

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071600.D
 Acq On : 04 Jan 2022 18:30
 Operator : VA/SY
 Sample : M5330-03
 Misc : 7.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

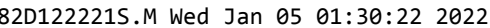
Quant Time: Jan 05 01:30:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

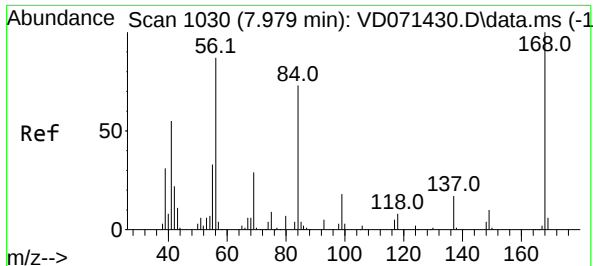
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	371626	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.861	114	654073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	572419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	240482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232237	47.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.100%
35) Dibromofluoromethane	7.914	113	206614	47.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.338	98	833423	50.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.626	95	251386	42.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	159	Below Cal	#	71
16) Acetone	4.167	43	12520	10.099	ug/l	90
20) Methylene Chloride	4.973	84	11966	Below Cal		95
28) Bromochloromethane	7.714	49	3946	1.127	ug/l #	14
30) Chloroform	7.708	83	41731	4.839	ug/l	94
31) Cyclohexane	7.973	56	11348	1.353	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	35593	5.068	ug/l #	48
38) Carbon Tetrachloride	7.973	117	41469	5.985	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	4678	1.382	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	144780	50.669	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	144780	143.167	ug/l #	18

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

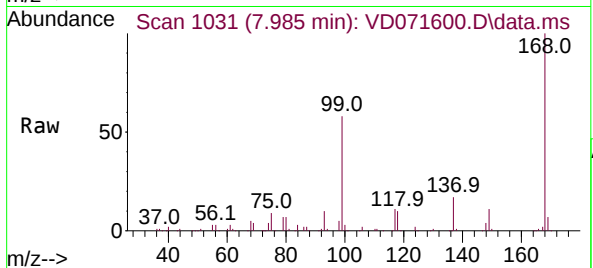
Quant Time: Jan 05 01:30:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



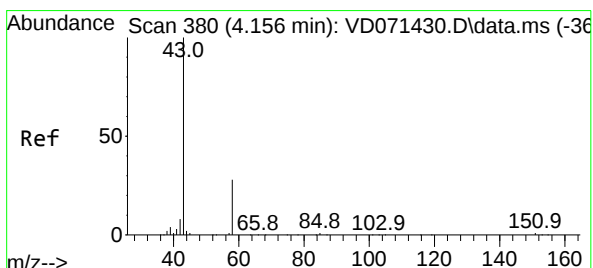
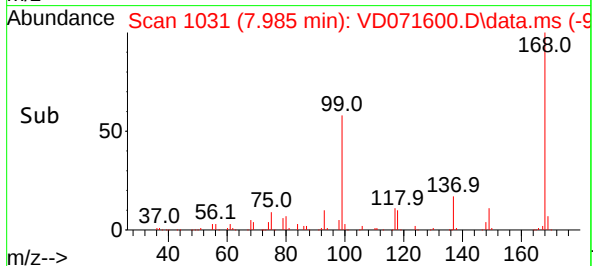
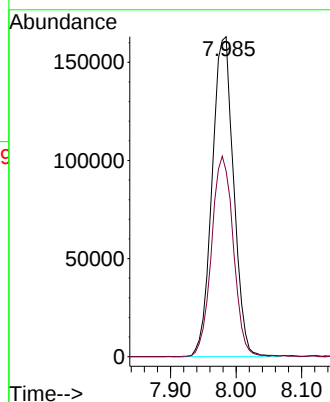


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.012 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Instrument :
MSVOA_D
ClientSampleId :

