

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071483.D
 Acq On : 27 Dec 2021 13:29
 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 16:48:35 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)

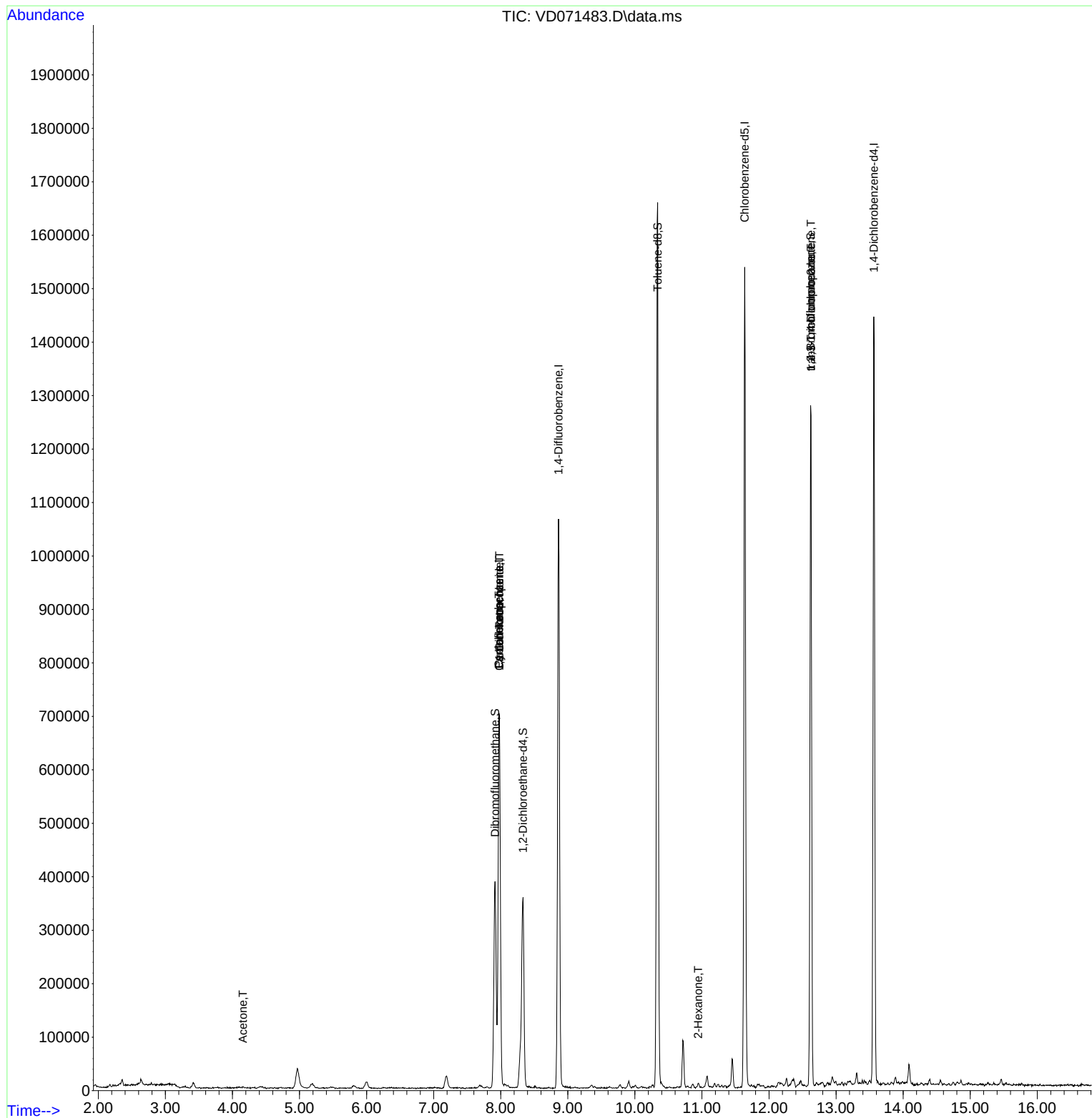
Internal Standards						
1) Pentafluorobenzene	7.973	168	501914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	874463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	799641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	355351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	287957	43.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.400%
35) Dibromofluoromethane	7.914	113	274465	46.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.400%
50) Toluene-d8	10.338	98	1090762	49.112	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.620	95	371363	47.055	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.197	59	3273	Below Cal	#	71
16) Acetone	4.156	43	3196	1.909	ug/l	99
20) Methylene Chloride	4.973	84	23975	Below Cal		92
31) Cyclohexane	7.973	56	16229	1.433	ug/l	# 36
36) 1,1-Dichloropropene	7.979	75	44550	4.745	ug/l	# 51
38) Carbon Tetrachloride	7.979	117	54510	5.884	ug/l	# 16
59) 2-Hexanone	10.944	43	4260	1.332	ug/l	# 22
76) 1,2,3-Trichloropropane	12.626	75	207382	49.117	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	207382	138.781	ug/l	# 19

