

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071486.D
 Acq On : 27 Dec 2021 15:43
 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 16:49:33 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)

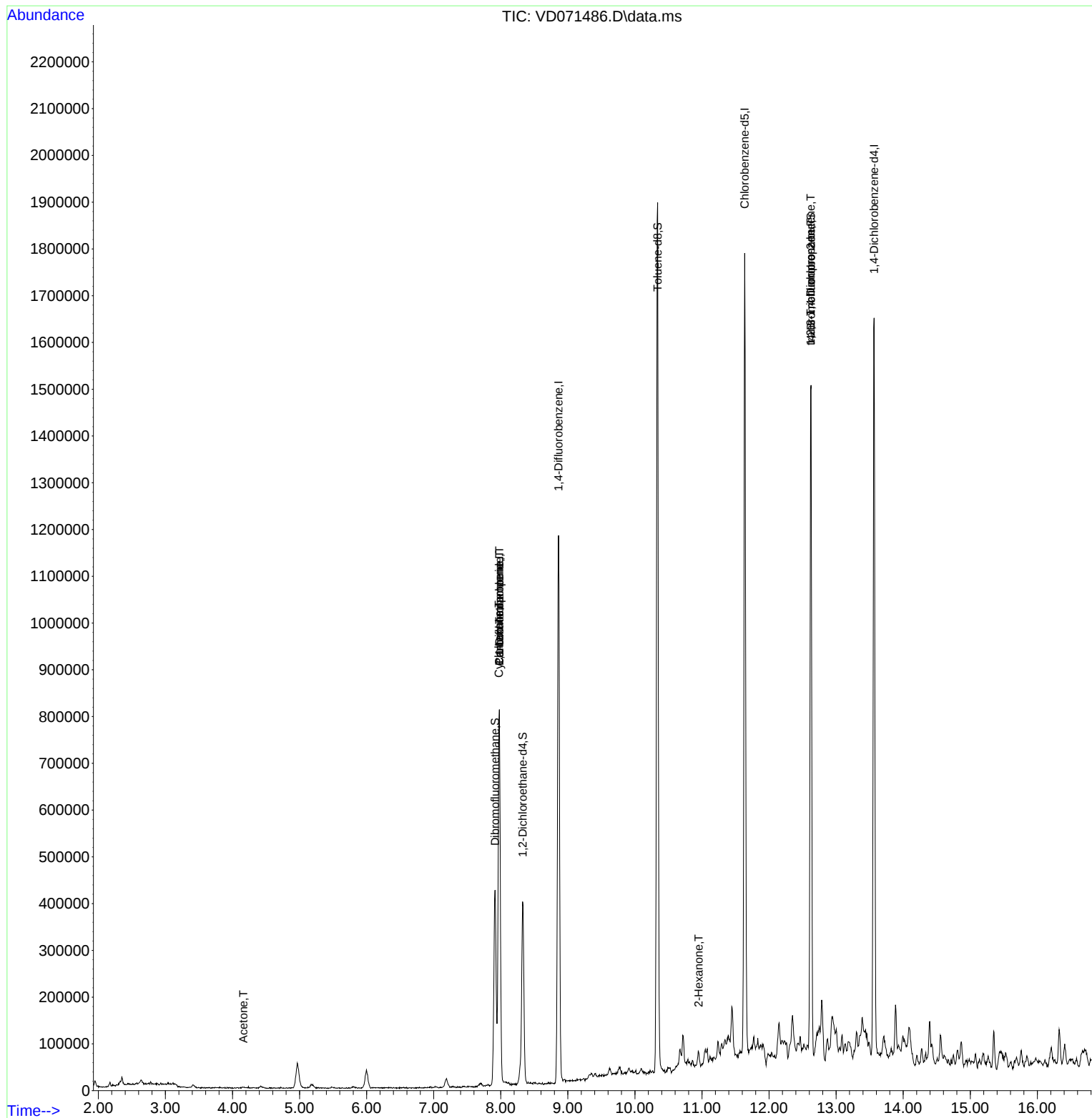
Internal Standards						
1) Pentafluorobenzene	7.979	168	557784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	959517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	883626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	399727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	315474	42.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.180%
35) Dibromofluoromethane	7.914	113	293033	45.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.338	98	1206890	49.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.626	95	416469	48.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.173	59	4263	Below Cal	#	77
16) Acetone	4.162	43	3669	1.972	ug/l #	67
20) Methylene Chloride	4.967	84	35923	Below Cal	#	95
31) Cyclohexane	7.973	56	16868	1.340	ug/l #	37
36) 1,1-Dichloropropene	7.979	75	50469	4.899	ug/l #	50
38) Carbon Tetrachloride	7.979	117	63502	6.247	ug/l #	17
59) 2-Hexanone	10.949	43	14287	4.070	ug/l #	24
76) 1,2,3-Trichloropropane	12.620	75	244821	51.547	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	244821	145.647	ug/l #	19