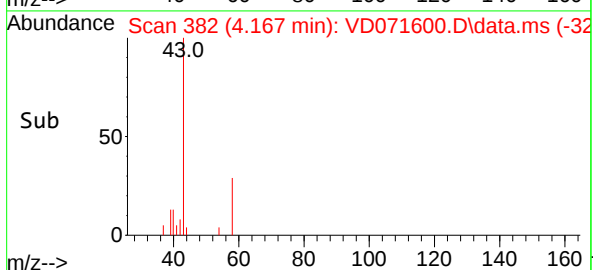
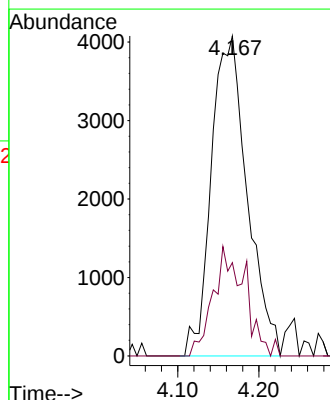
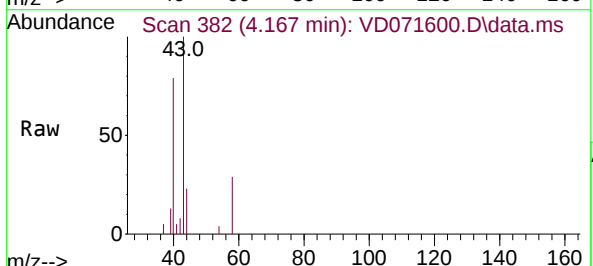


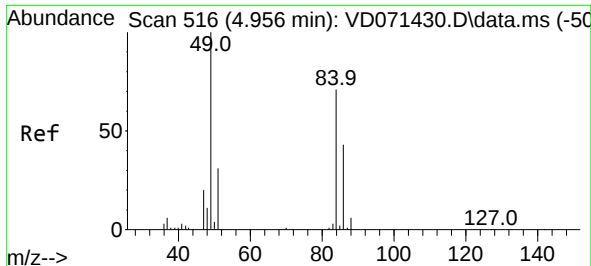
Tgt Ion:168 Resp: 371626
Ion Ratio Lower Upper
168 100
99 58.0 46.6 69.8



#16
Acetone
Concen: 10.099 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Tgt Ion: 43 Resp: 12520
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8

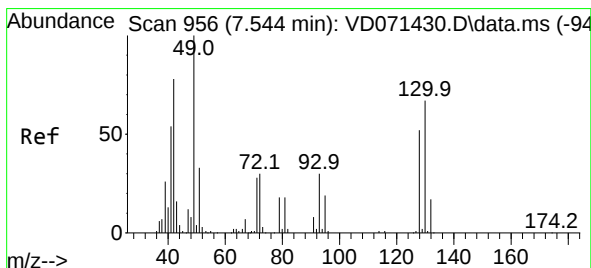
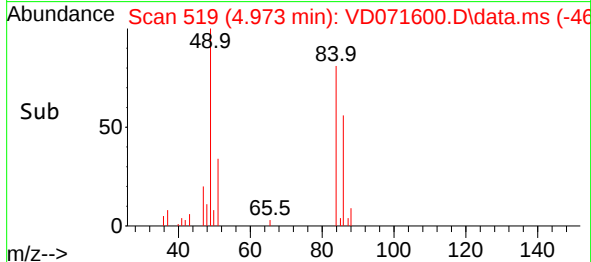
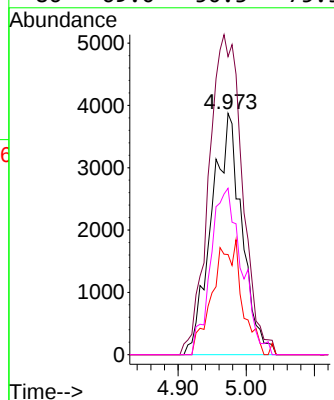
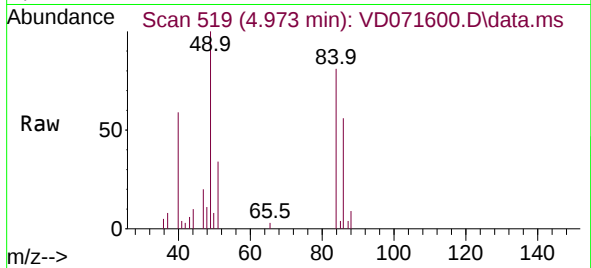




