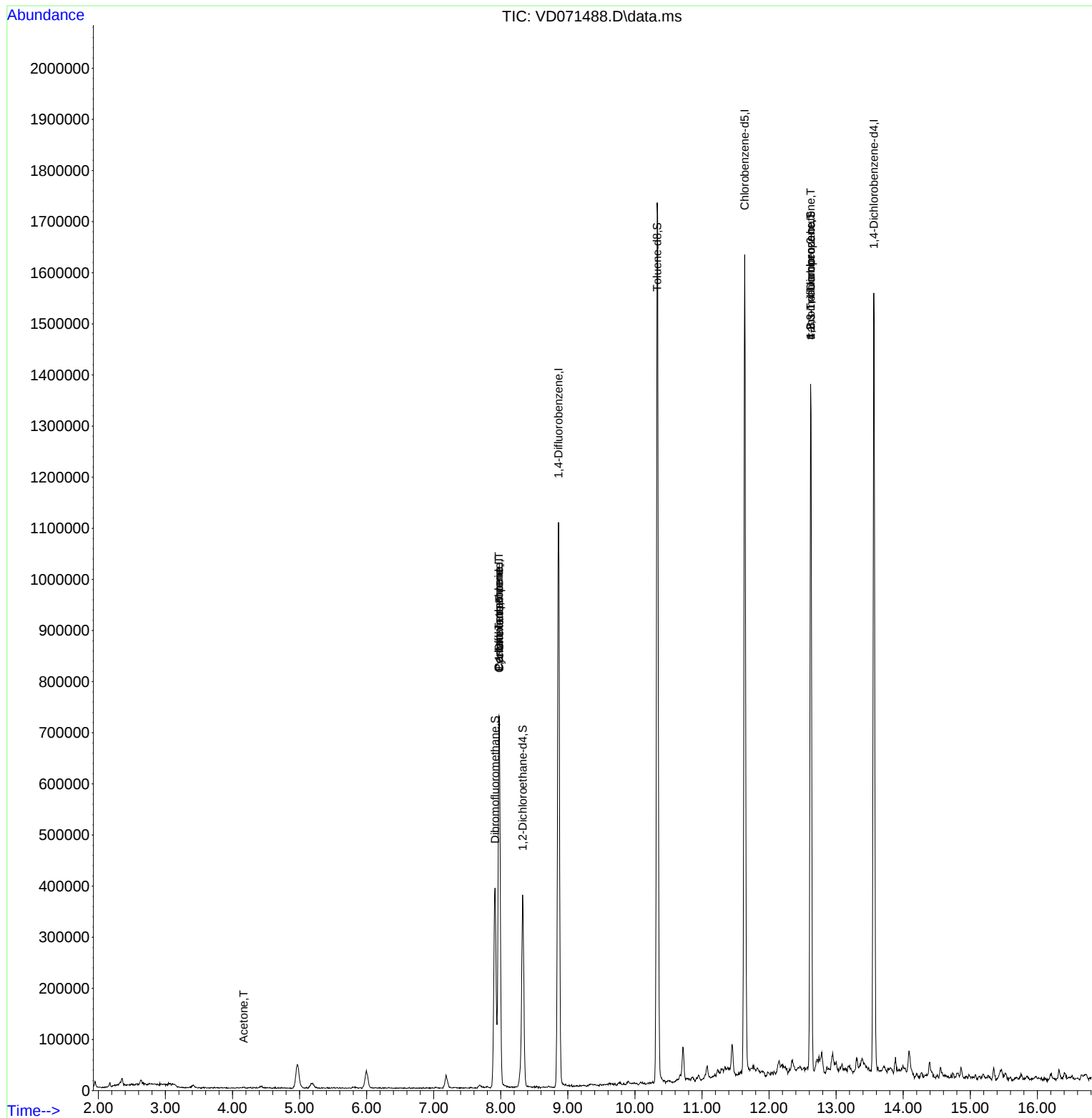
Internal Standards						
1) Pentafluorobenzene	7.973	168	516815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	913677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	842967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	375021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	289784	42.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.440%
35) Dibromofluoromethane	7.914	113	270886	44.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.220%
50) Toluene-d8	10.332	98	1135094	48.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.620	95	391666	47.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	6125	Below Cal	#	71
16) Acetone	4.167	43	3651	2.118	ug/l #	66
20) Methylene Chloride	4.967	84	33512	Below Cal		90
31) Cyclohexane	7.979	56	14149	1.213	ug/l #	7
36) 1,1-Dichloropropene	7.973	75	46164	4.706	ug/l #	48
38) Carbon Tetrachloride	7.973	117	54372	5.618	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	224249	50.326	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	224249	142.198	ug/l #	19