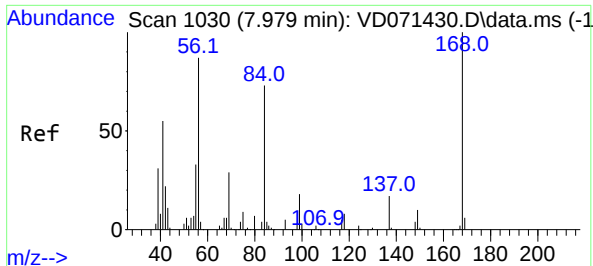
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071486.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 27 16:49:33 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

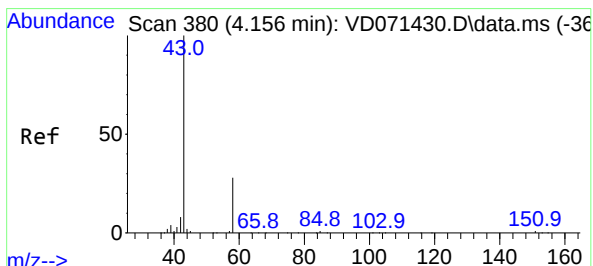
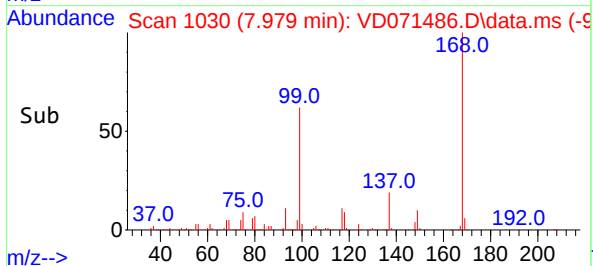
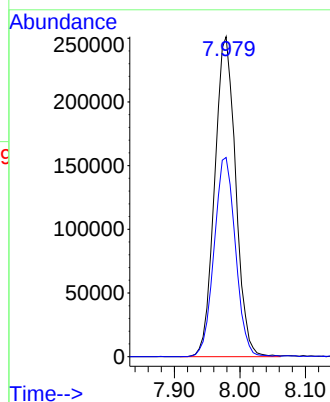
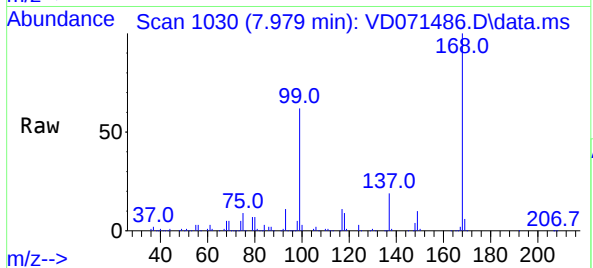




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

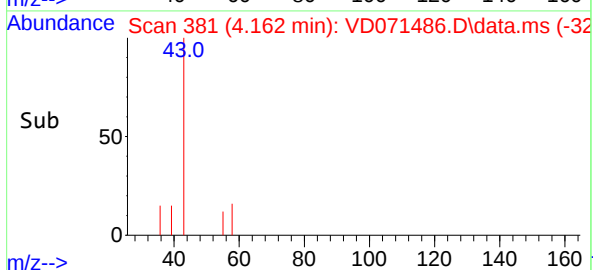
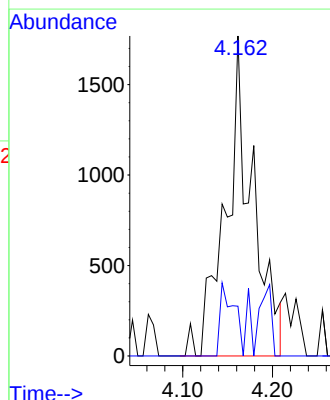
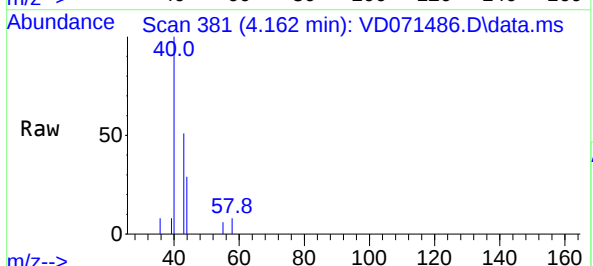
Instrument :
MSVOA_D
ClientSampleId :

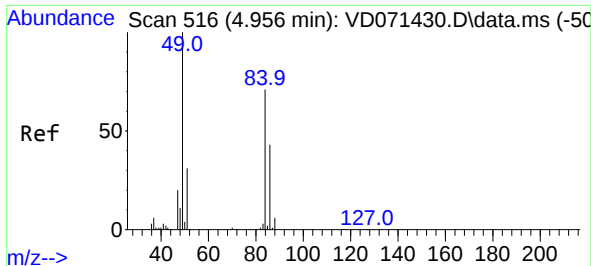
Tgt Ion:168 Resp: 557784
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#16
Acetone
Concen: 1.972 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

