

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071484.D
 Acq On : 27 Dec 2021 14:47
 Operator : VA/SY
 Sample : M5189-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 27 16:48:52 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)

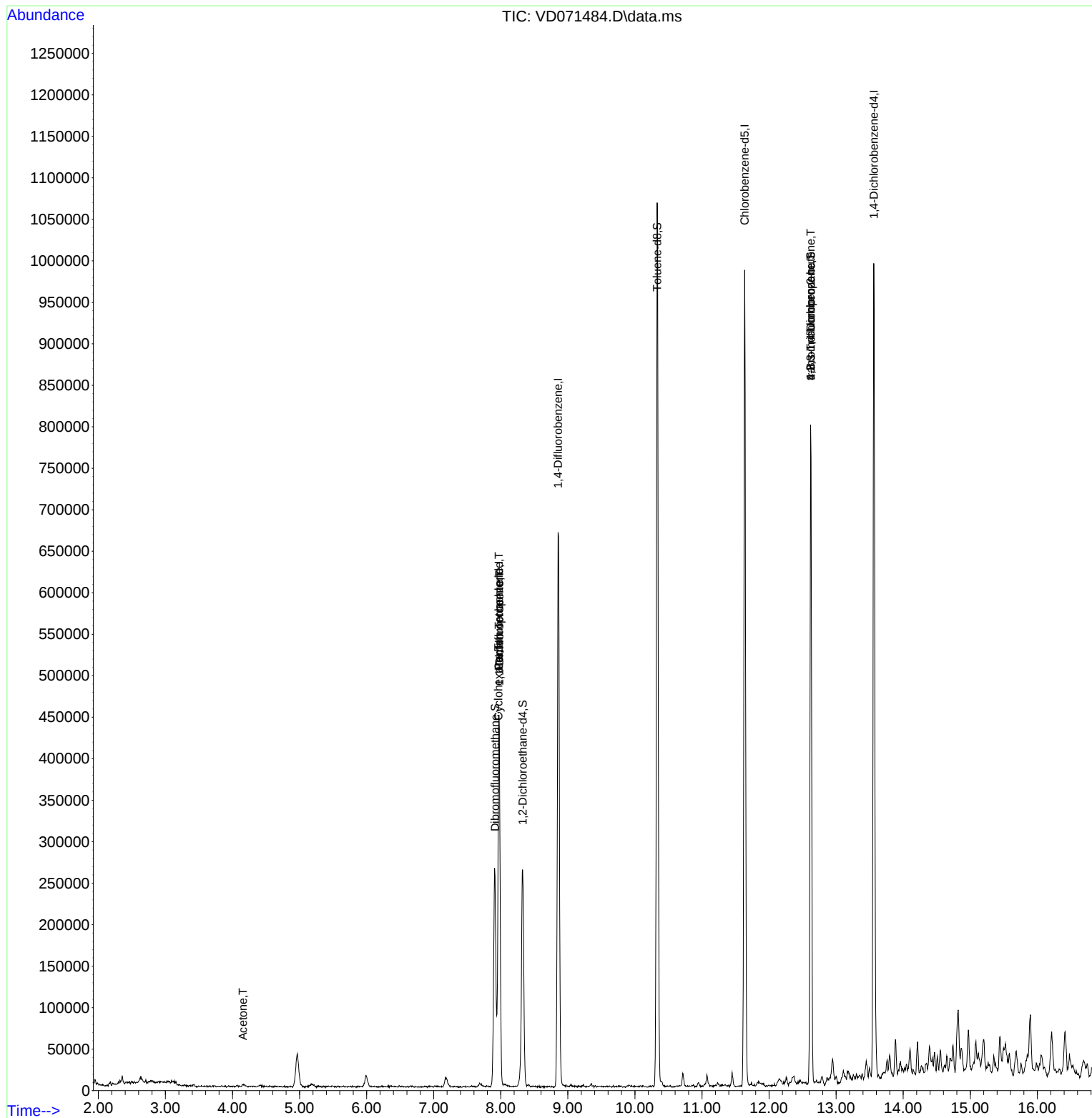
Internal Standards						
1) Pentafluorobenzene	7.973	168	309711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	547740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214160	52.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.140%	
35) Dibromofluoromethane	7.914	113	184949	50.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.332	98	684236	49.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.620	95	240383	48.627	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.260%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.220	59	730	Below Cal	#	71
16) Acetone	4.156	43	4729	4.577	ug/l	91
31) Cyclohexane	7.967	56	10041	1.437	ug/l #	60
36) 1,1-Dichloropropene	7.979	75	28978	4.927	ug/l #	49
38) Carbon Tetrachloride	7.973	117	34146	5.885	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	136693	47.837	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	136693	135.165	ug/l #	18