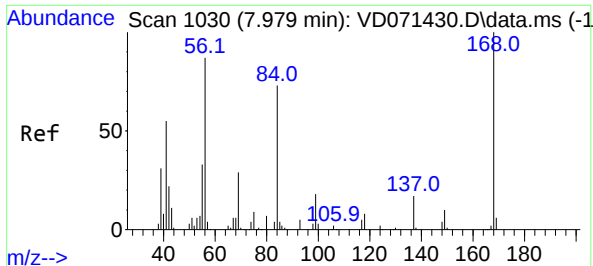
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

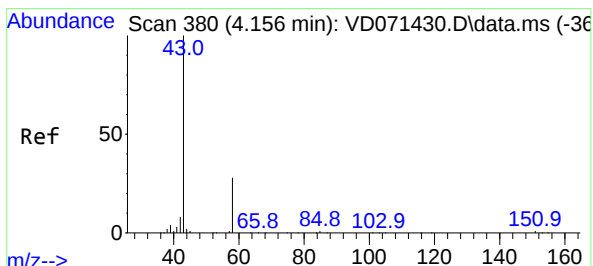
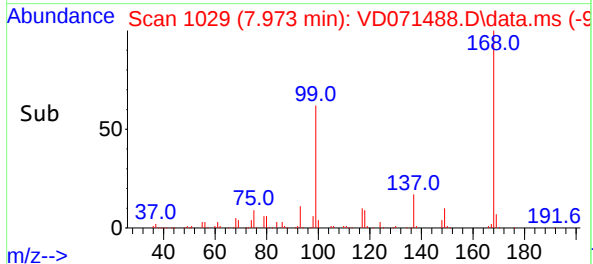
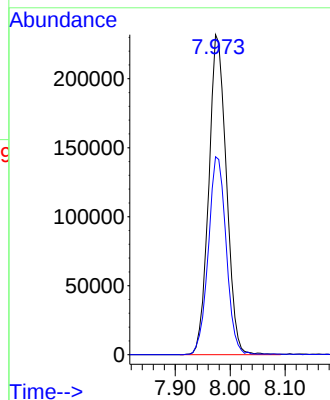
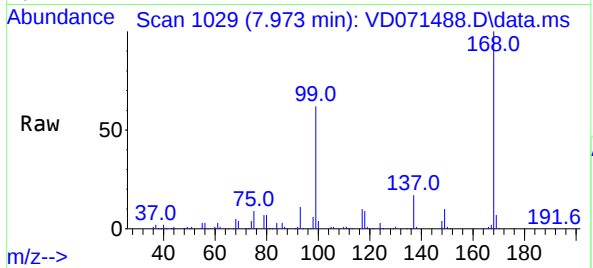




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

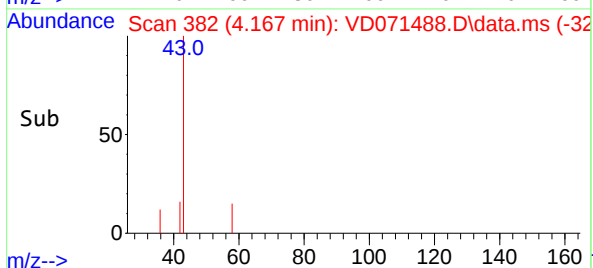
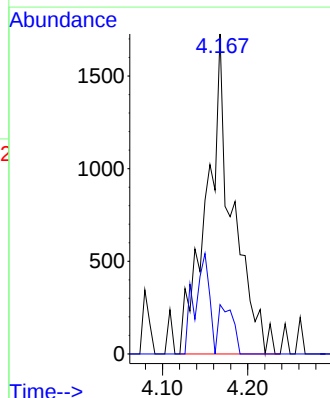
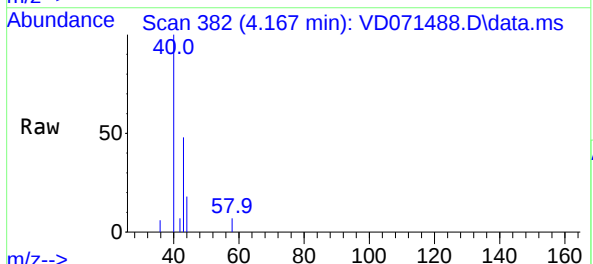
Instrument :
MSVOA_D
ClientSampleId :

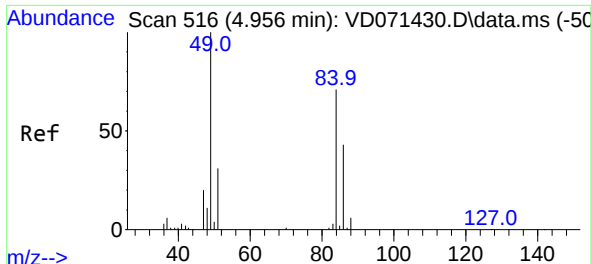
Tgt Ion:168 Resp: 516815
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#16
Acetone
Concen: 2.118 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

