

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071510.D
 Acq On : 28 Dec 2021 18:32
 Operator : VA/SY
 Sample : M5236-01
 Misc : 6.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Dec 28 19:27:30 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)

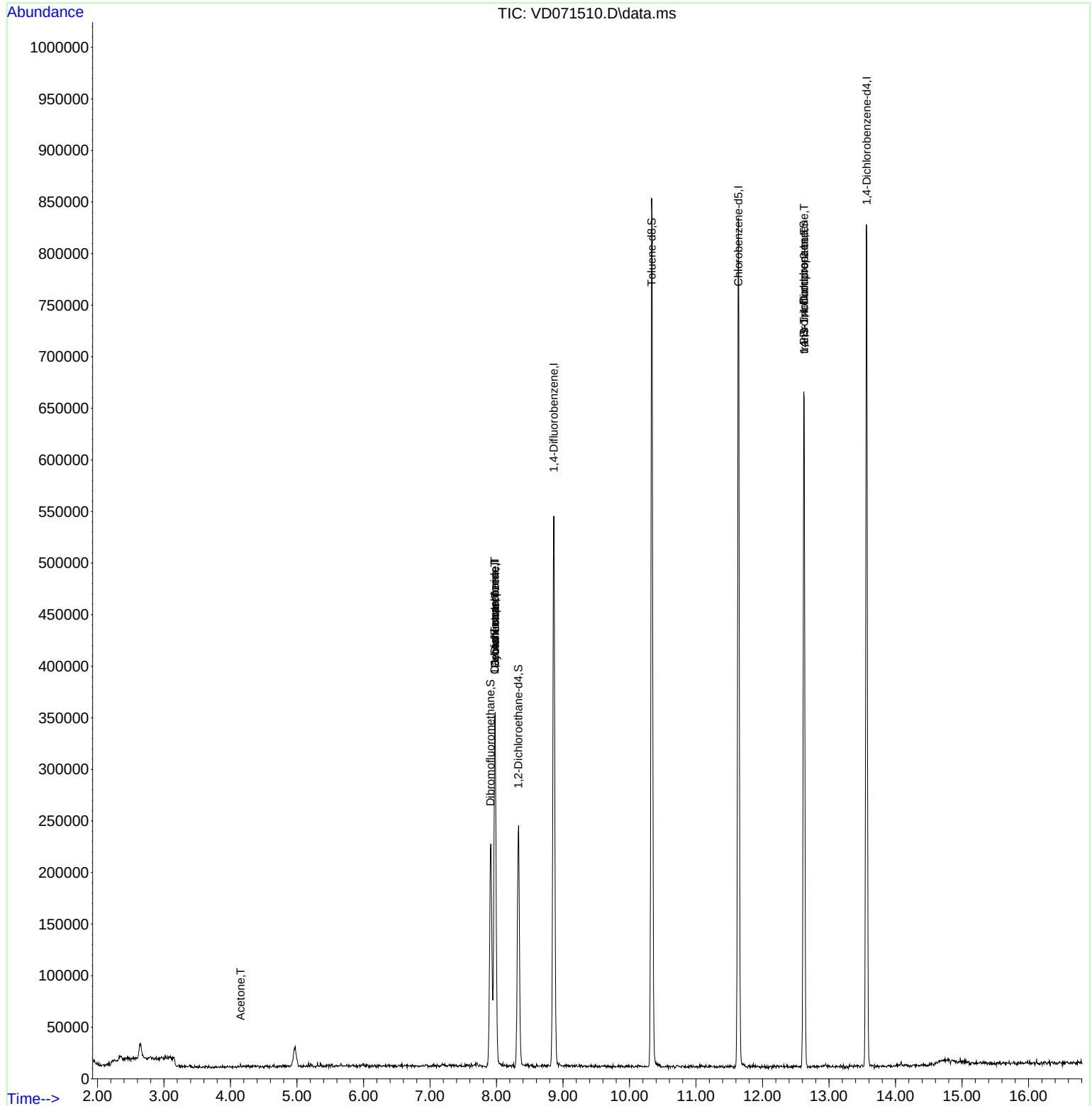
Internal Standards						
1) Pentafluorobenzene	7.979	168	238832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	428761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	425819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	201073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183962	57.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.000%	
35) Dibromofluoromethane	7.909	113	147909	51.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.660%	
50) Toluene-d8	10.332	98	550573	50.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.620	95	201090	51.966	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	63	Below Cal	#	71
16) Acetone	4.150	43	2605	3.270	ug/l #	85
20) Methylene Chloride	4.962	84	12807	Below Cal	#	84
31) Cyclohexane	7.979	56	6977	1.295	ug/l #	24
36) 1,1-Dichloropropene	7.973	75	22232	4.829	ug/l #	52
38) Carbon Tetrachloride	7.973	117	26062	5.738	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	116917	48.937	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	116917	138.274	ug/l #	18