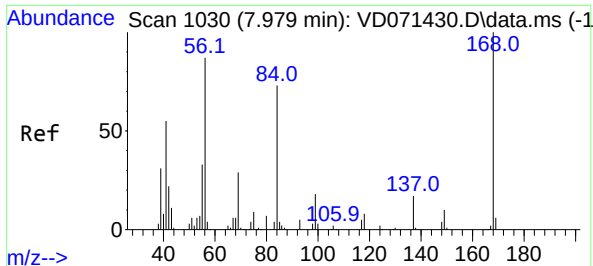
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 16:48:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
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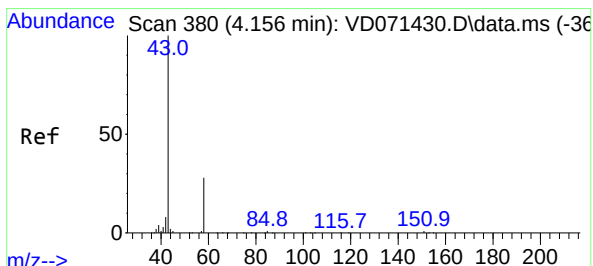
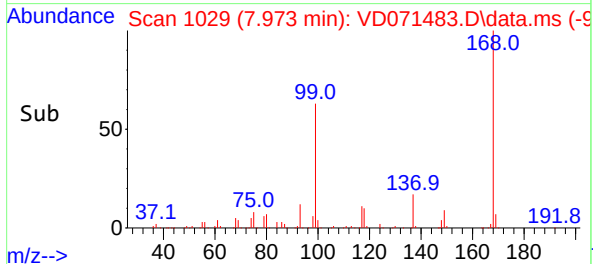
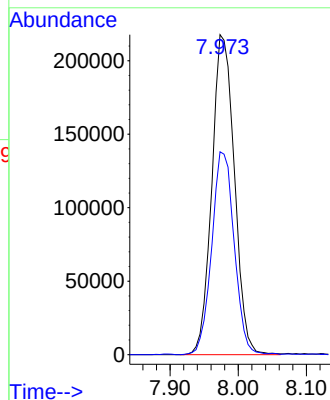
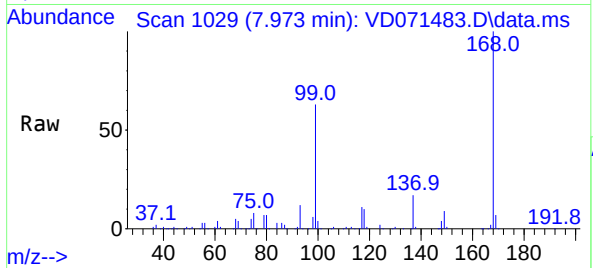




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

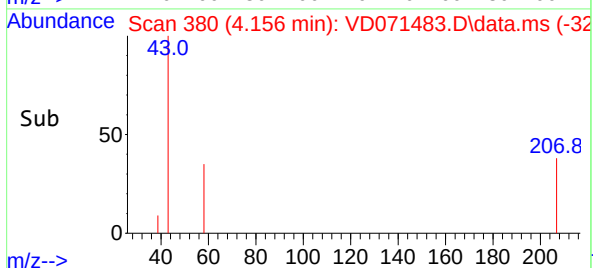
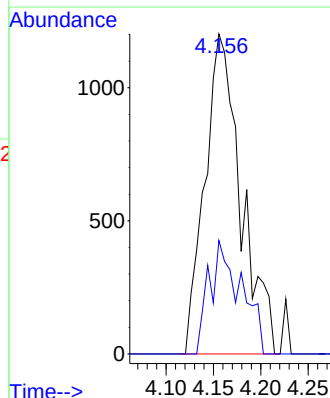
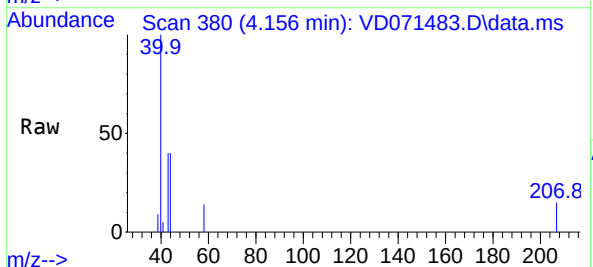
Instrument :
MSVOA_D
ClientSampleId :

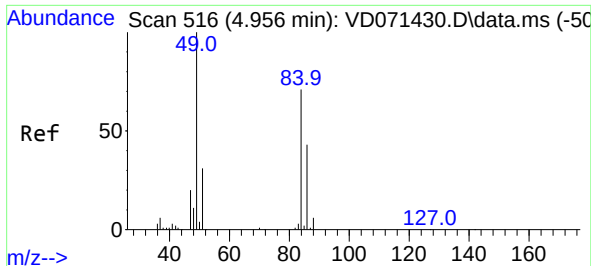
Tgt Ion:168 Resp: 501914
Ion Ratio Lower Upper
168 100
99 63.4 46.6 69.8