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

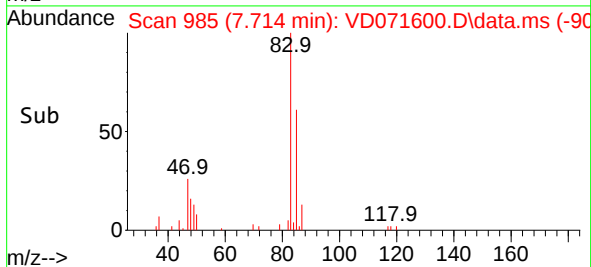
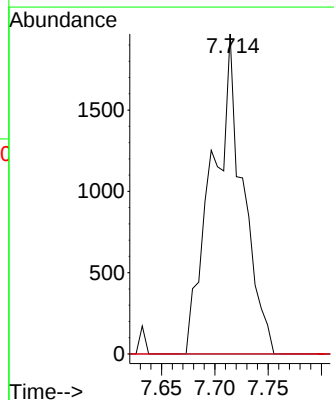
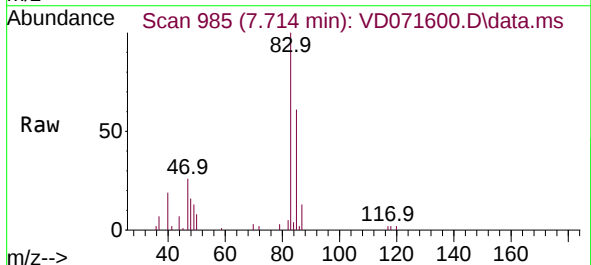
Instrument :
MSVOA_D
ClientSampleId :

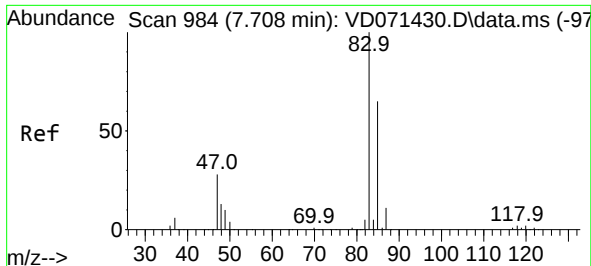
Tgt Ion:	84	Resp:	11966
Ion	Ratio	Lower	Upper
84	100		
49	123.6	95.8	143.6
51	41.5	30.9	46.3
86	69.0	50.3	75.5



#28
Bromochloromethane
Concen: 1.127 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.176 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Tgt Ion:	49	Resp:	3946
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	60.2	90.2





#30

Chloroform

Concen: 4.839 ug/l

RT: 7.708 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071600.D

Acq: 04 Jan 2022 18:30

Instrument :

MSVOA_D

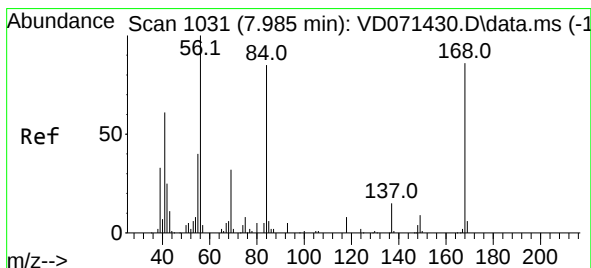
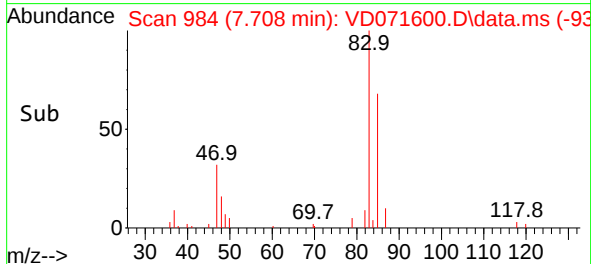
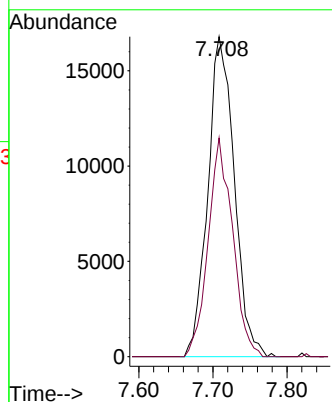
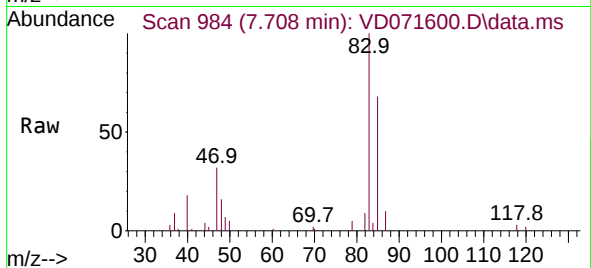
ClientSampleId :