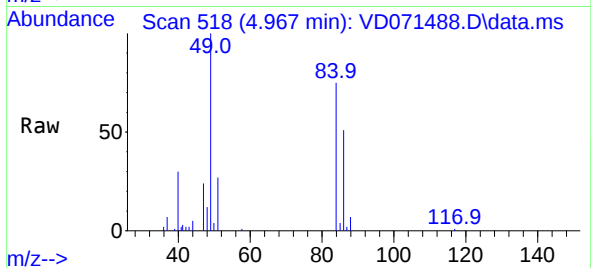
Tgt Ion: 43 Resp: 3651
Ion Ratio Lower Upper
43 100
58 15.4 27.8 41.8#





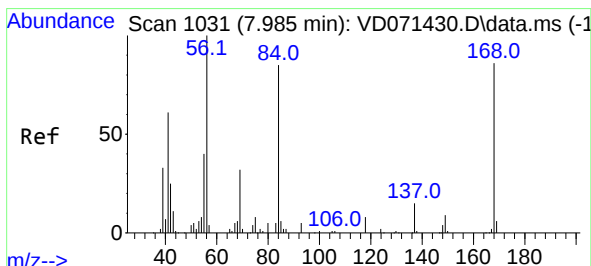
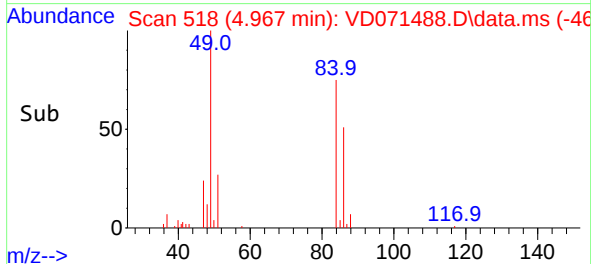
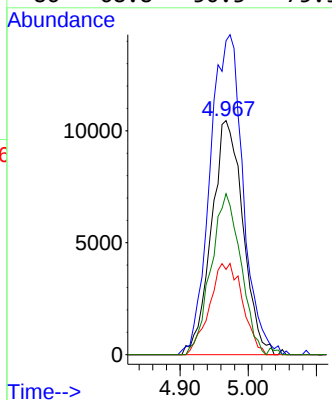
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 33512

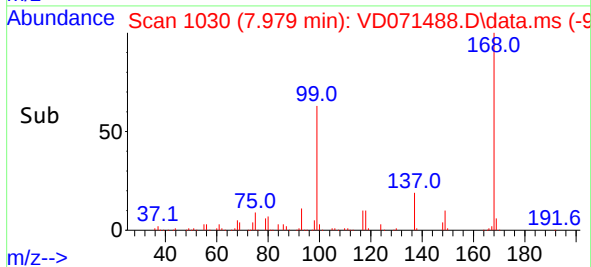
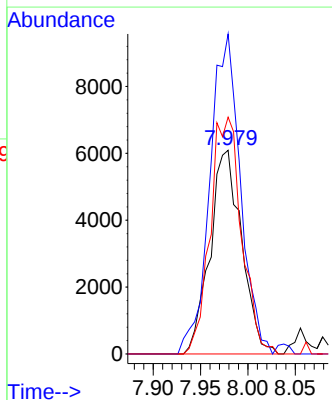
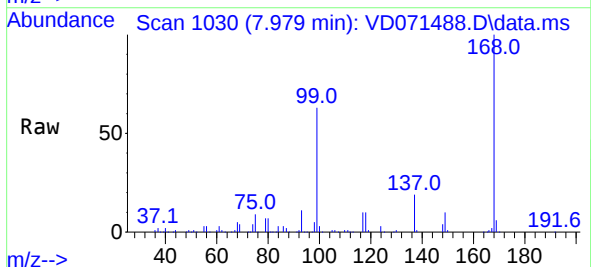
Ion	Ratio	Lower	Upper
84	100		
49	134.1	95.8	143.6
51	36.4	30.9	46.3
86	68.8	50.3	75.5