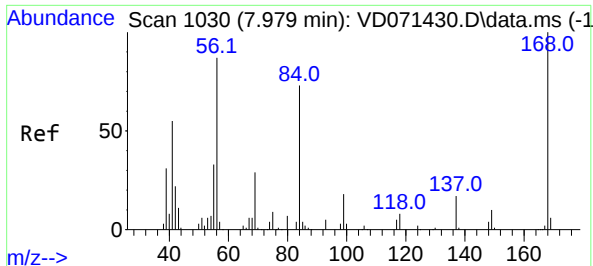
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

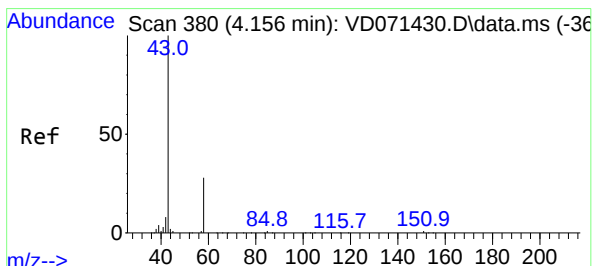
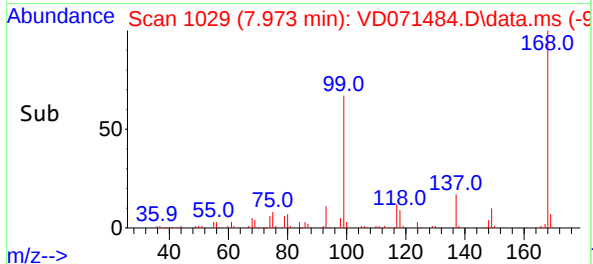
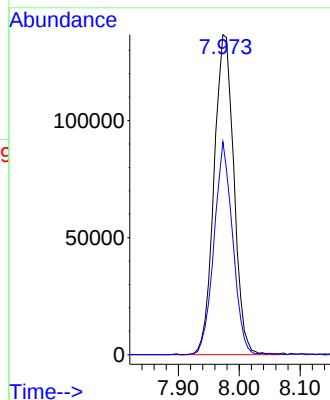
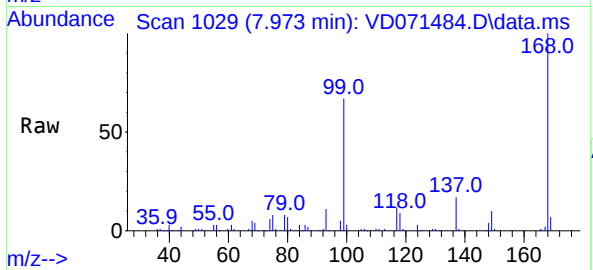




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

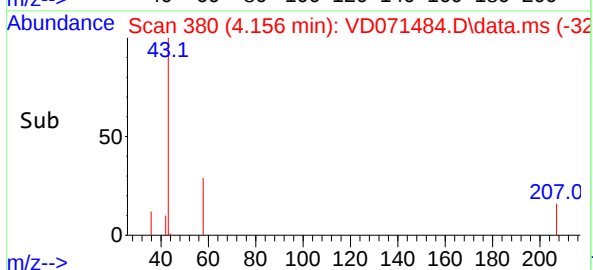
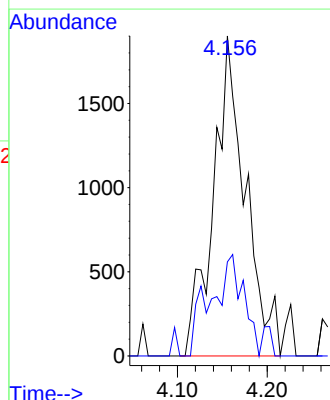
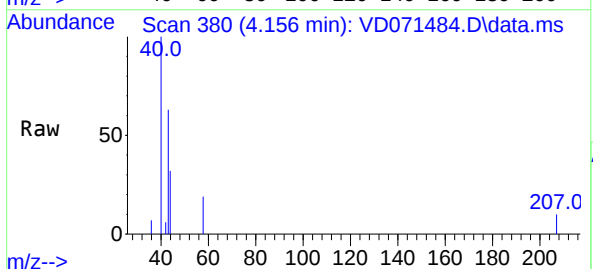
Instrument :
MSVOA_D
ClientSampleId :