#16
Acetone
Concen: 1.909 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 43 Resp: 3196
Ion Ratio Lower Upper
43 100
58 35.4 27.8 41.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 51

Delta R.T. 0.012 min

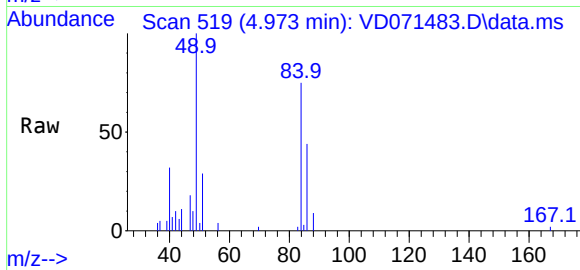
Lab File: VD071483.D

Acq: 27 Dec 2021 13:29

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 23975

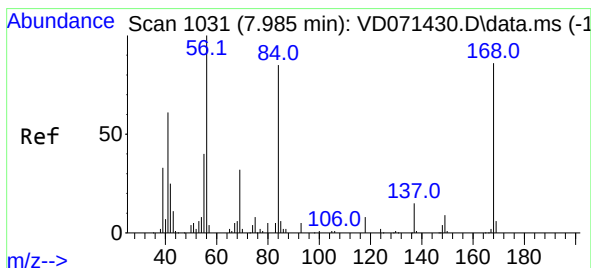
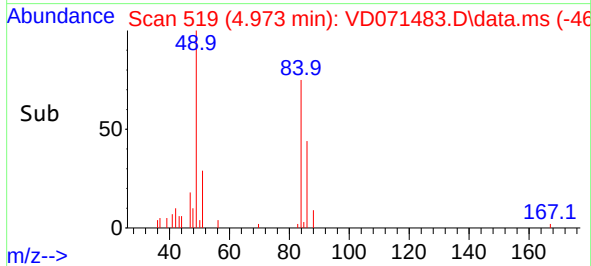
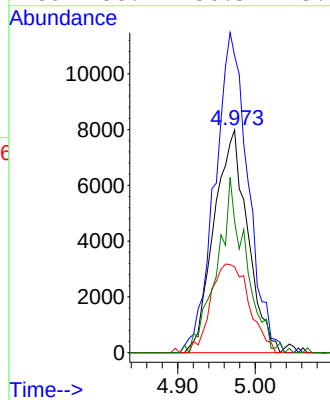
Ion Ratio Lower Upper

84 100

49 133.4 95.8 143.6

51 38.5 30.9 46.3

86 58.9 50.3 75.5



#31

Cyclohexane

Concen: 1.433 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071483.D

Acq: 27 Dec 2021 13:29

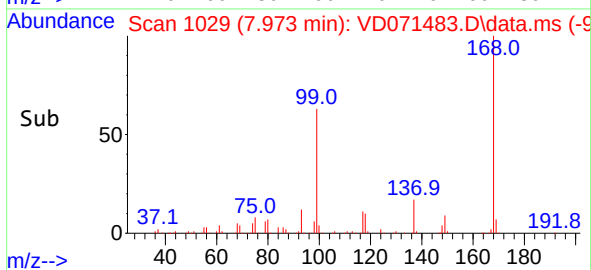
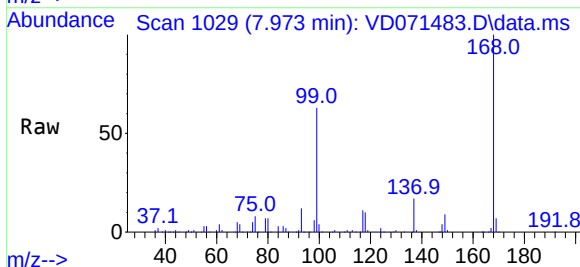
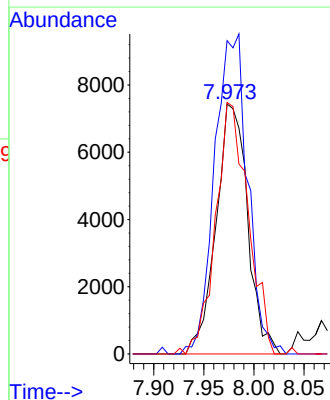
Tgt Ion: 56 Resp: 16229