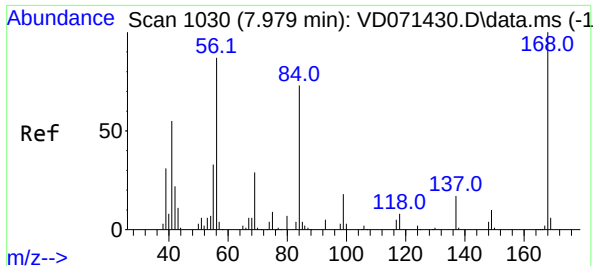
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

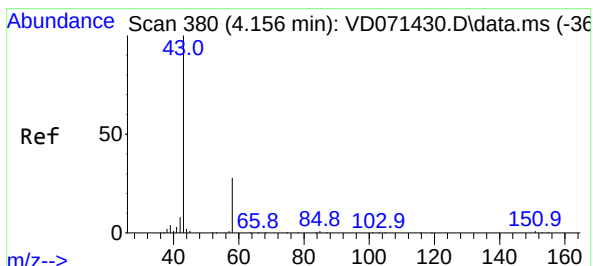
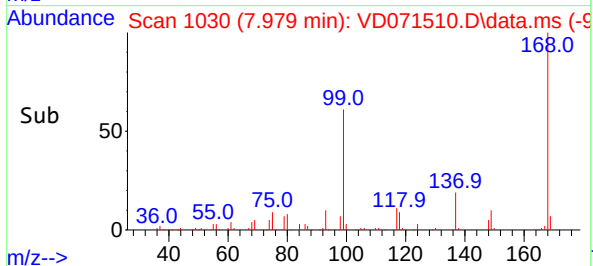
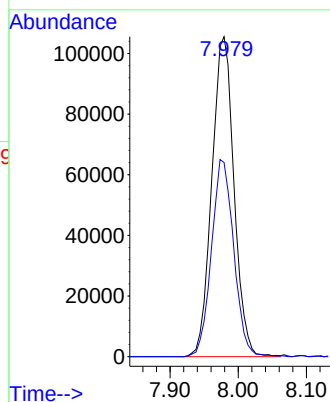
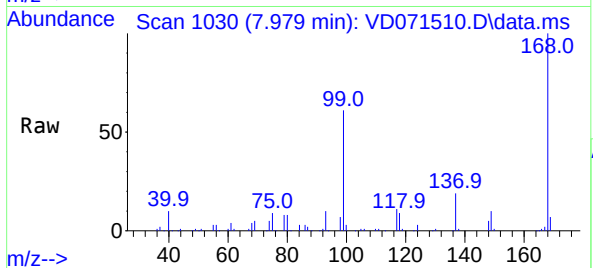




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

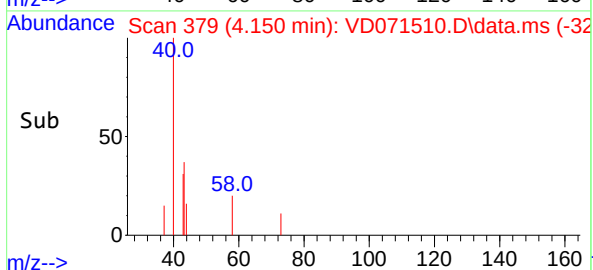
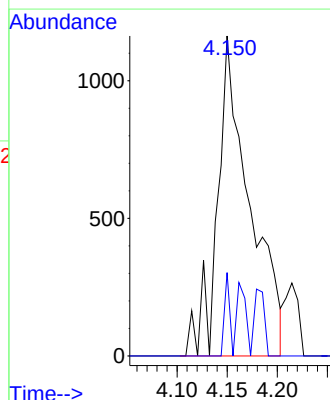
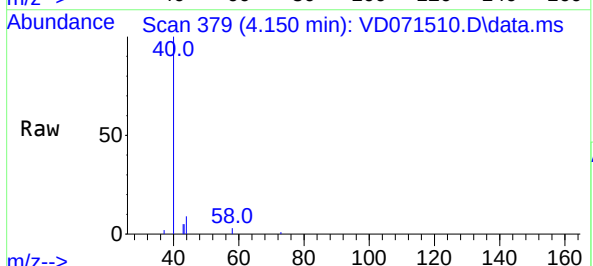
Instrument :
MSVOA_D
ClientSampleId :
SB-1

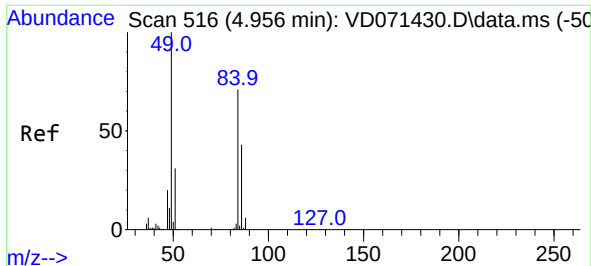
Tgt Ion:168 Resp: 238832
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8