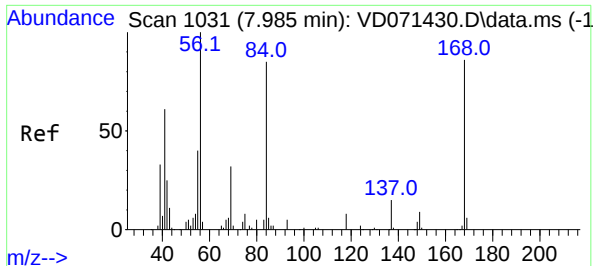
Tgt Ion:168 Resp: 309711
Ion Ratio Lower Upper
168 100
99 66.5 46.6 69.8



#16
Acetone
Concen: 4.577 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

Tgt Ion: 43 Resp: 4729
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8





#31

Cyclohexane

Concen: 1.437 ug/l

RT: 7.967 min Scan# 1031

Delta R.T. -0.018 min

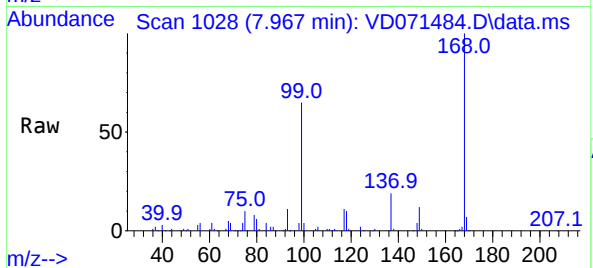
Lab File: VD071484.D

Acq: 27 Dec 2021 14:47

Instrument :

MSVOA_D

ClientSampleId :



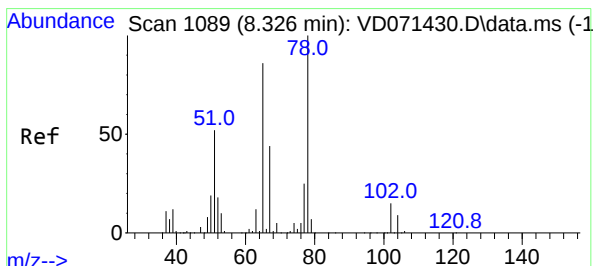
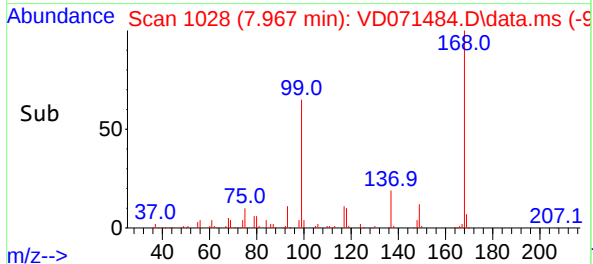
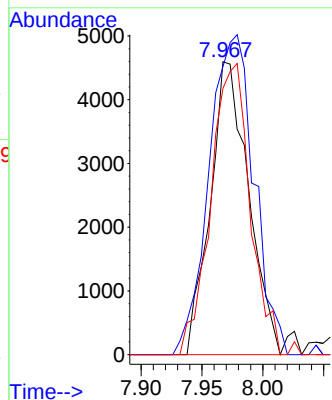
Tgt Ion: 56 Resp: 10041