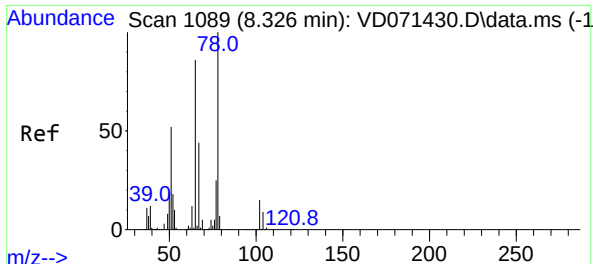
Ion Ratio Lower Upper

56 100

69 125.3 25.9 38.9#

84 100.6 64.3 96.5#

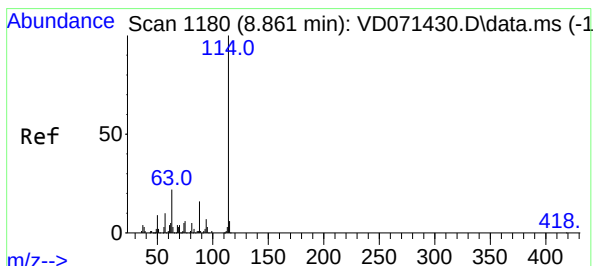
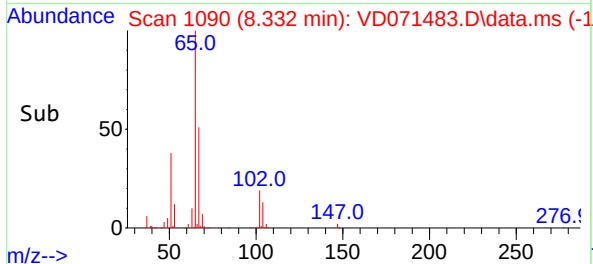
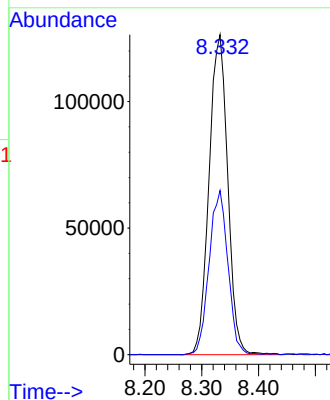
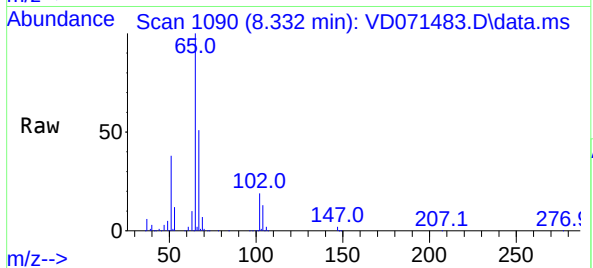




#33
1,2-Dichloroethane-d4
Concen: 43.199 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

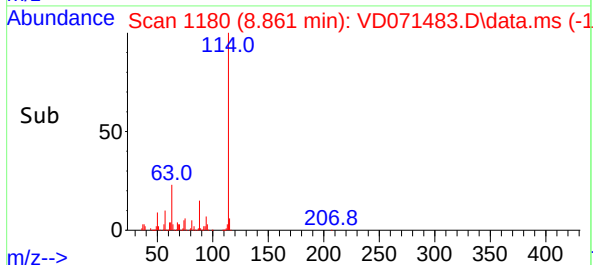
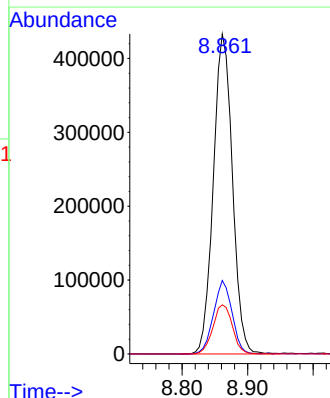
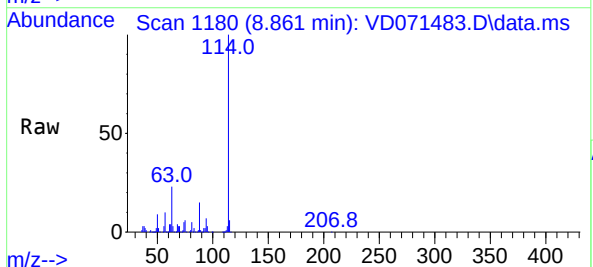
Instrument :
MSVOA_D
ClientSampleId :

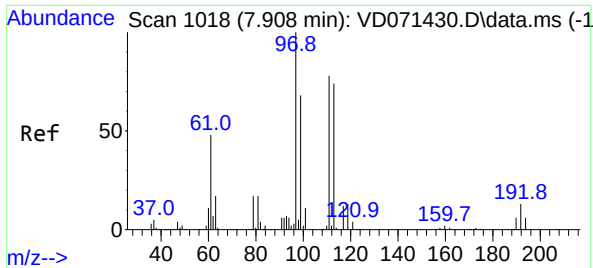
Tgt Ion: 65 Resp: 287957
Ion Ratio Lower Upper
65 100
67 51.7 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

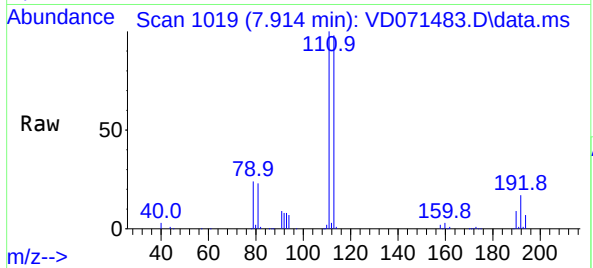
Tgt Ion:114 Resp: 874463
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 15.4 0.0 32.8