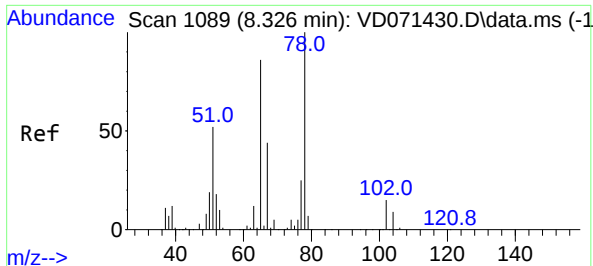


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

Tgt Ion: 56 Resp: 14149

Ion	Ratio	Lower	Upper
56	100		
69	157.1	25.9	38.9#
84	116.2	64.3	96.5#

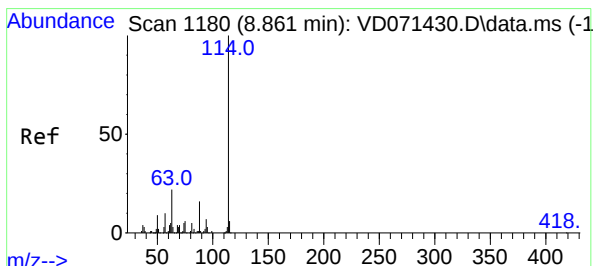
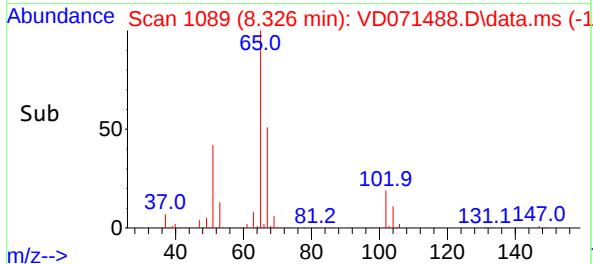
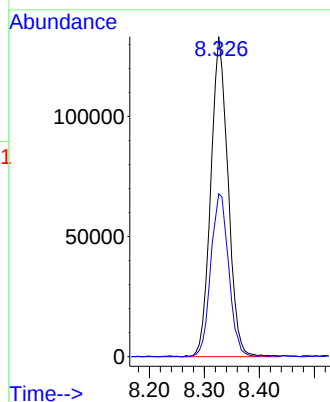
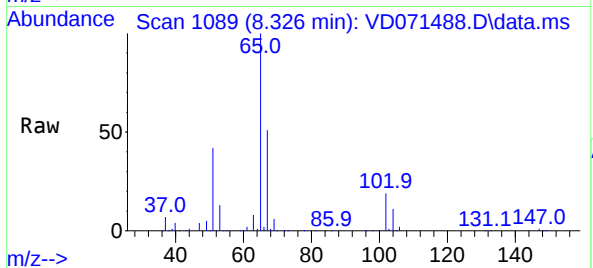




#33
1,2-Dichloroethane-d4
Concen: 42.219 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

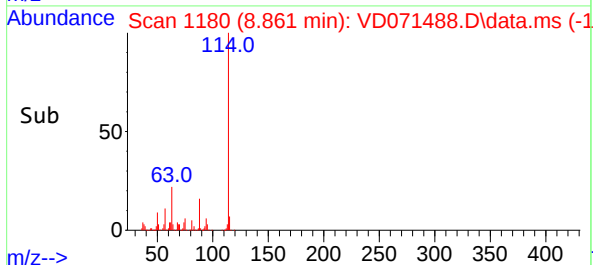
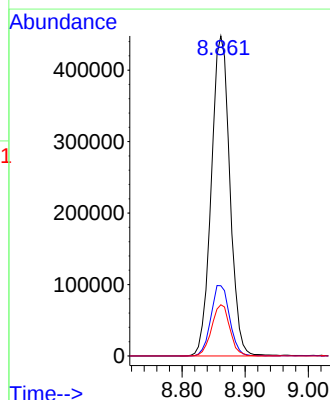
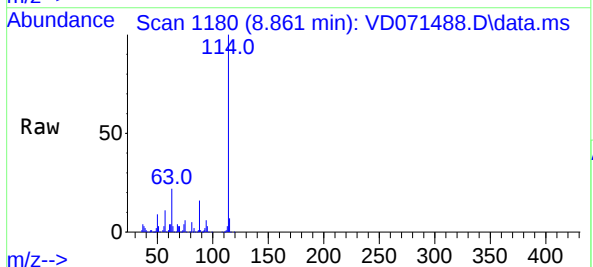
Instrument :
MSVOA_D
ClientSampleId :

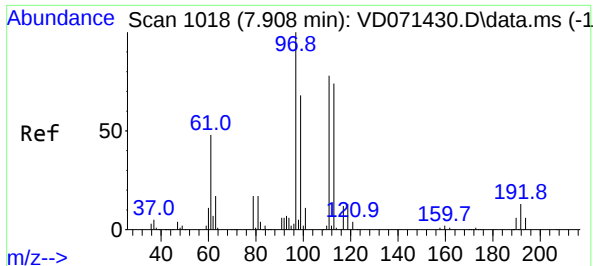
Tgt Ion: 65 Resp: 289784
Ion Ratio Lower Upper
65 100
67 52.8 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