#16
Acetone
Concen: 3.270 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

Tgt Ion: 43 Resp: 2605
Ion Ratio Lower Upper
43 100
58 26.1 27.8 41.8#



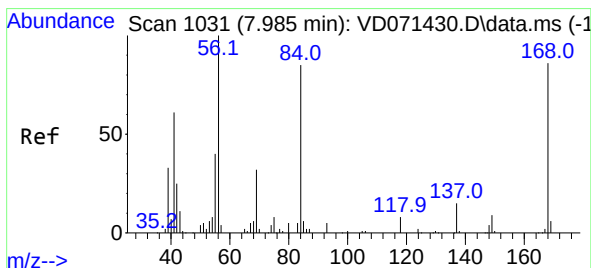
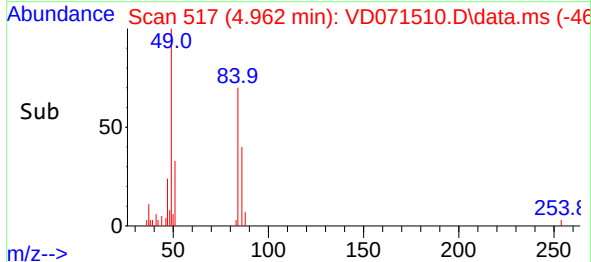
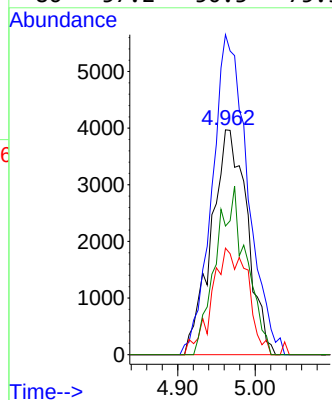
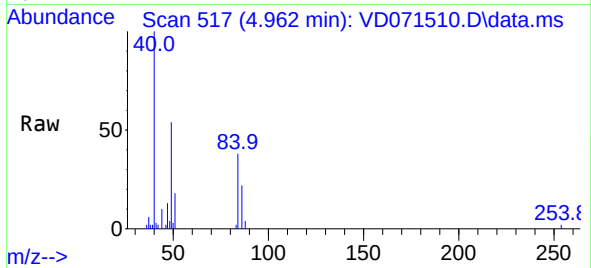


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

Instrument :
MSVOA_D
ClientSampleId :
SB-1

Tgt Ion: 84 Resp: 12807

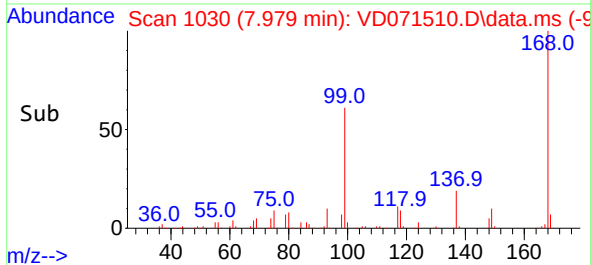
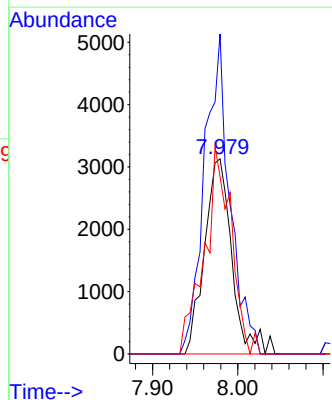
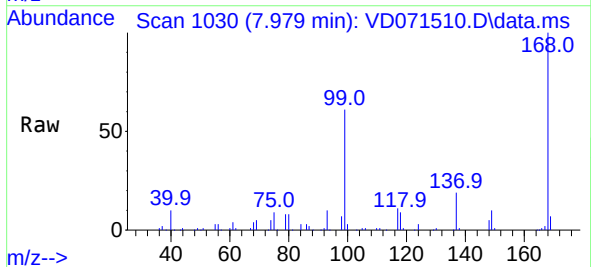
Ion	Ratio	Lower	Upper
84	100		
49	142.3	95.8	143.6
51	47.4	30.9	46.3
86	57.2	50.3	75.5

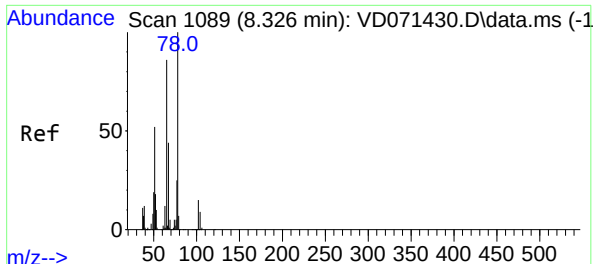


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

Tgt Ion: 56 Resp: 6977

Ion	Ratio	Lower	Upper
56	100		
69	163.9	25.9	38.9
84	90.9	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 57.997 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071510.D