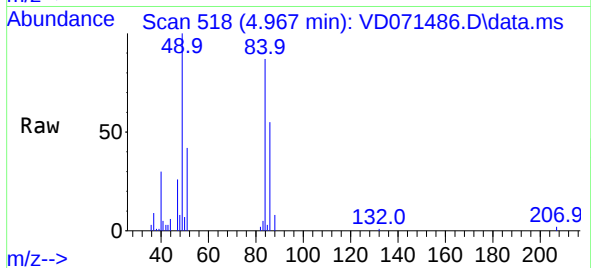
Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
58 15.5 27.8 41.8#



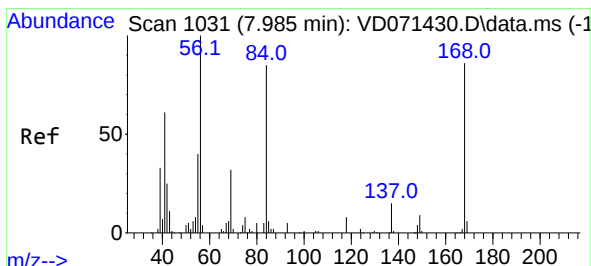
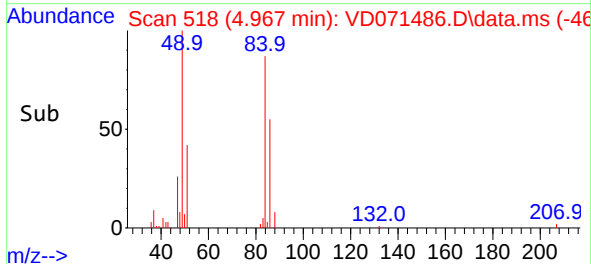
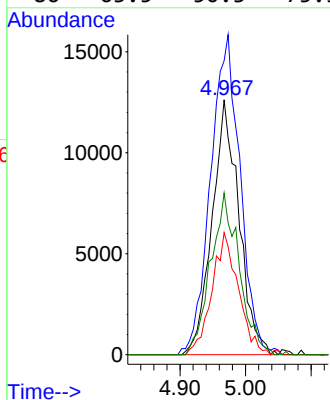


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

Instrument :
MSVOA_D
ClientSampleId :

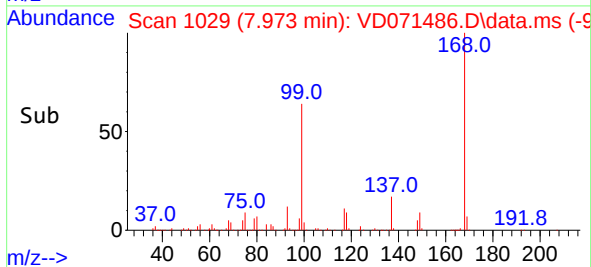
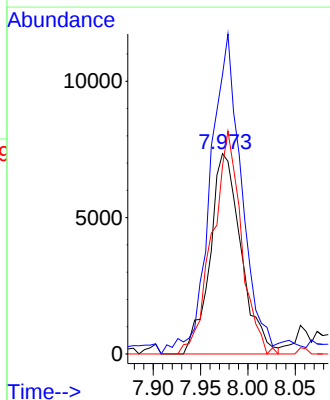
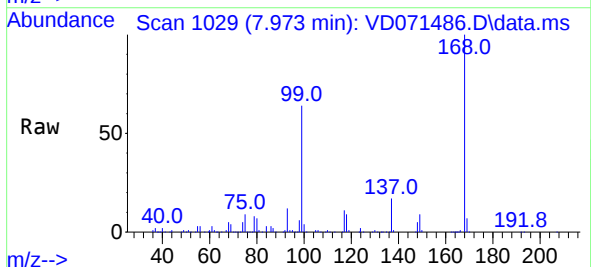


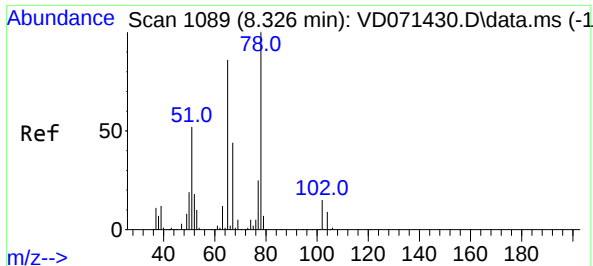
Tgt Ion: 84 Resp: 35923
Ion Ratio Lower Upper
84 100
49 115.4 95.8 143.6
51 47.9 30.9 46.3#
86 63.5 50.3 75.5



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

Tgt Ion: 56 Resp: 16868
Ion Ratio Lower Upper
56 100
69 134.1 25.9 38.9#
84 93.9 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 42.586 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071486.D

Acq: 27 Dec 2021 15:43

Instrument :