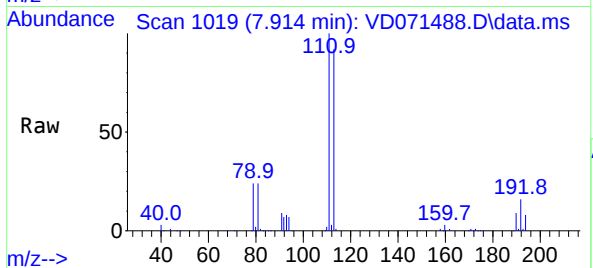
Tgt Ion: 114 Resp: 913677
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 16.0 0.0 32.8



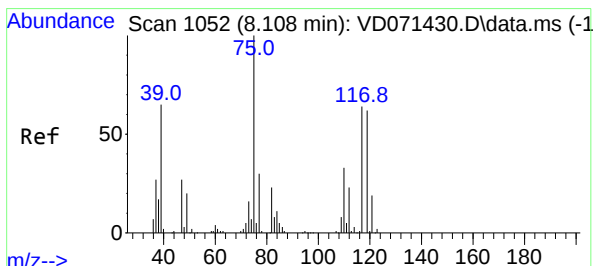
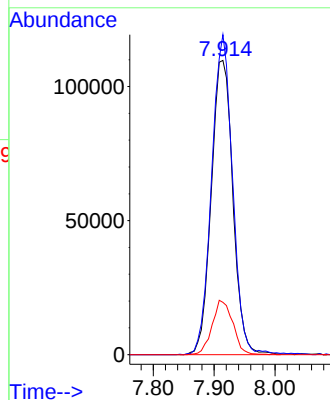
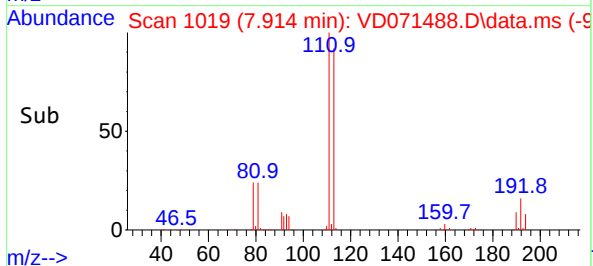


#35
Dibromofluoromethane
Concen: 44.114 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :

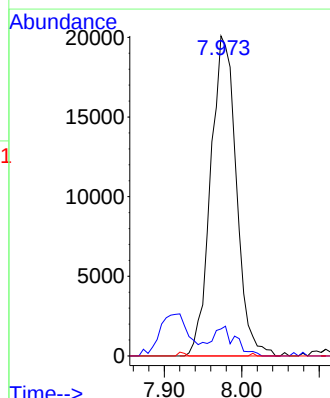
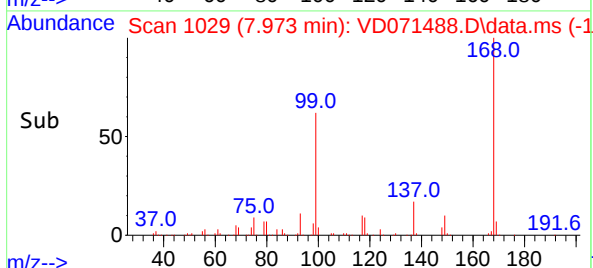
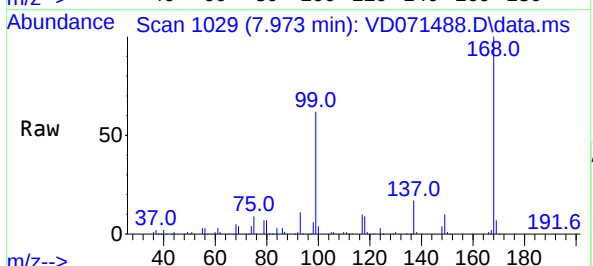


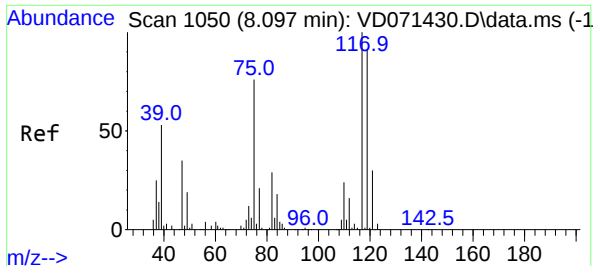
Tgt Ion:113 Resp: 270886
Ion Ratio Lower Upper
113 100
111 105.4 82.0 123.0
192 17.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.706 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

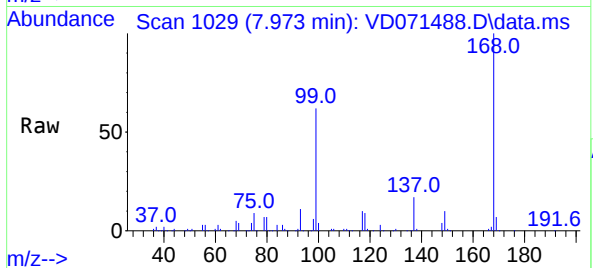
Tgt Ion: 75 Resp: 46164
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.4#
77 0.0 24.8 37.2#