Ion Ratio Lower Upper

56 100

69 93.7 25.9 38.9#

84 90.9 64.3 96.5



#33

1,2-Dichloroethane-d4

Concen: 52.066 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071484.D

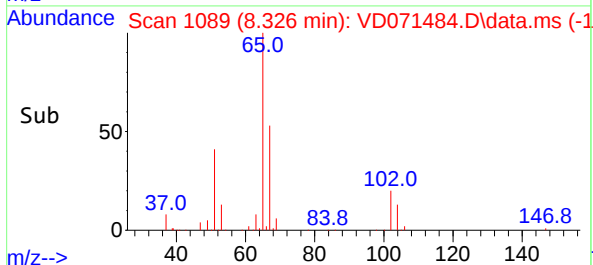
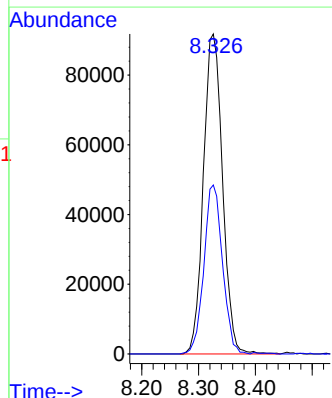
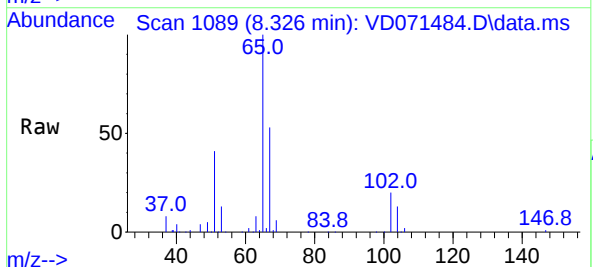
Acq: 27 Dec 2021 14:47

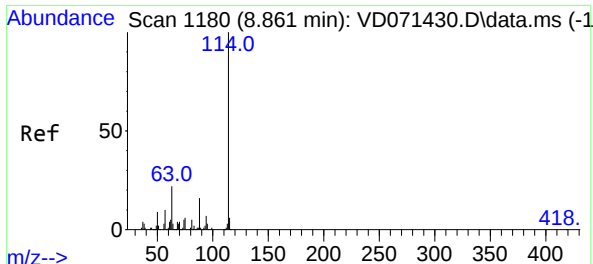
Tgt Ion: 65 Resp: 214160

Ion Ratio Lower Upper

65 100

67 51.4 0.0 112.2

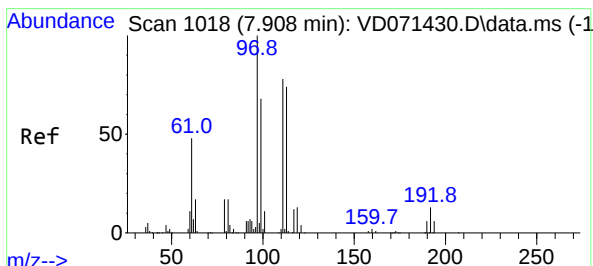
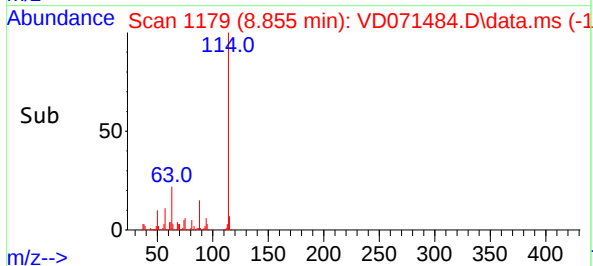
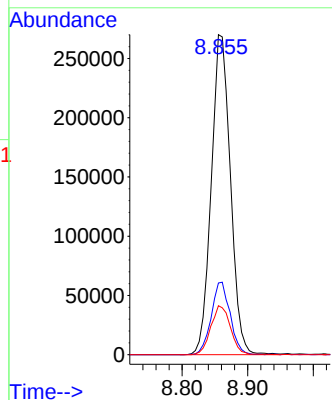
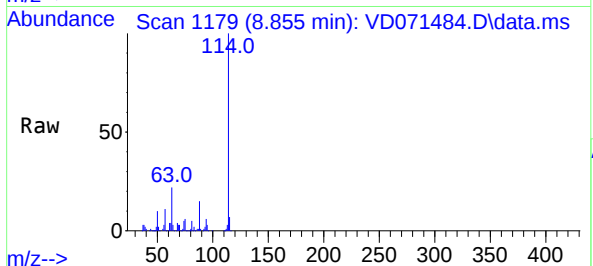