MSVOA_D

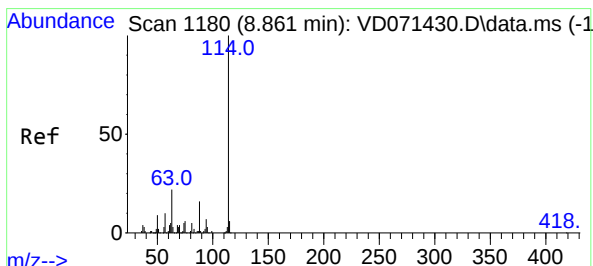
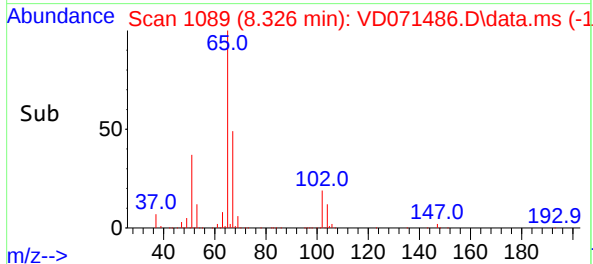
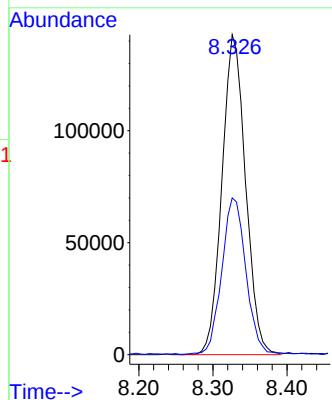
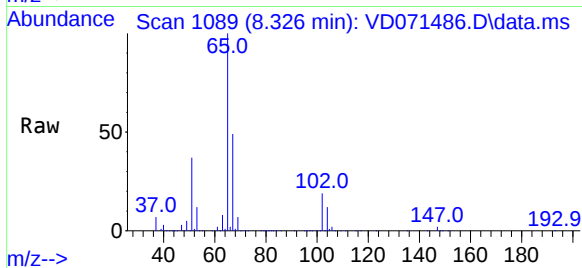
ClientSampleId :

Tgt Ion: 65 Resp: 315474

Ion Ratio Lower Upper

65 100

67 49.9 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: VD071486.D

Acq: 27 Dec 2021 15:43

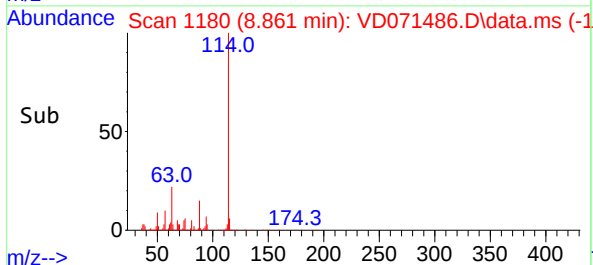
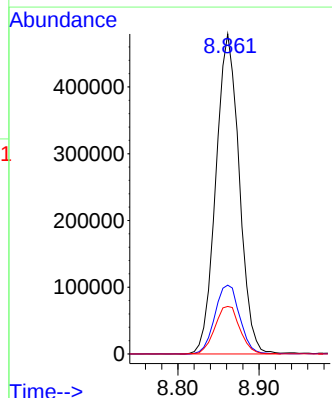
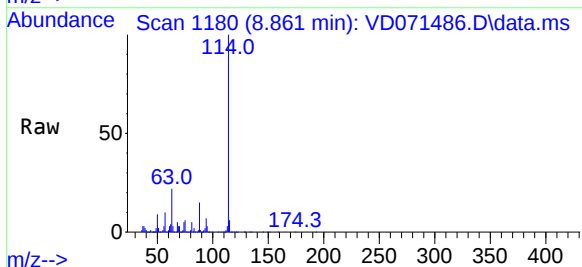
Tgt Ion: 114 Resp: 959517

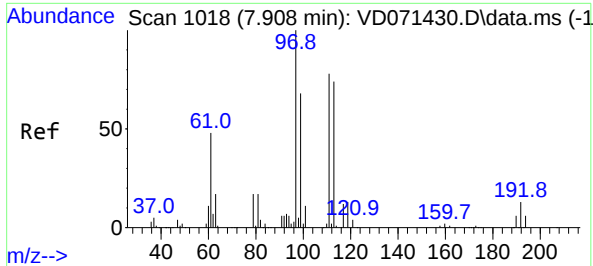
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 14.8 0.0 32.8