Acq: 28 Dec 2021 18:32

Instrument :

MSVOA_D

ClientSampleId :

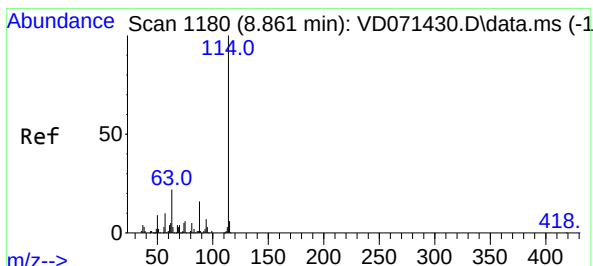
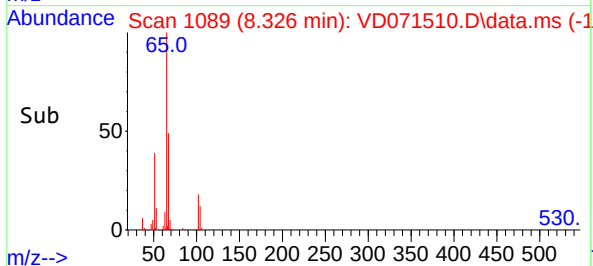
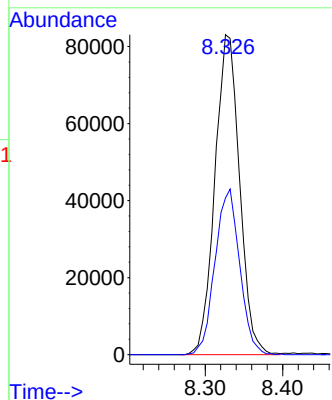
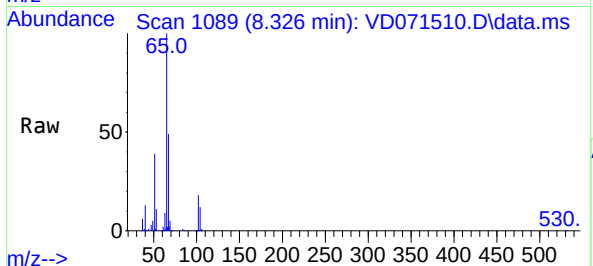
SB-1

Tgt Ion: 65 Resp: 183962

Ion Ratio Lower Upper

65 100

67 51.7 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: VD071510.D

Acq: 28 Dec 2021 18:32

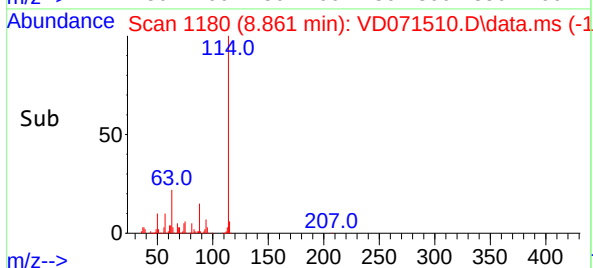
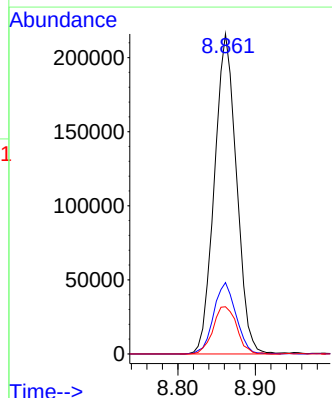
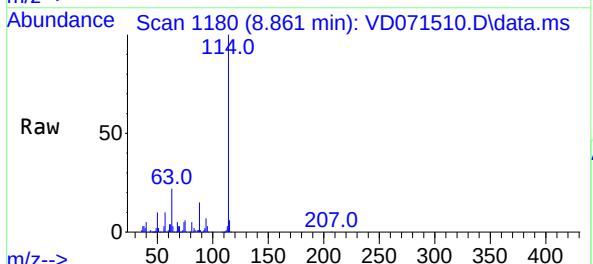
Tgt Ion: 114 Resp: 428761

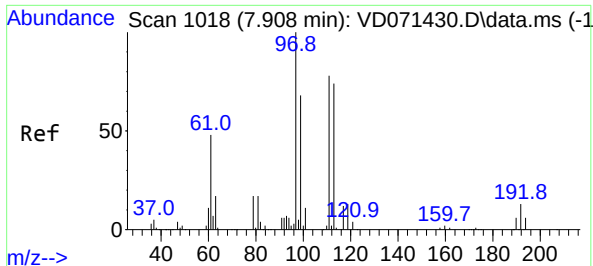
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 14.7 0.0 32.8