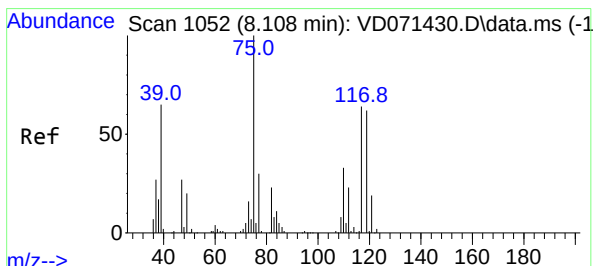
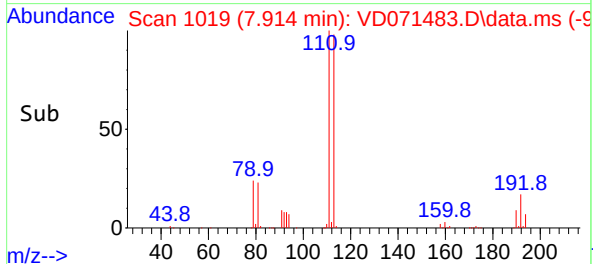
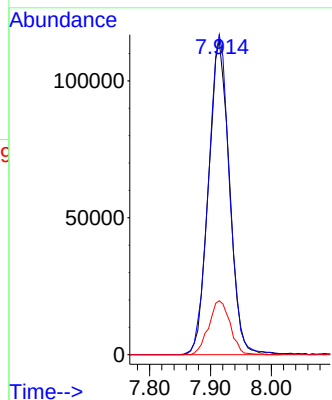


#35
Dibromofluoromethane
Concen: 46.701 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :

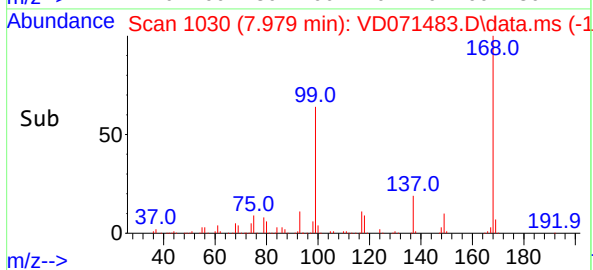
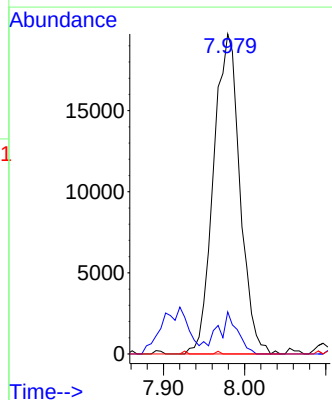
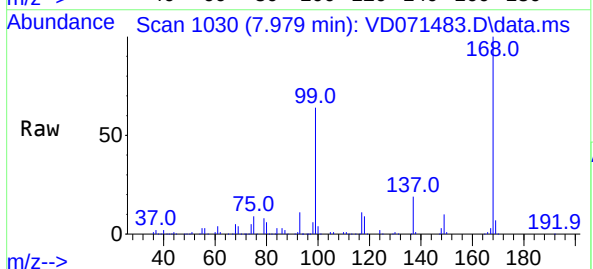


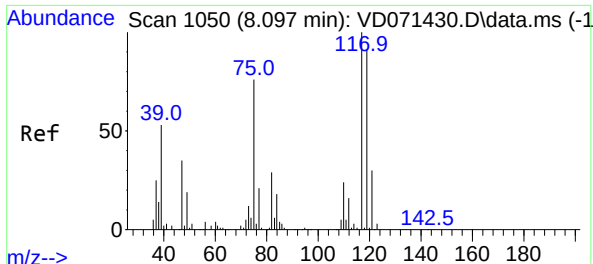
Tgt Ion:113 Resp: 274465
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 17.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

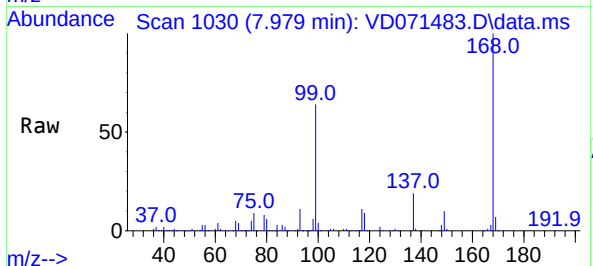
Tgt Ion: 75 Resp: 44550
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.4#
77 0.1 24.8 37.2#