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

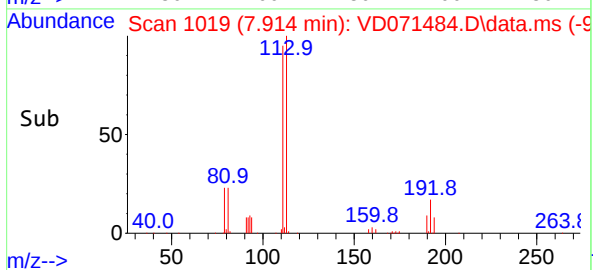
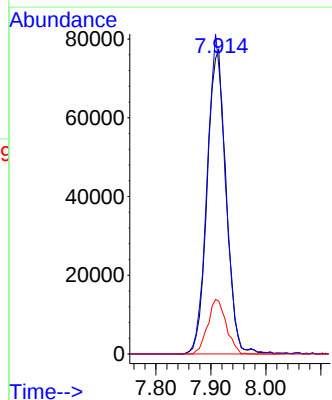
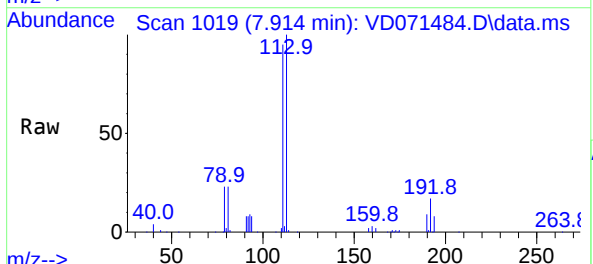
Instrument :
MSVOA_D
ClientSampleId :

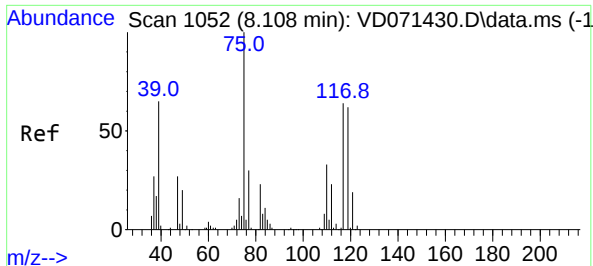
Tgt Ion:114 Resp: 547740
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.241 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

Tgt Ion:113 Resp: 184949
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 17.5 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD071484.D

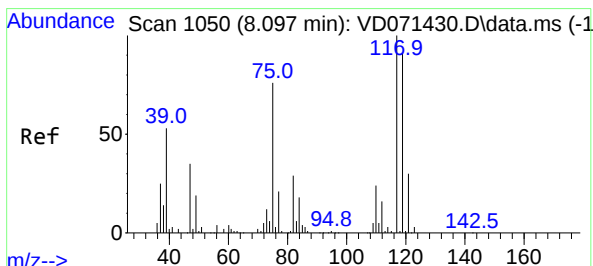
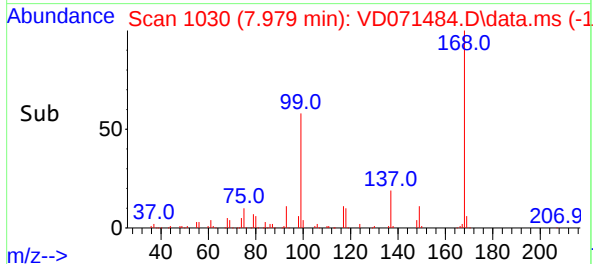
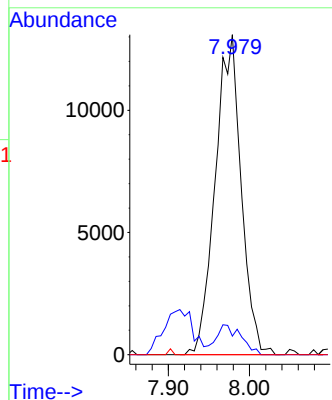
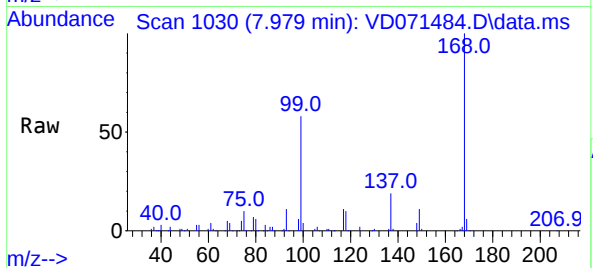
Acq: 27 Dec 2021 14:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	28978
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.4#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.885 ug/l