Tgt Ion: 83 Resp: 41731

Ion Ratio Lower Upper

83 100

85 68.4 51.0 76.6



#31

Cyclohexane

Concen: 1.353 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071600.D

Acq: 04 Jan 2022 18:30

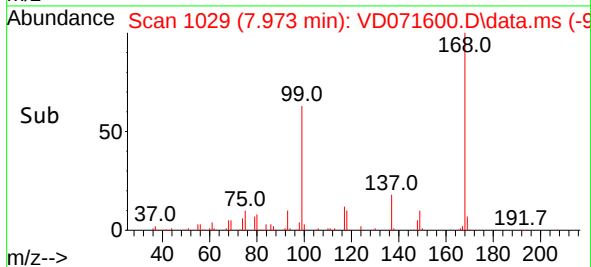
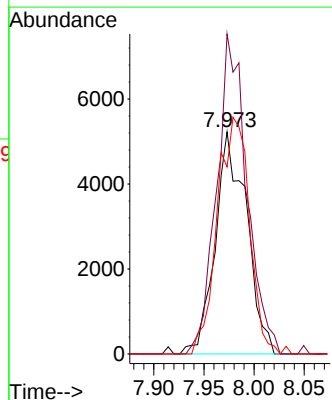
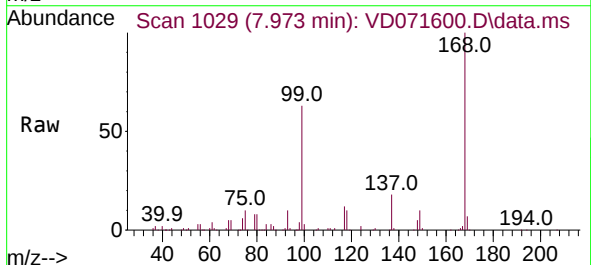
Tgt Ion: 56 Resp: 11348

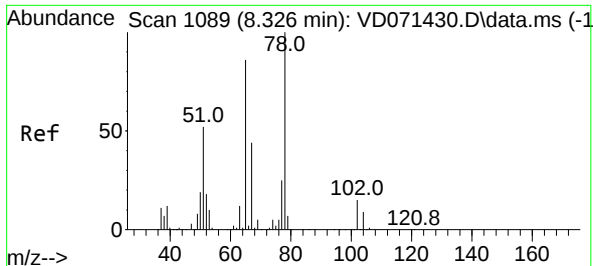
Ion Ratio Lower Upper

56 100

69 144.0 25.9 38.9#

84 84.2 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 47.054 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071600.D

Acq: 04 Jan 2022 18:30

Instrument :

MSVOA_D

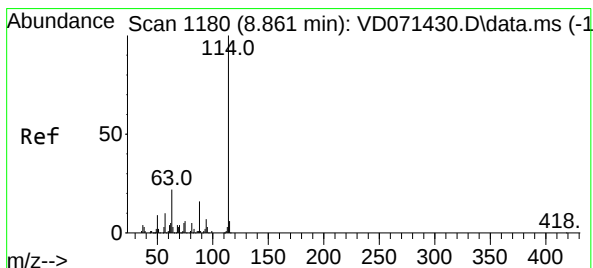
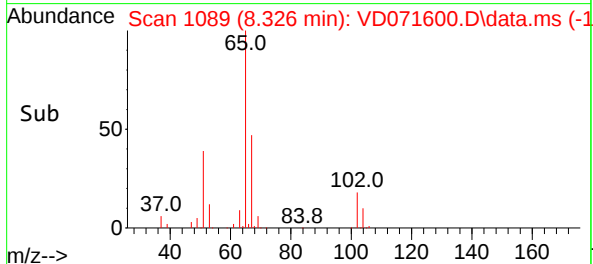
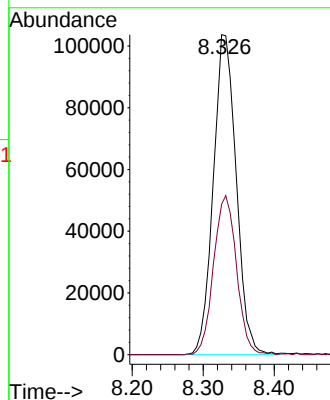
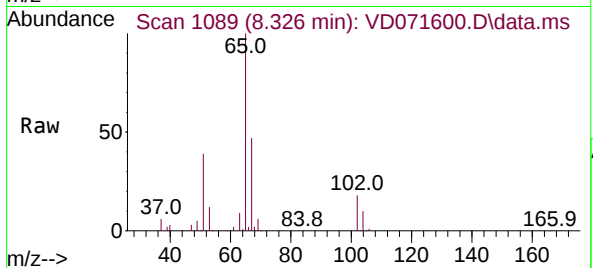
ClientSampleId :