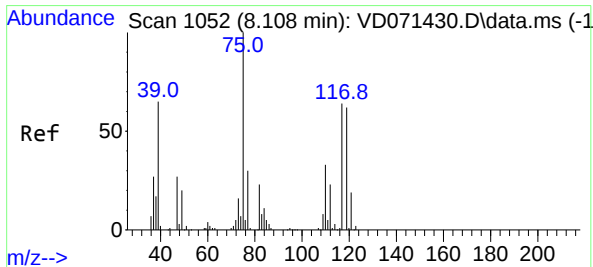
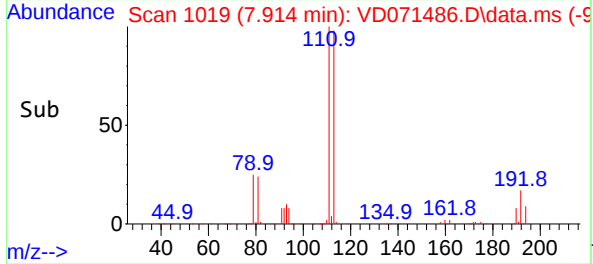
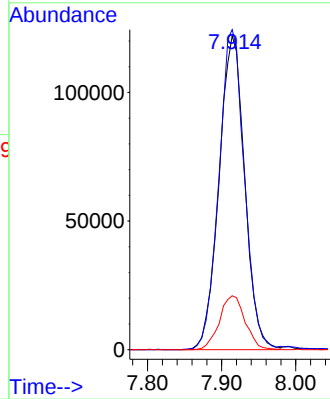
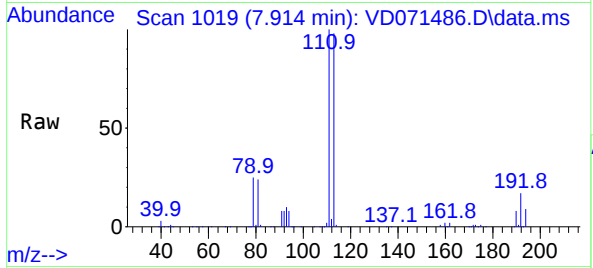




#35
Dibromofluoromethane
Concen: 45.441 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

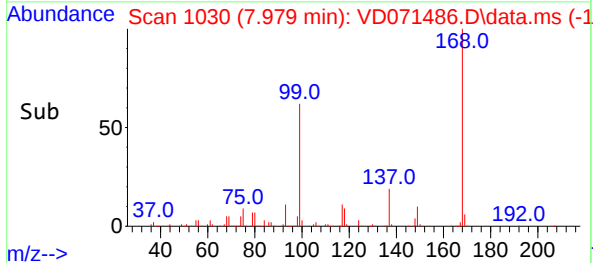
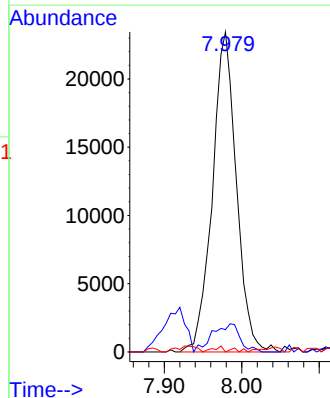
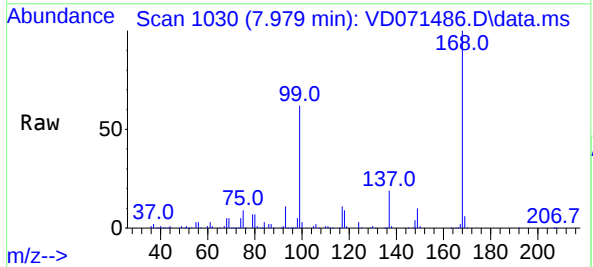
Instrument :
MSVOA_D
ClientSampleId :

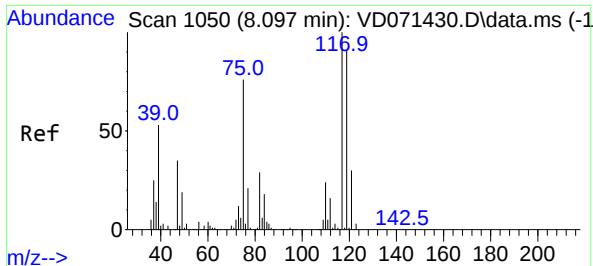
Tgt Ion:113 Resp: 293033
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 17.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

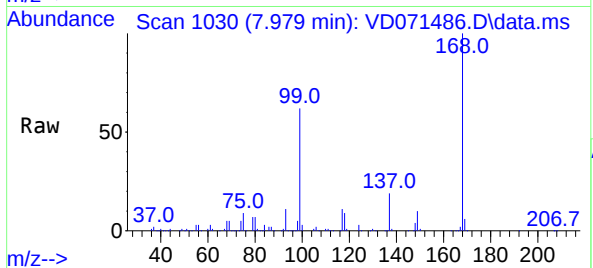
Tgt Ion: 75 Resp: 50469
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.4#
77 0.2 24.8 37.2#