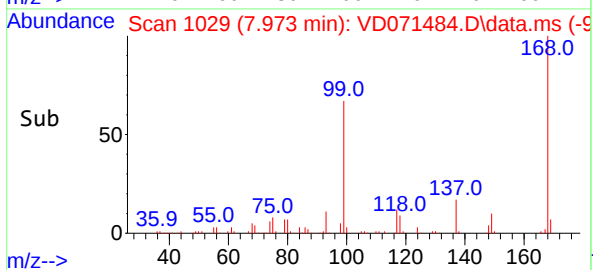
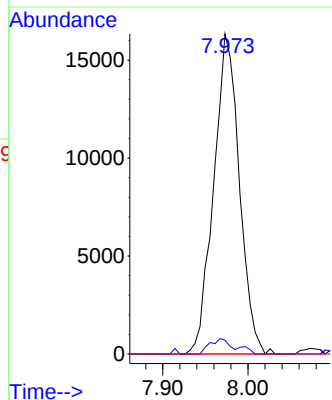
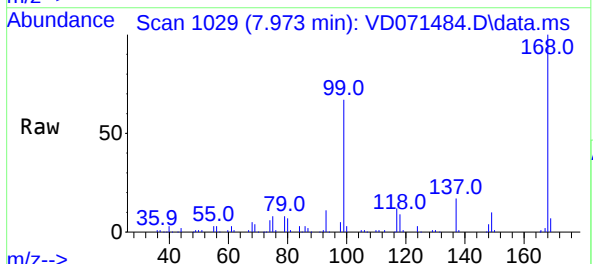
RT: 7.973 min Scan# 1029

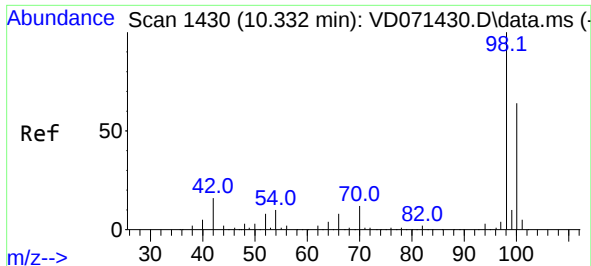
Delta R.T. -0.124 min

Lab File: VD071484.D

Acq: 27 Dec 2021 14:47

Tgt Ion:	117	Resp:	34146
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.6#
121	0.0	23.6	35.4#

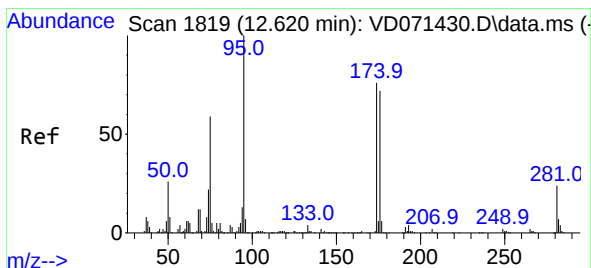
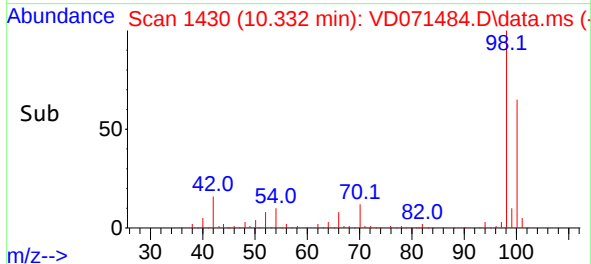
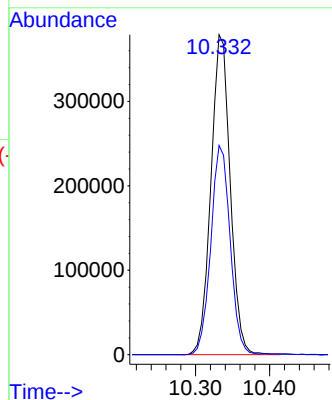
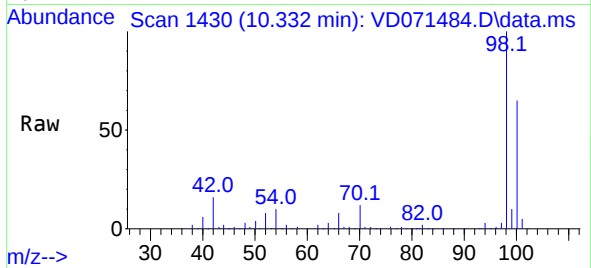




#50
Toluene-d8
Concen: 49.185 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