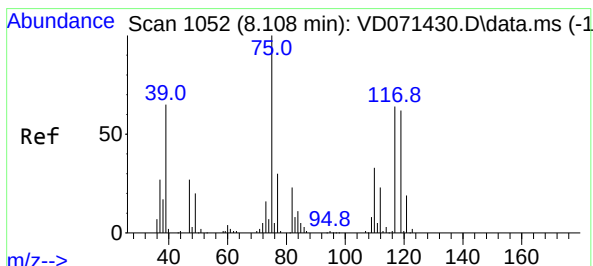
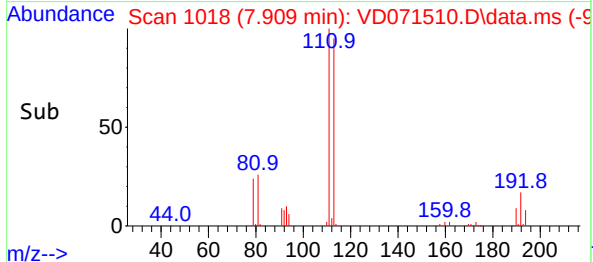
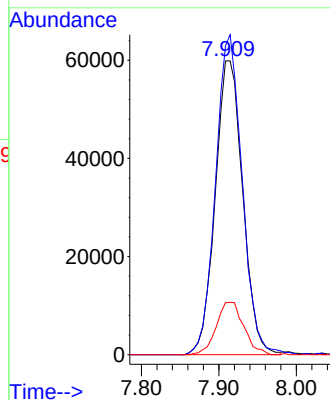
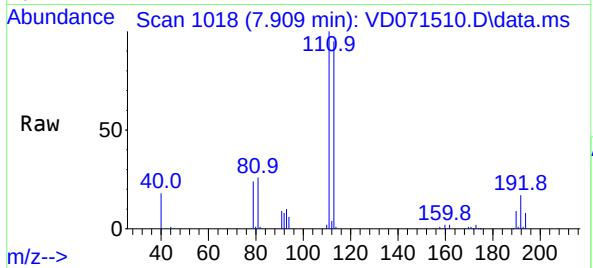




#35
Dibromofluoromethane
Concen: 51.329 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

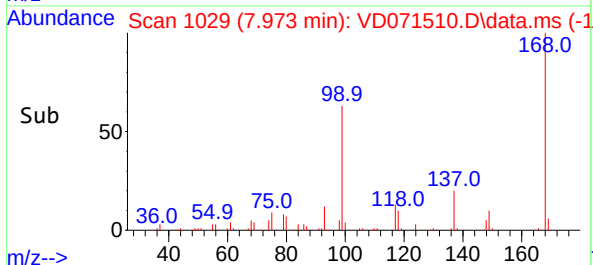
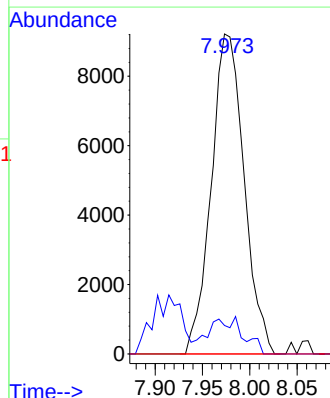
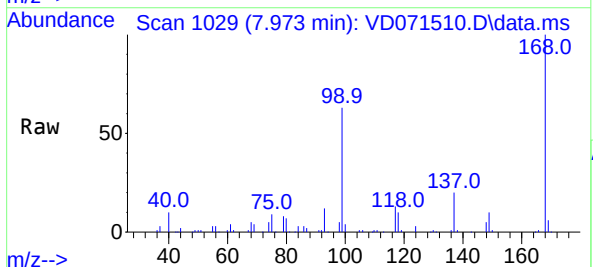
Instrument :
MSVOA_D
ClientSampleId :
SB-1

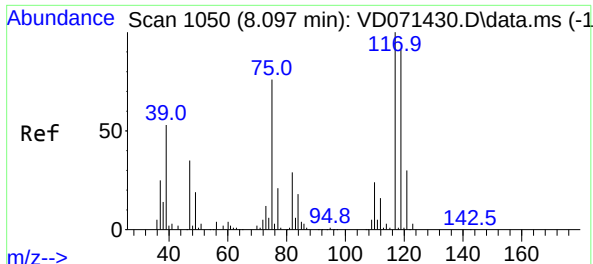
Tgt Ion:113 Resp: 147909
Ion Ratio Lower Upper
113 100
111 105.3 82.0 123.0
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.829 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