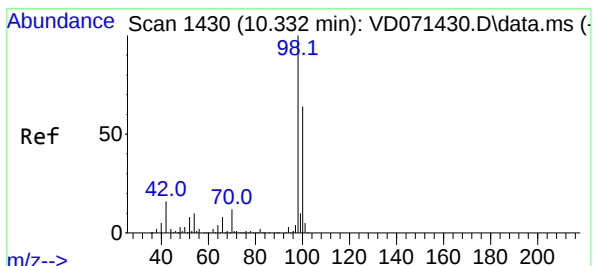
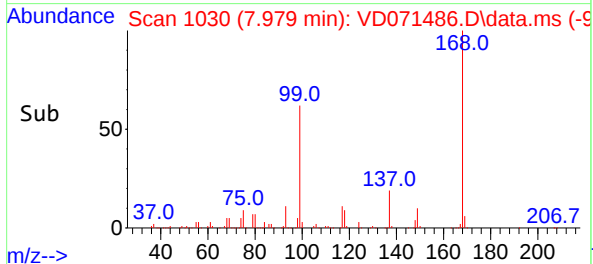
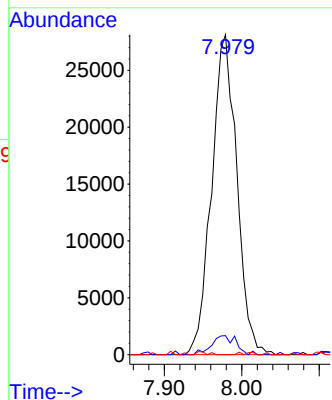


#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

Instrument :
MSVOA_D
ClientSampleId :

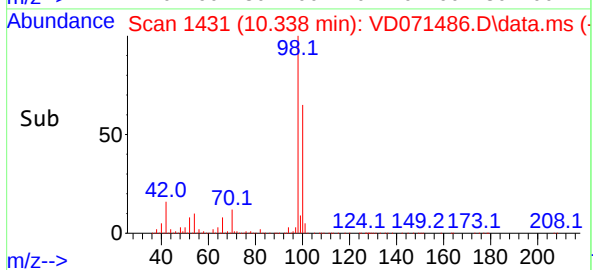
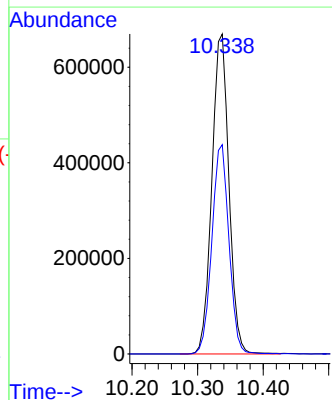
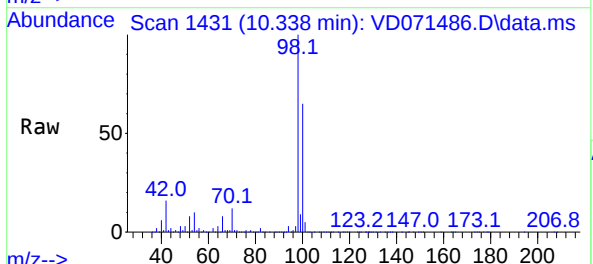


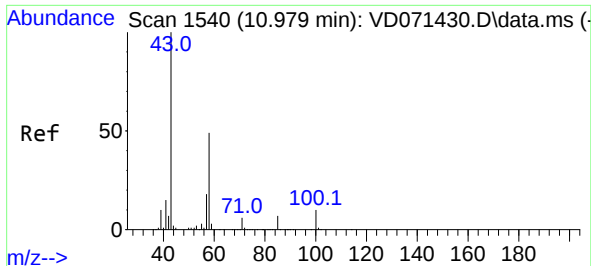
Tgt Ion:117 Resp: 63502
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.524 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

Tgt Ion: 98 Resp: 1206890
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

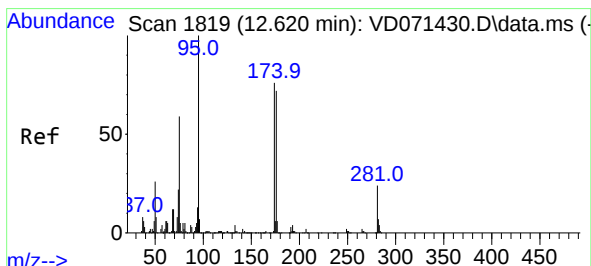
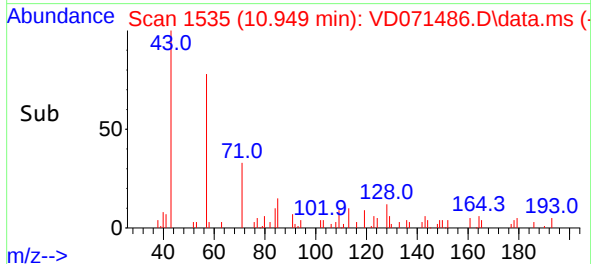
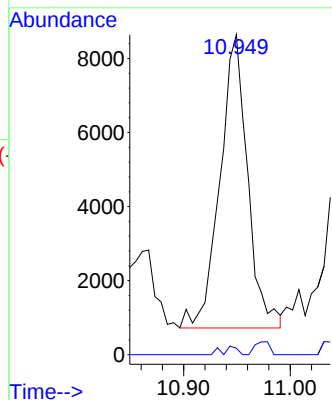
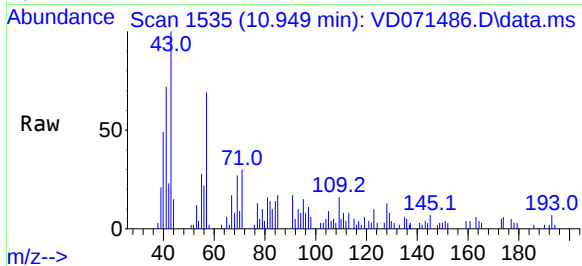