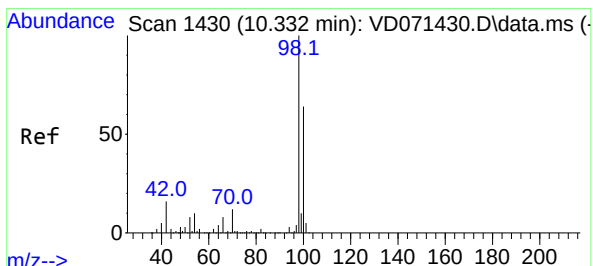
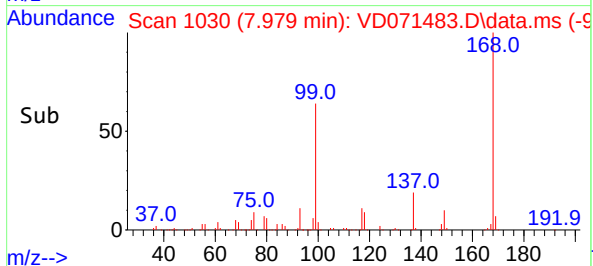
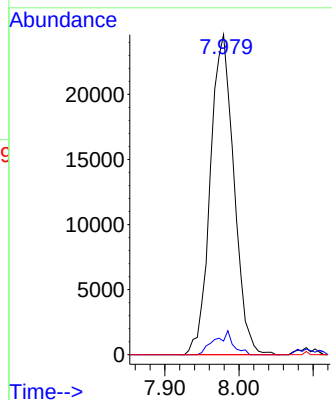


#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 7.979 min Scan# 117
Delta R.T. -0.118 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Instrument :
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ClientSampleId :

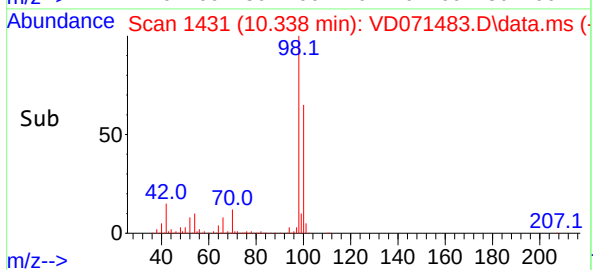
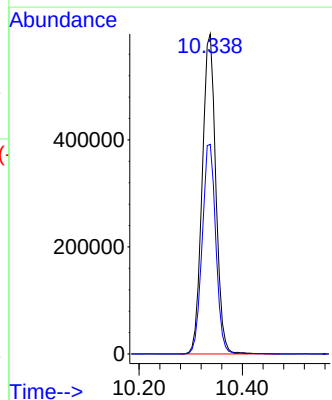
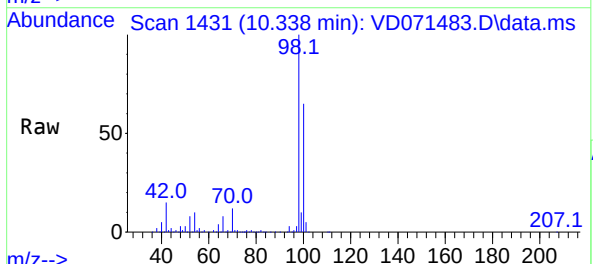


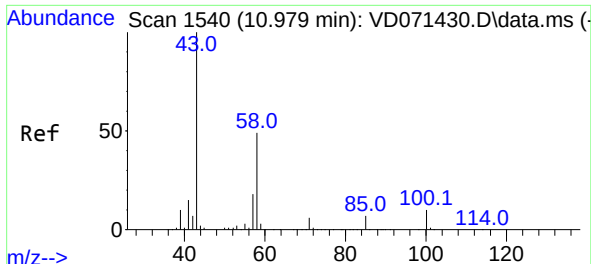
Tgt Ion:117 Resp: 54510
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.112 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 98 Resp: 1090762
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

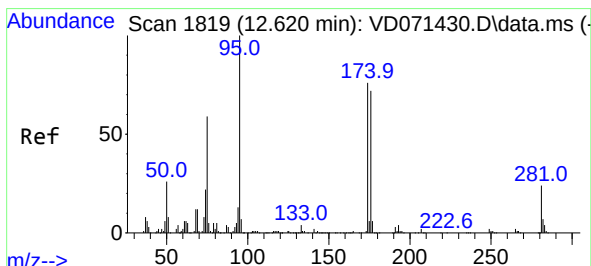
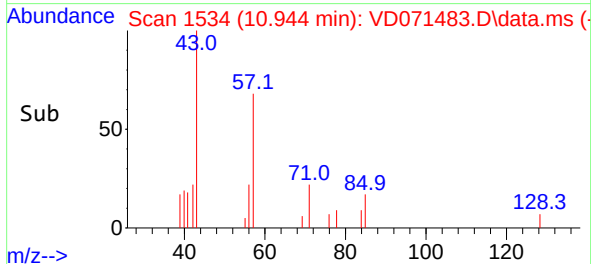
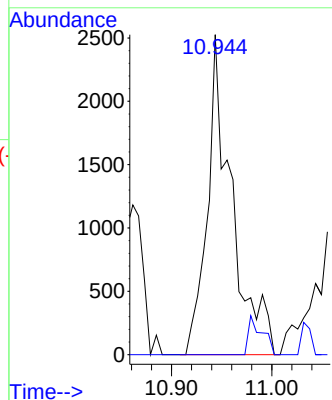
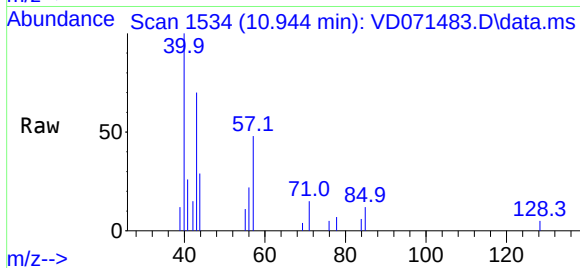