Tgt Ion: 75 Resp: 22232
Ion Ratio Lower Upper
75 100
110 11.6 17.8 53.4#
77 0.0 24.8 37.2#

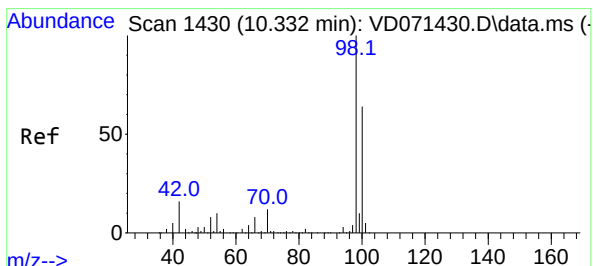
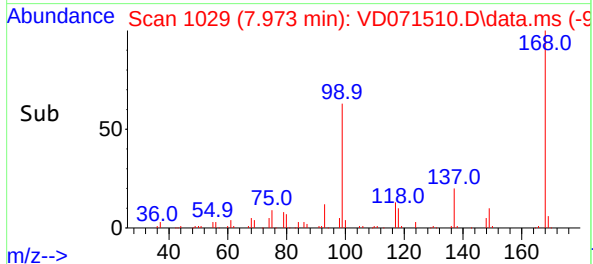
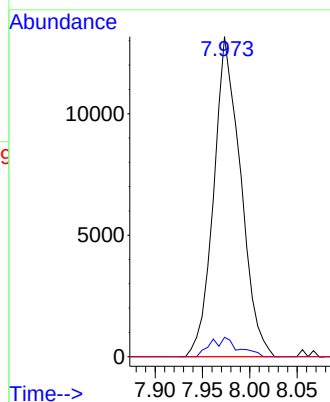
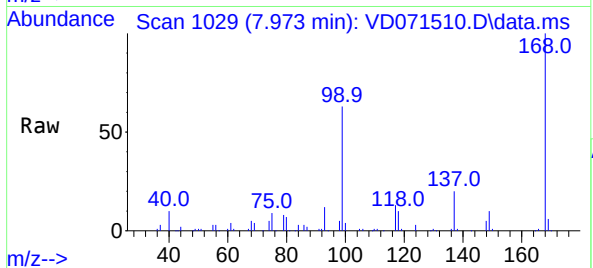




#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

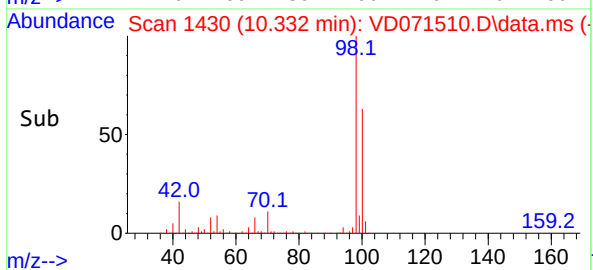
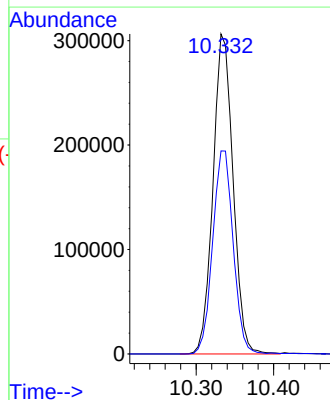
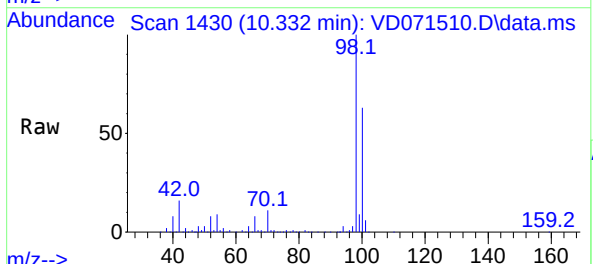
Instrument :
MSVOA_D
ClientSampleId :
SB-1

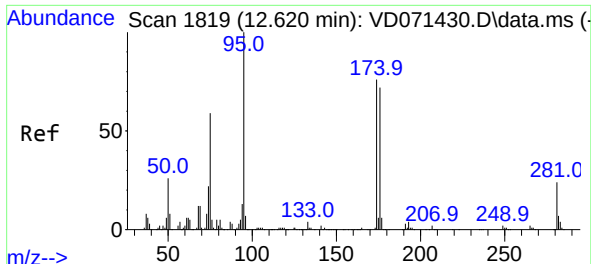
Tgt Ion:117 Resp: 26062
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 50.559 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