Tgt Ion: 65 Resp: 232237

Ion Ratio Lower Upper

65 100

67 49.7 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: VD071600.D

Acq: 04 Jan 2022 18:30

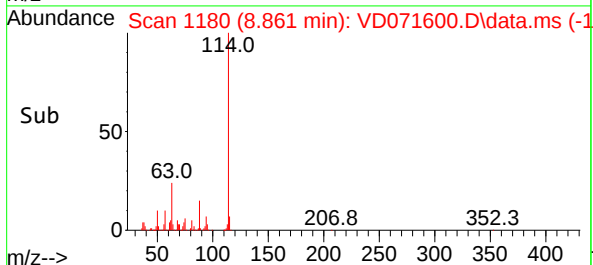
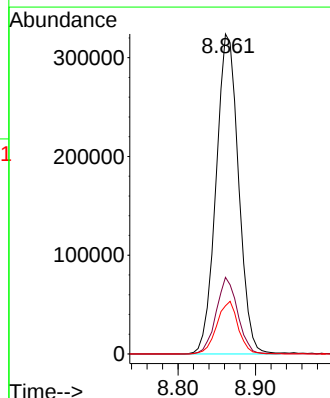
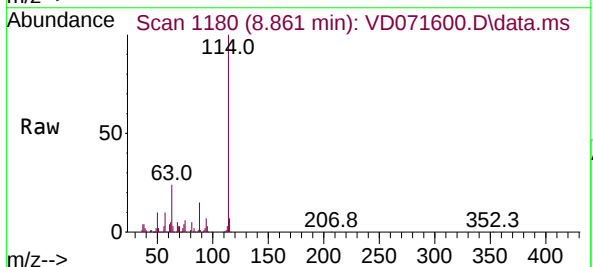
Tgt Ion: 114 Resp: 654073

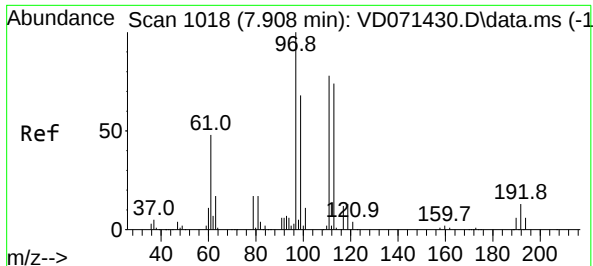
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

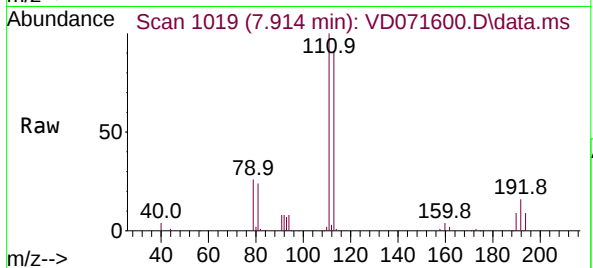
88 15.1 0.0 32.8



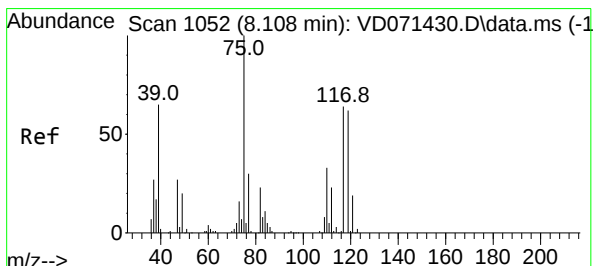
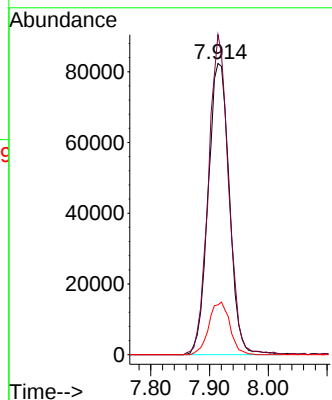
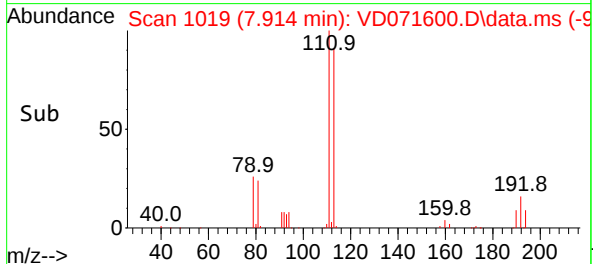


#35
Dibromofluoromethane
Concen: 47.002 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Instrument :
MSVOA_D
ClientSampleId :