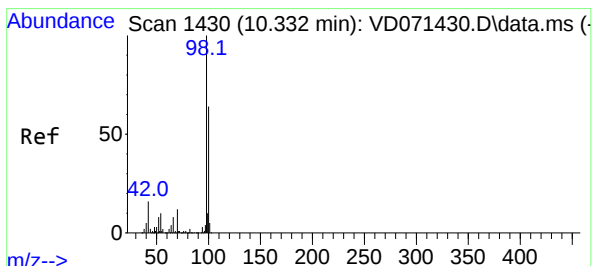
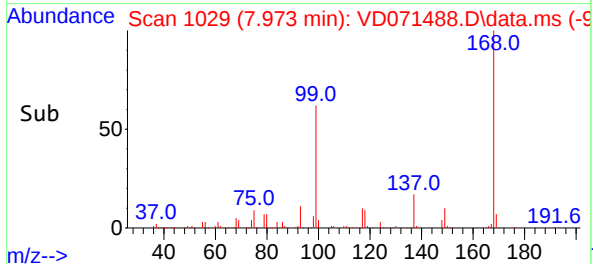
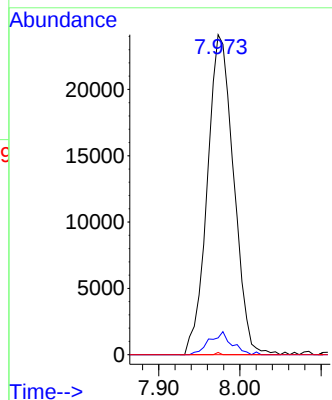


#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

Instrument :
MSVOA_D
ClientSampleId :

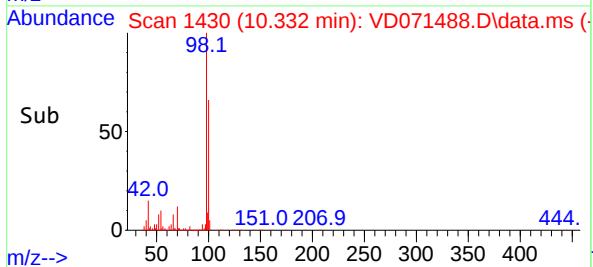
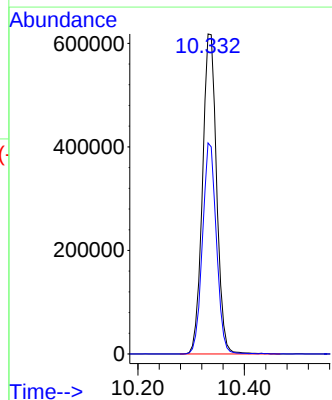
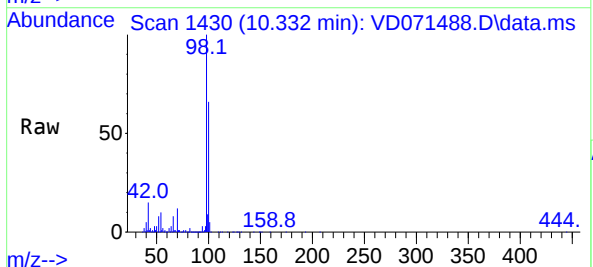


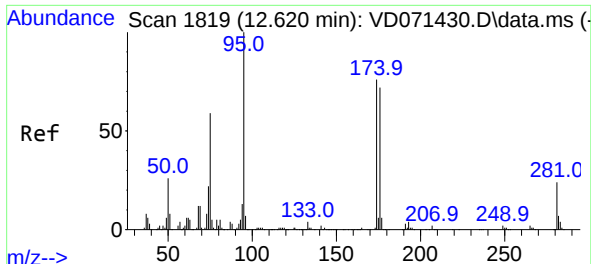
Tgt Ion:117 Resp: 54372
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.7 23.6 35.4#



#50
Toluene-d8
Concen: 48.915 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