Tgt Ion: 98 Resp: 550573
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

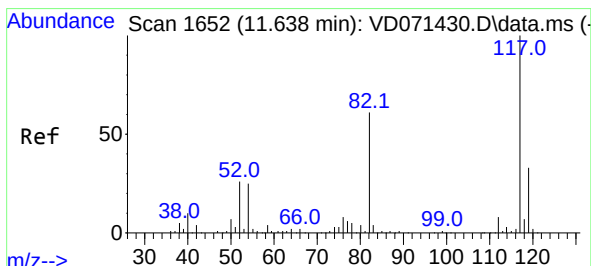
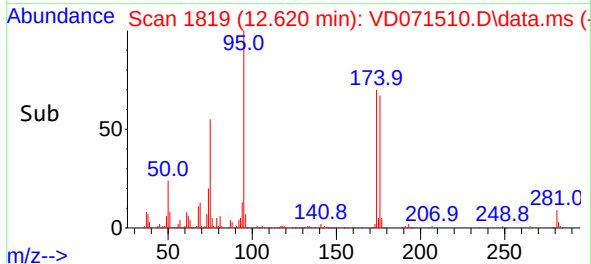
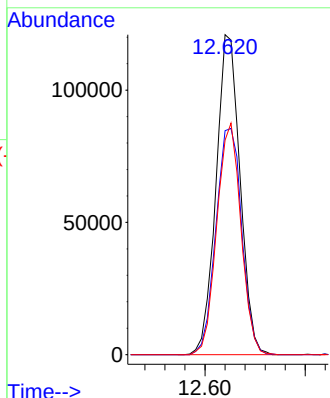
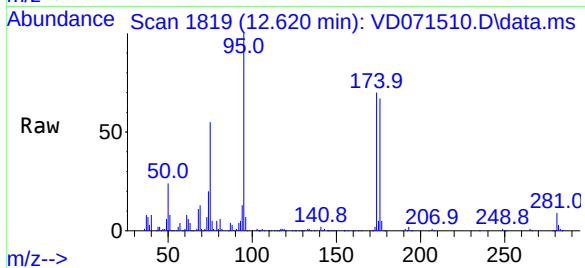




#62
4-Bromofluorobenzene
Concen: 51.966 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

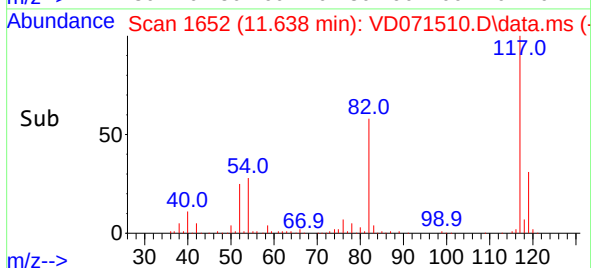
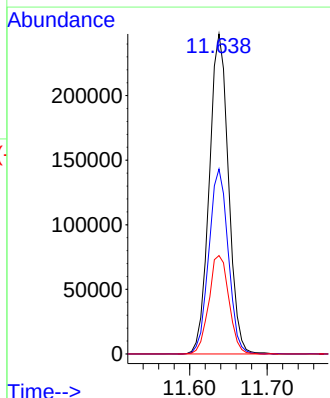
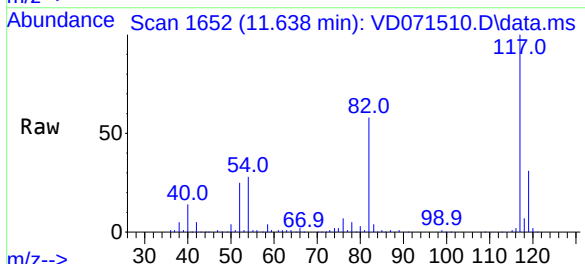
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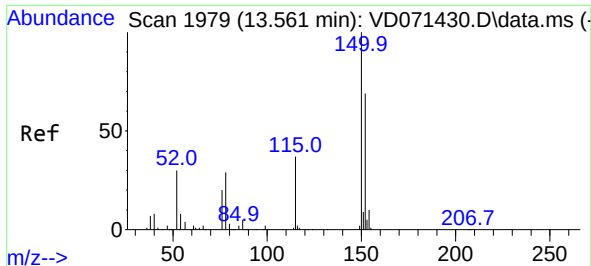
Tgt Ion: 95 Resp: 201090
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 72.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

Tgt Ion: 117 Resp: 425819
Ion Ratio Lower Upper
117 100
82 57.8 44.7 67.1
119 30.8 26.2 39.4