#59
2-Hexanone
Concen: 4.070 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

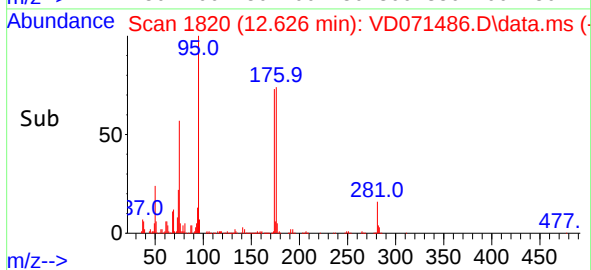
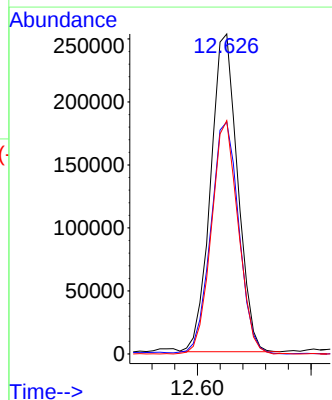
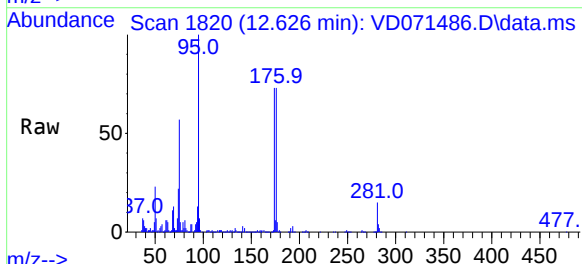
Instrument :
MSVOA_D
ClientSampleId :

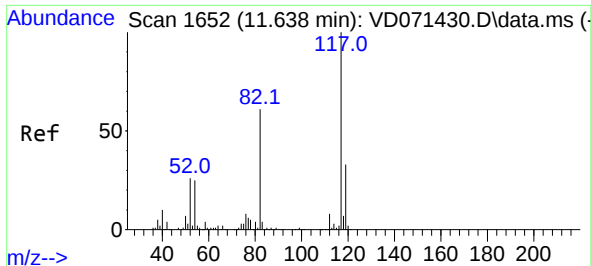
Tgt Ion: 43 Resp: 14287
Ion Ratio Lower Upper
43 100
58 1.5 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 48.092 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

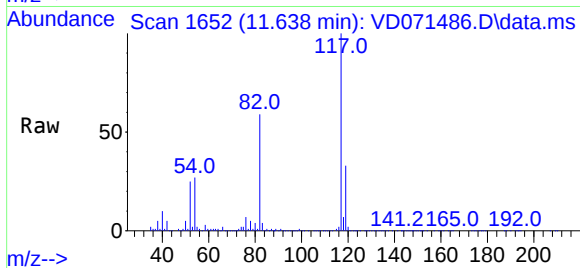
Tgt Ion: 95 Resp: 416469
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 72.9 0.0 154.0



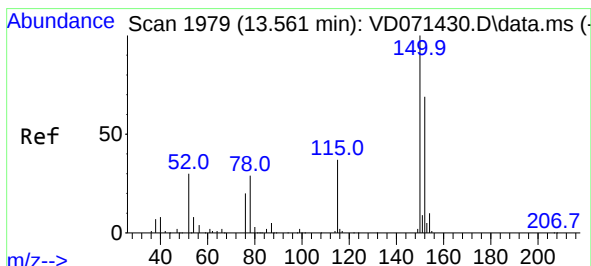
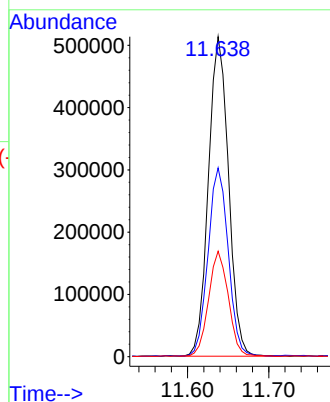
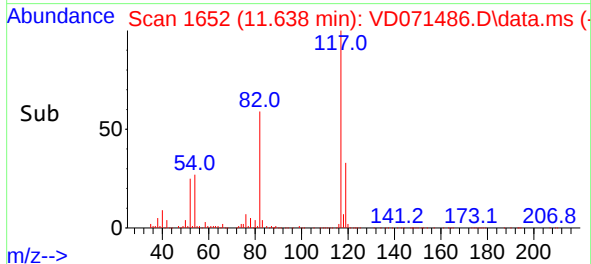