#59
2-Hexanone
Concen: 1.332 ug/l
RT: 10.944 min Scan# 11
Delta R.T. -0.035 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

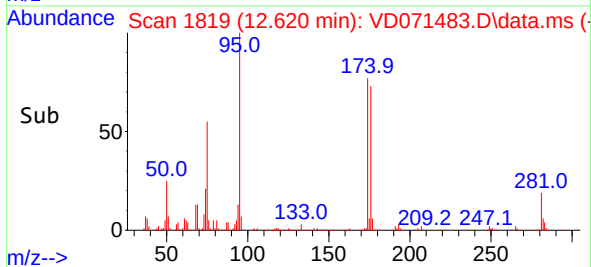
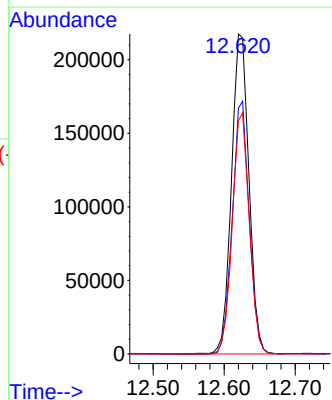
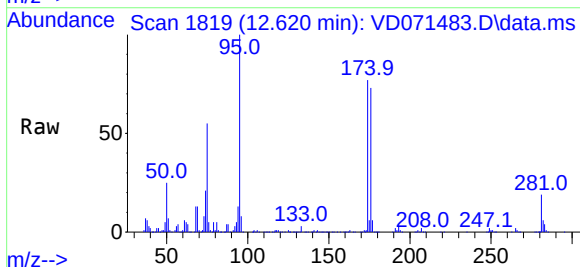
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MSVOA_D
ClientSampleId :

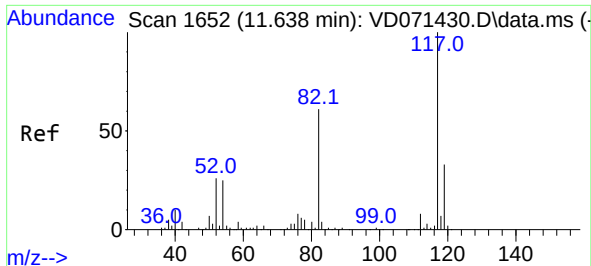
Tgt Ion: 43 Resp: 4260
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 47.055 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

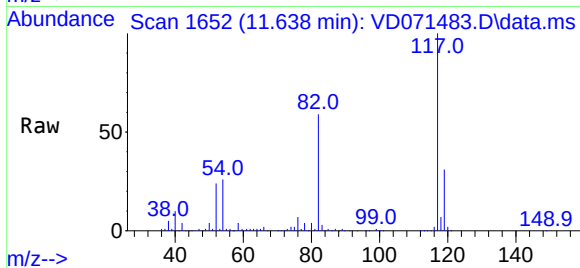
Tgt Ion: 95 Resp: 371363
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 73.3 0.0 154.0



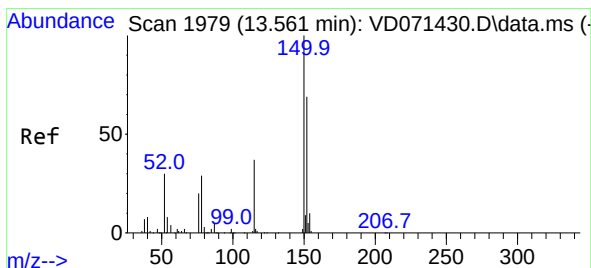
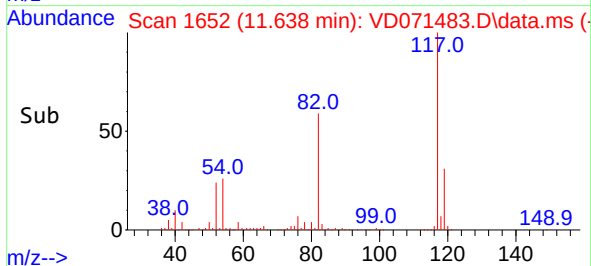
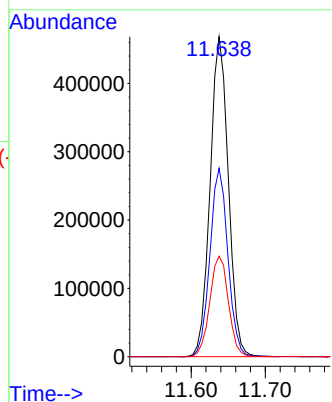