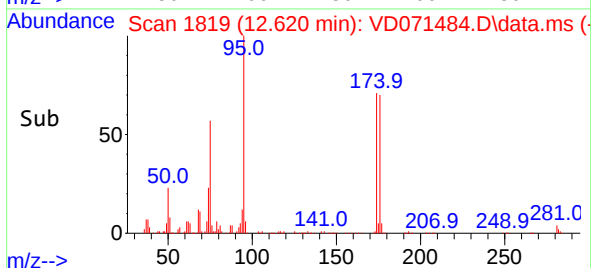
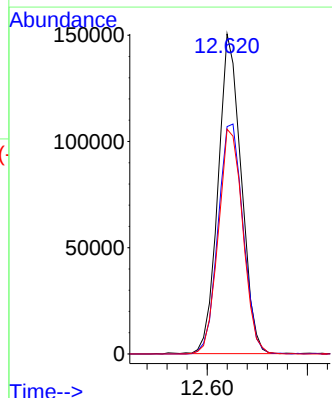
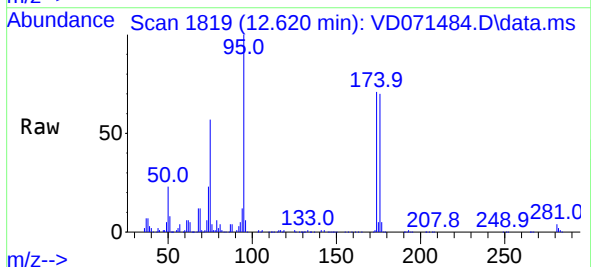
Instrument :
MSVOA_D
ClientSampleId :

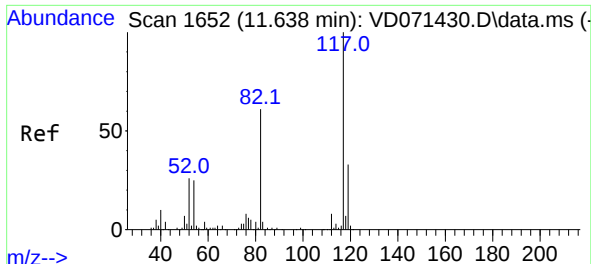
Tgt Ion: 98 Resp: 684236
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.627 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

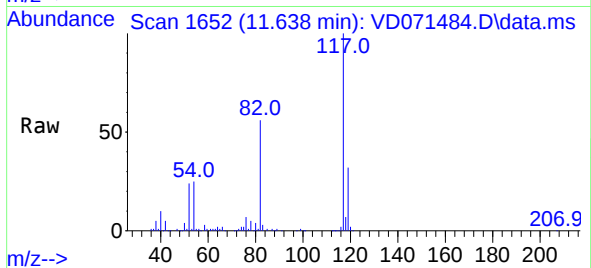
Tgt Ion: 95 Resp: 240383
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.4
176 74.5 0.0 154.0



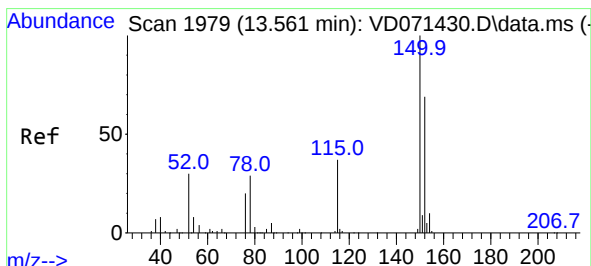
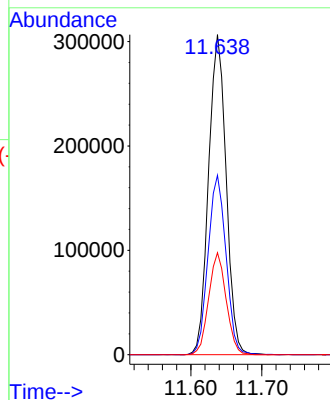
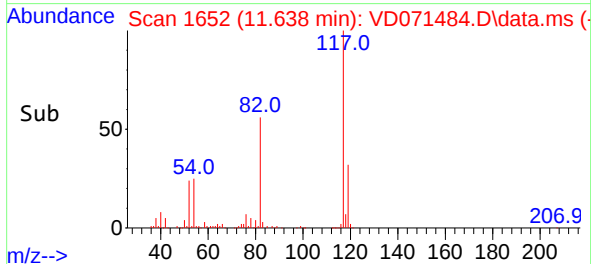


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

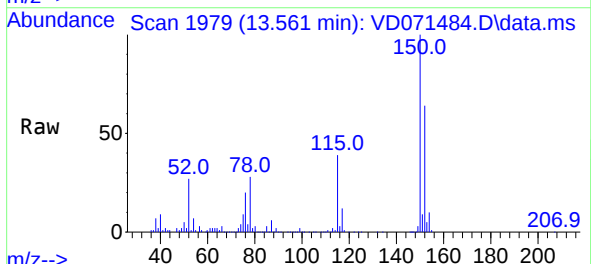
Instrument :
MSVOA_D
ClientSampleId :