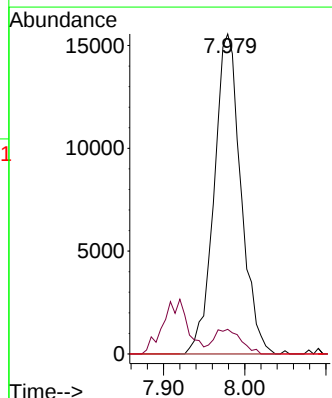
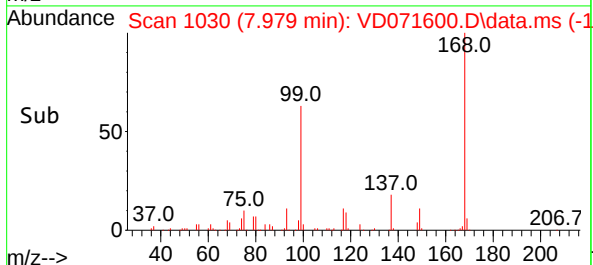
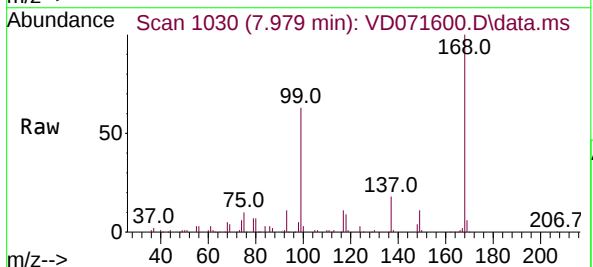


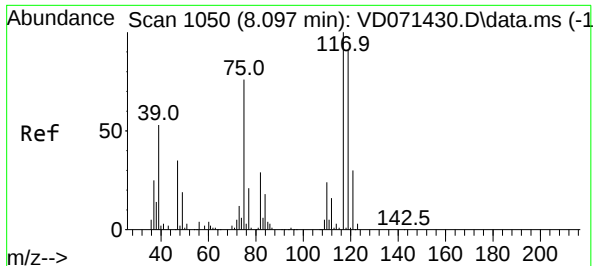
Tgt Ion:113 Resp: 206614
Ion Ratio Lower Upper
113 100
111 104.5 82.0 123.0
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

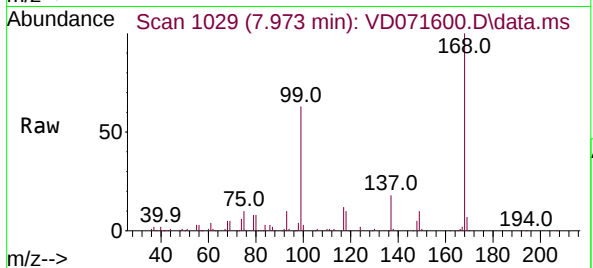
Tgt Ion: 75 Resp: 35593
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.4#
77 0.0 24.8 37.2#



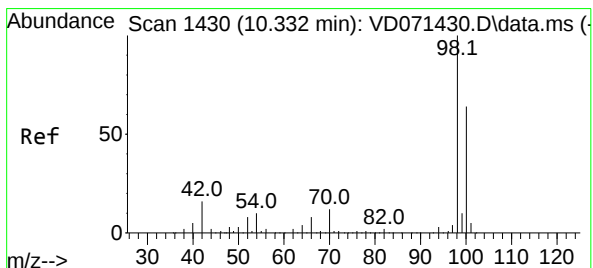
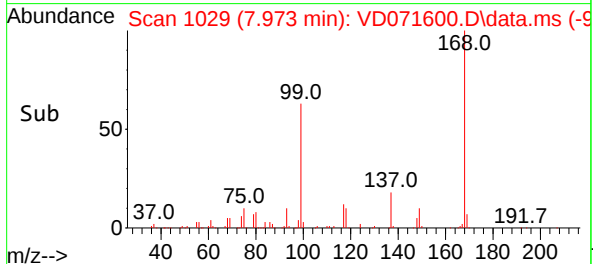
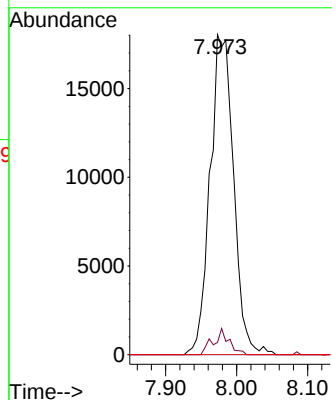


#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Instrument :
MSVOA_D
ClientSampleId :