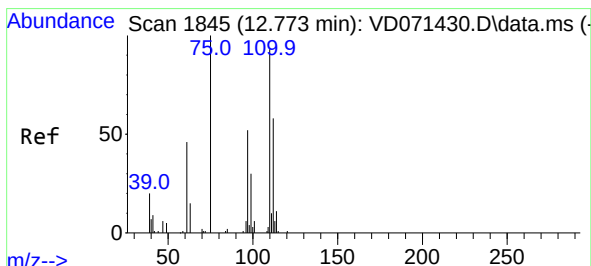
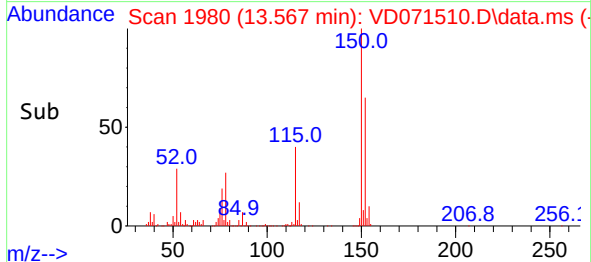
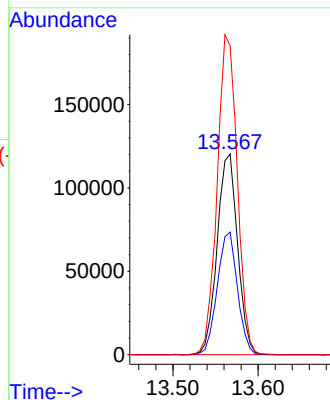
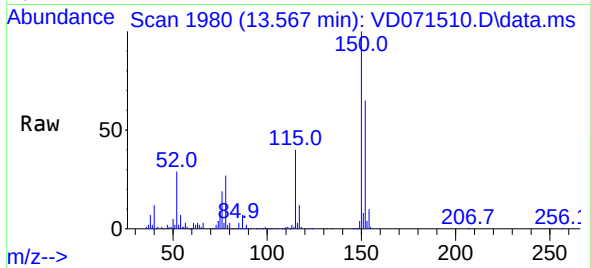




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

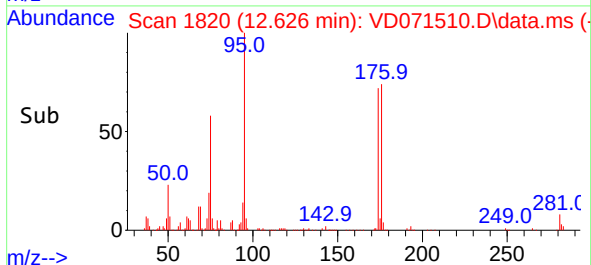
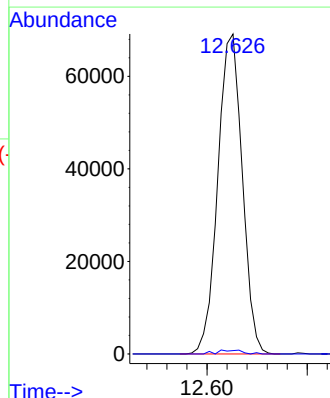
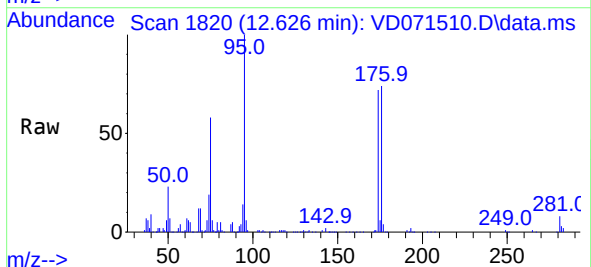
Instrument :
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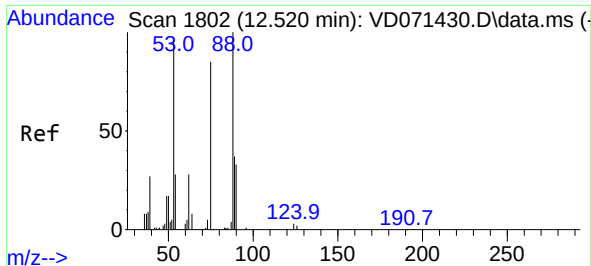
Tgt Ion:152 Resp: 201073
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 156.3 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 48.937 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071510.D
Acq: 28 Dec 2021 18:32

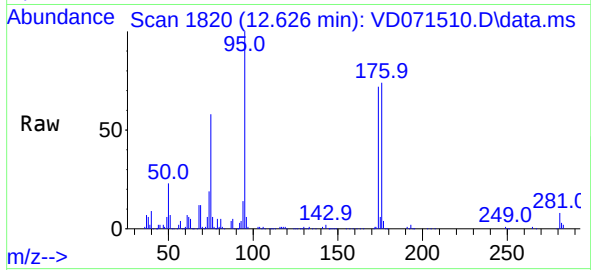
Tgt Ion: 75 Resp: 116917
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.274 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071510.D
 Acq: 28 Dec 2021 18:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1



Tgt Ion: 75 Resp: 116917

Ion	Ratio	Lower	Upper
75	100		
53	0.2	62.6	94.0#
89	0.2	34.5	51.7#