Tgt Ion: 98 Resp: 1135094
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

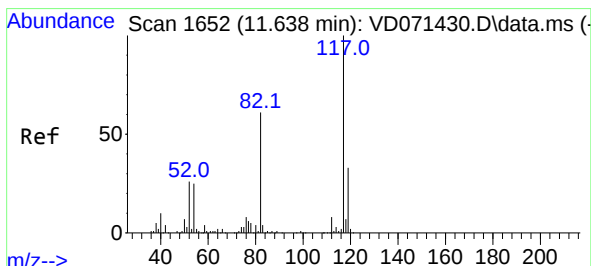
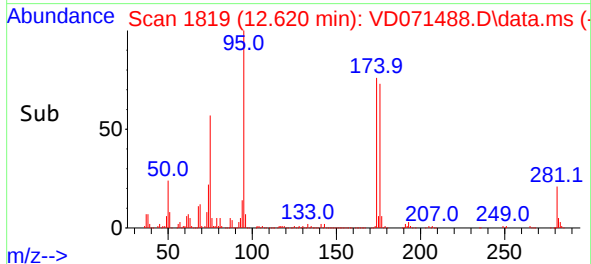
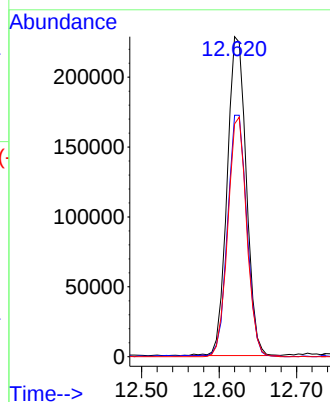
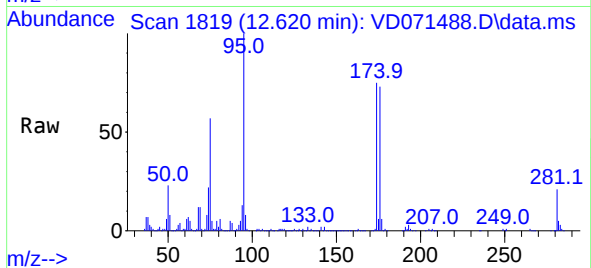




#62
4-Bromofluorobenzene
Concen: 47.497 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

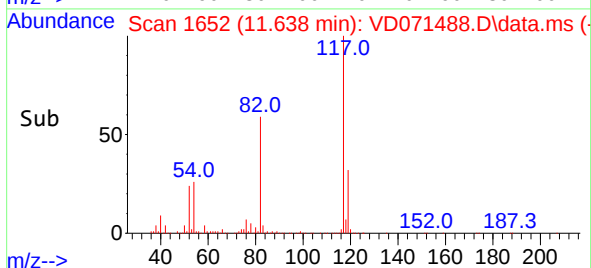
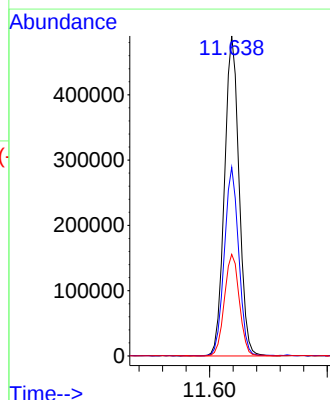
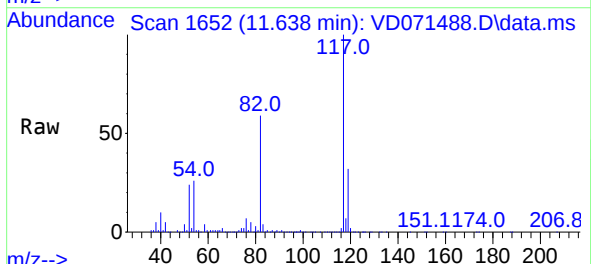
Instrument :
MSVOA_D
ClientSampleId :

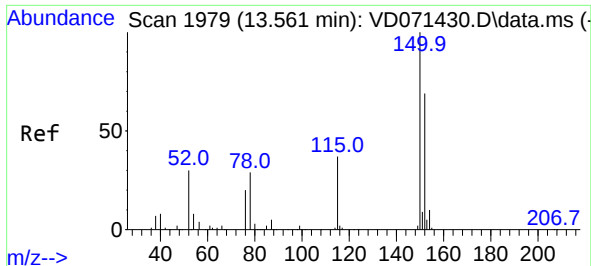
Tgt Ion: 95 Resp: 391666
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 74.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071488.D
Acq: 27 Dec 2021 16:38

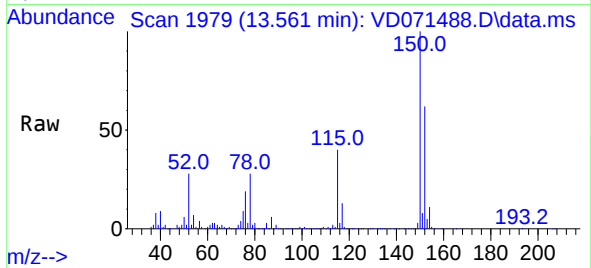
Tgt Ion: 117 Resp: 842967
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 31.7 26.2 39.4