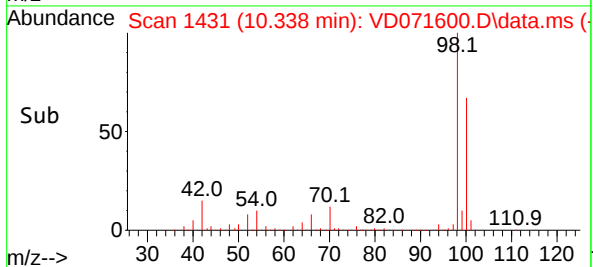
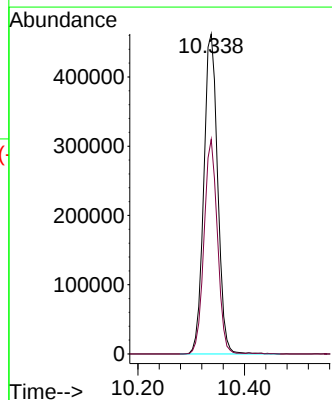
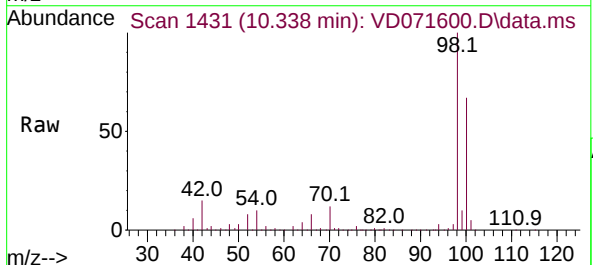


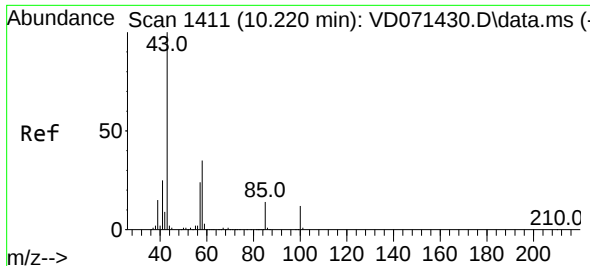
Tgt Ion:117 Resp: 41469
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 50.170 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Tgt Ion: 98 Resp: 833423
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

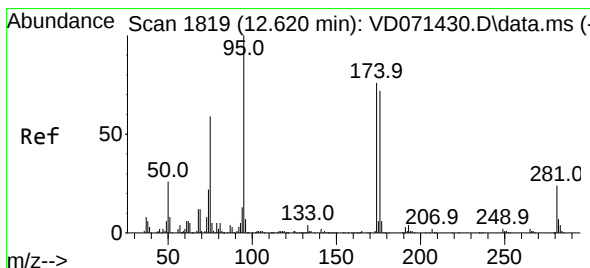
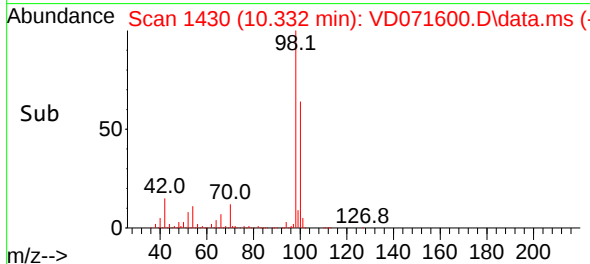
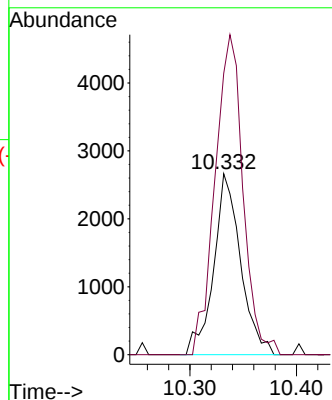
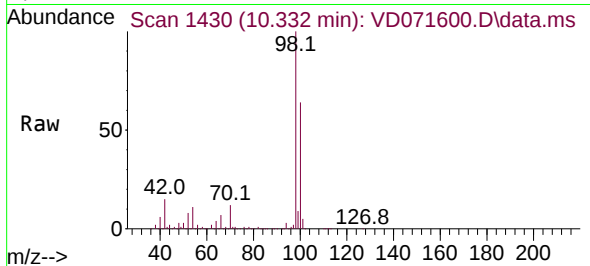




#51
4-Methyl-2-Pentanone
Concen: 1.382 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