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :

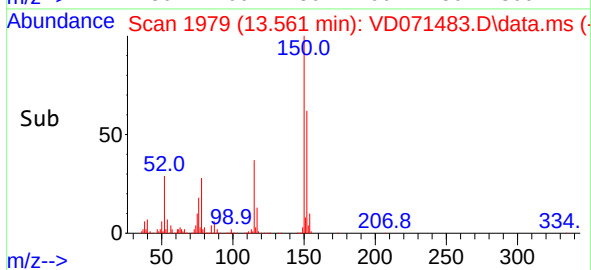
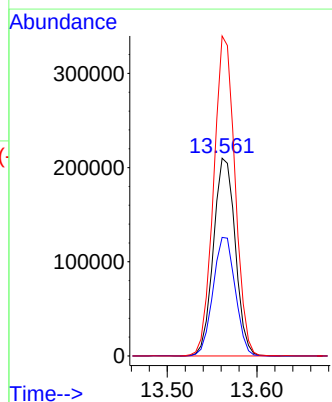
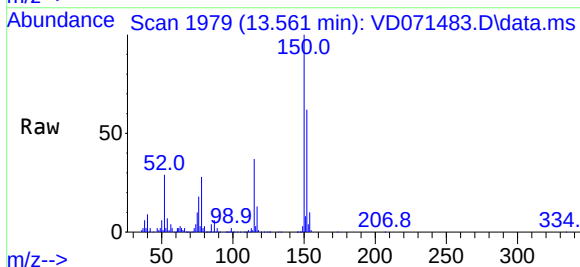


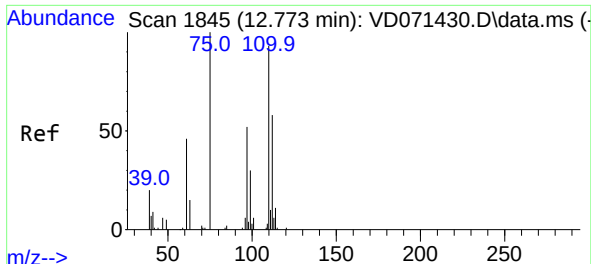
Tgt Ion:117 Resp: 799641
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Tgt Ion:152 Resp: 355351
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 158.3 0.0 349.2

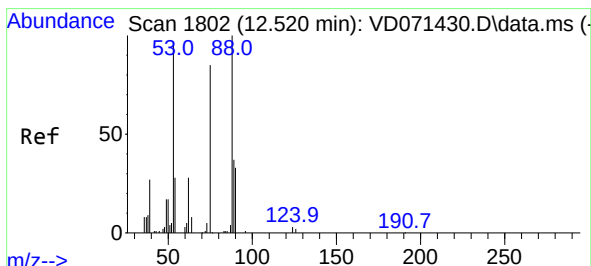
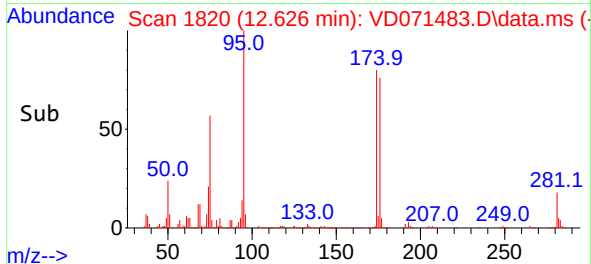
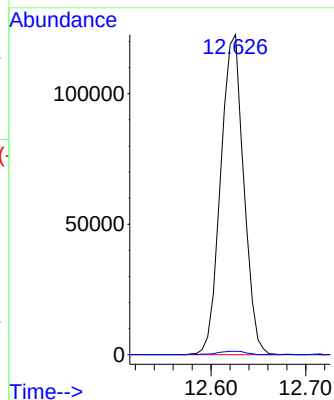
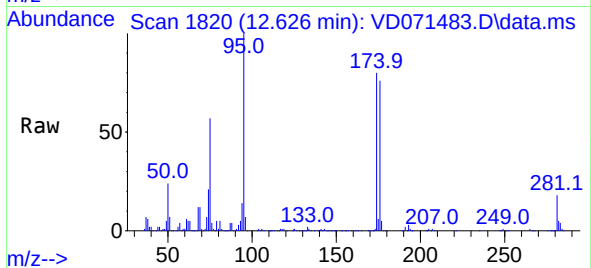




#76
1,2,3-Trichloropropane
Concen: 49.117 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 207382
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.781 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071483.D
Acq: 27 Dec 2021 13:29

Tgt Ion: 75 Resp: 207382
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.4 34.5 51.7#