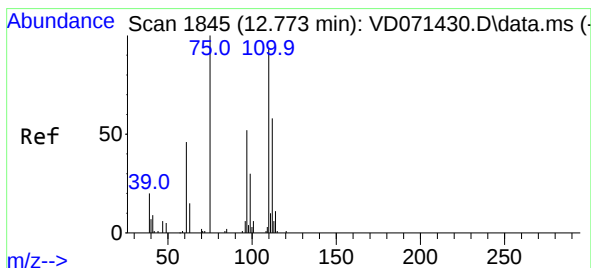
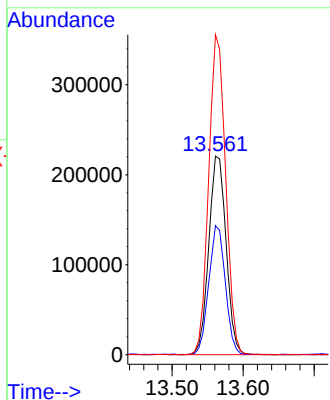
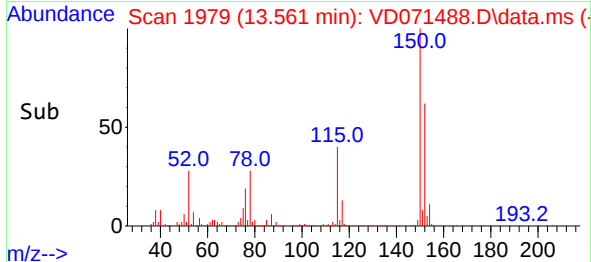


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD071488.D
 Acq: 27 Dec 2021 16:38

Instrument :
 MSVOA_D
 ClientSampleId :

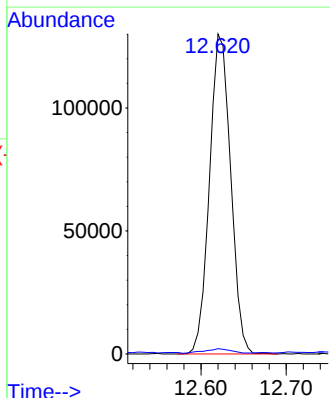
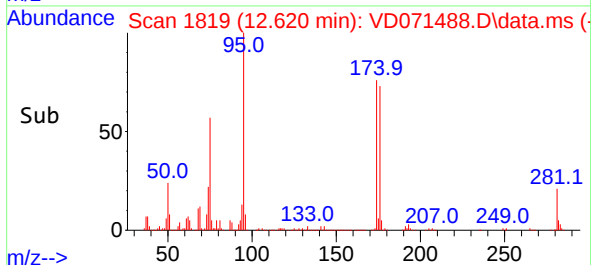
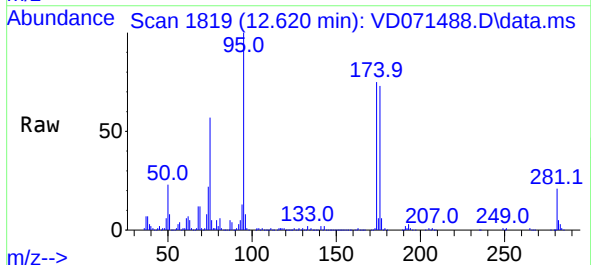


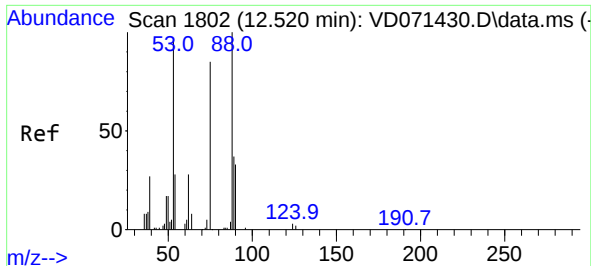
Tgt Ion:152 Resp: 375021
 Ion Ratio Lower Upper
 152 100
 115 61.9 29.8 89.3
 150 157.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 50.326 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071488.D
 Acq: 27 Dec 2021 16:38

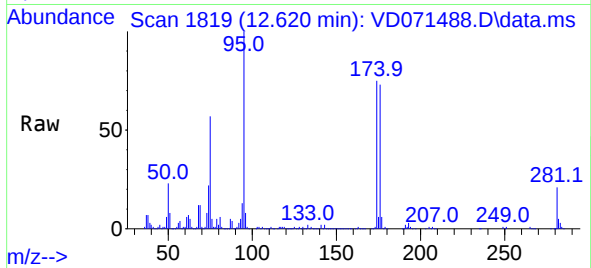
Tgt Ion: 75 Resp: 224249
 Ion Ratio Lower Upper
 75 100
 77 1.7 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.198 ug/l
 RT: 12.620 min Scan# 1802
 Delta R.T. 0.100 min
 Lab File: VD071488.D
 Acq: 27 Dec 2021 16:38

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 224249
 Ion Ratio Lower Upper
 75 100
 53 0.3 62.6 94.0#
 89 0.3 34.5 51.7#