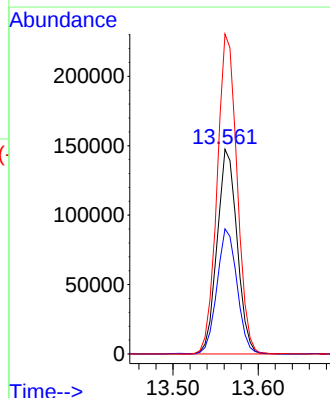
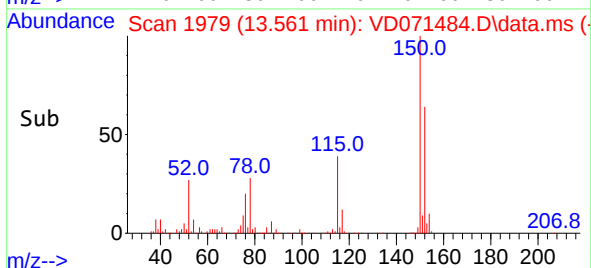
Tgt Ion:117 Resp: 528178
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.8 26.2 39.4

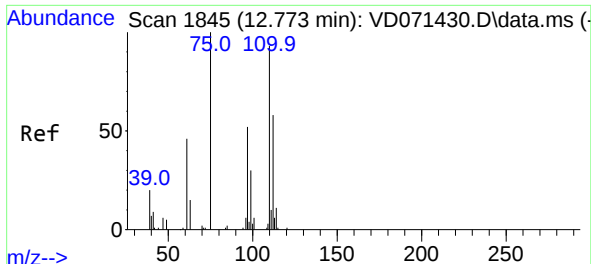


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47



Tgt Ion:152 Resp: 240492
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 156.2 0.0 349.2

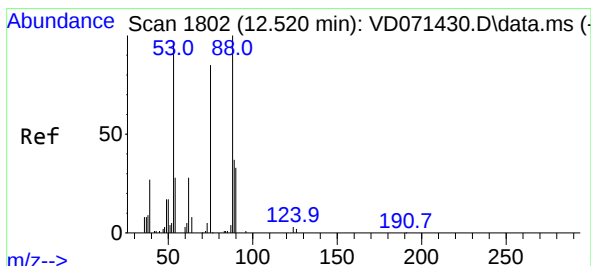
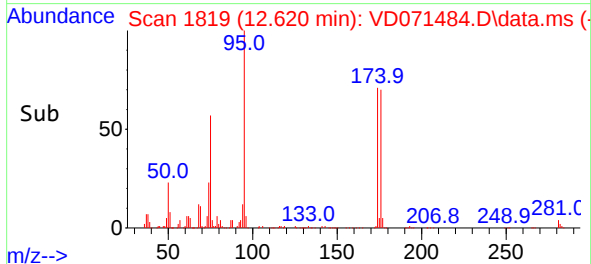
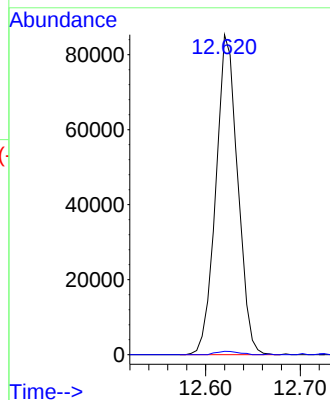
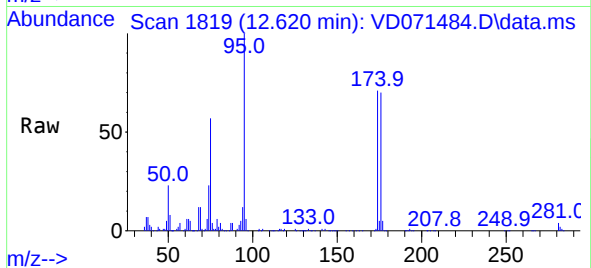




#76
1,2,3-Trichloropropane
Concen: 47.837 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 136693
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.165 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071484.D
Acq: 27 Dec 2021 14:47

Tgt Ion: 75 Resp: 136693
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.2 34.5 51.7#