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

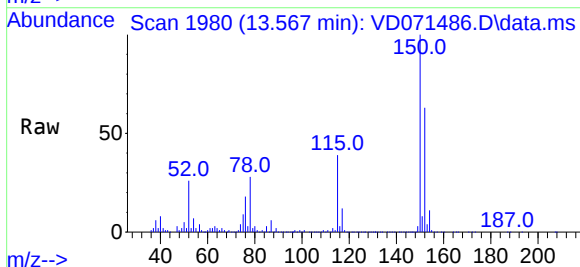
Instrument :
MSVOA_D
ClientSampleId :



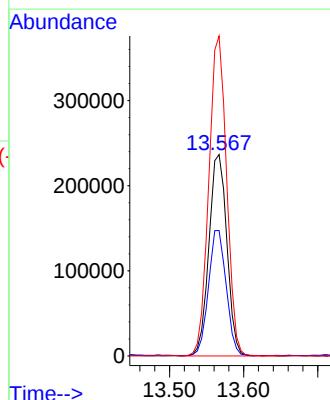
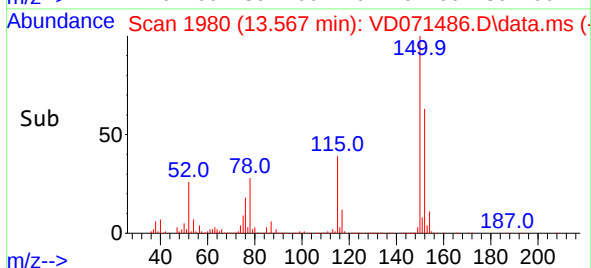
Tgt Ion:117 Resp: 883626
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 32.8 26.2 39.4

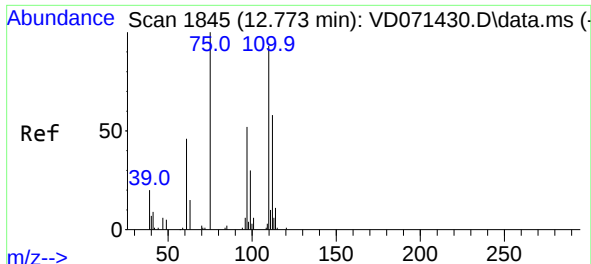


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43



Tgt Ion:152 Resp: 399727
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 156.5 0.0 349.2

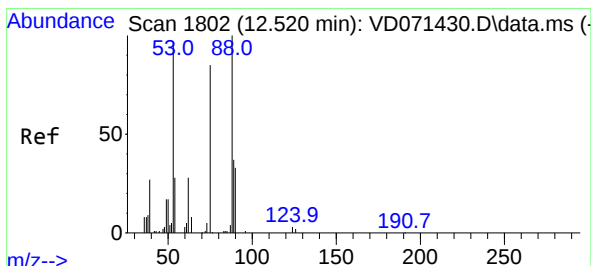
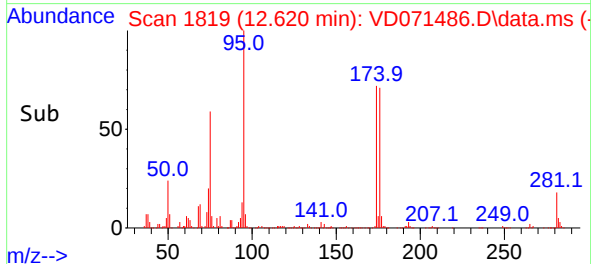
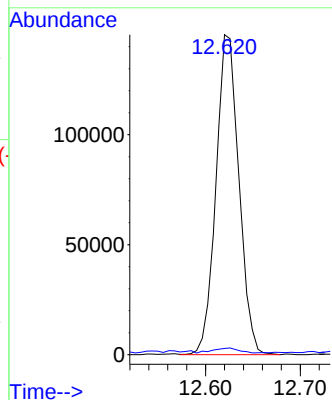
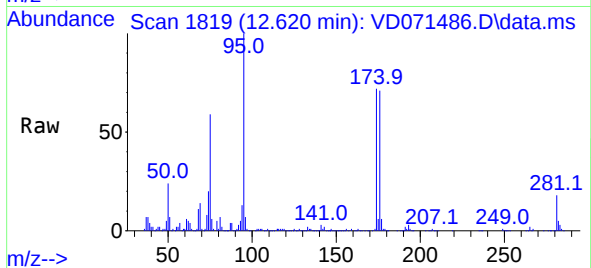




#76
1,2,3-Trichloropropane
Concen: 51.547 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 244821
Ion Ratio Lower Upper
75 100
77 1.7 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.647 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071486.D
Acq: 27 Dec 2021 15:43

Tgt Ion: 75 Resp: 244821
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.4 34.5 51.7#