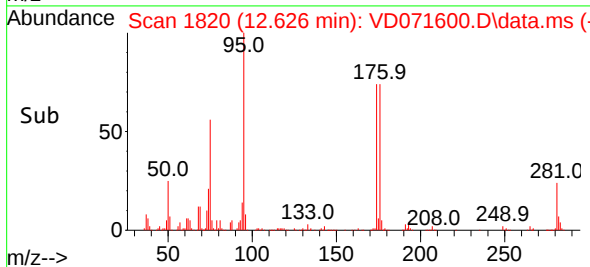
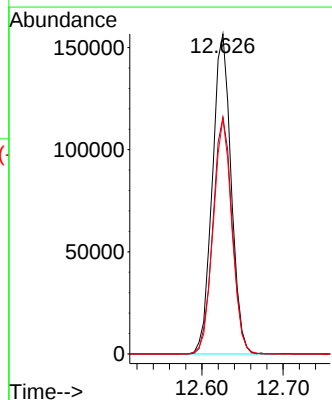
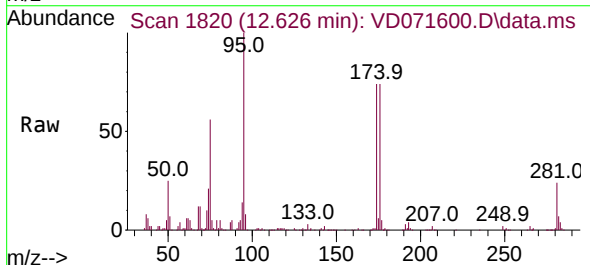
Instrument :
MSVOA_D
ClientSampleId :

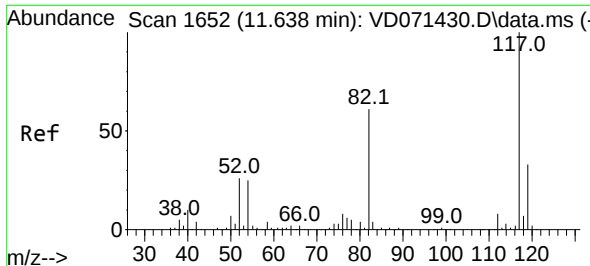
Tgt Ion: 43 Resp: 4678
Ion Ratio Lower Upper
43 100
58 183.7 33.1 49.7#



#62
4-Bromofluorobenzene
Concen: 42.585 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Tgt Ion: 95 Resp: 251386
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.1 0.0 154.0

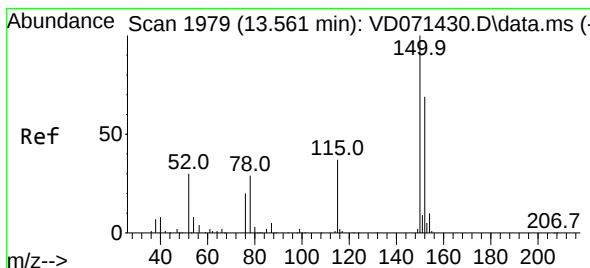
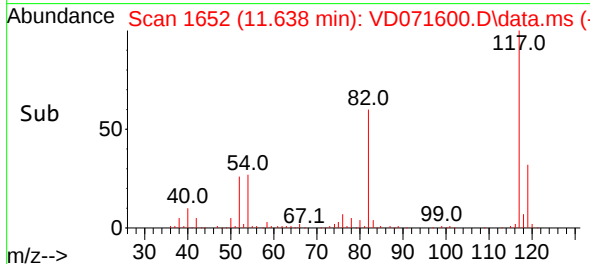
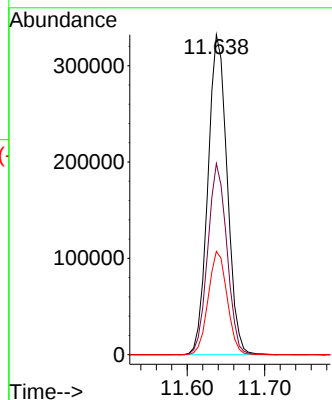
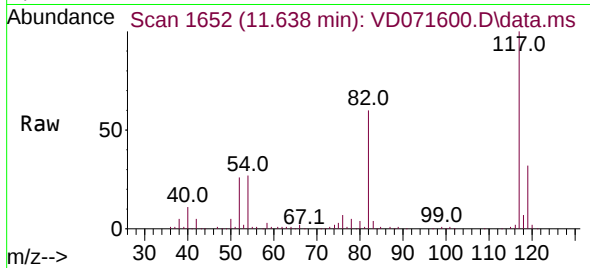




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

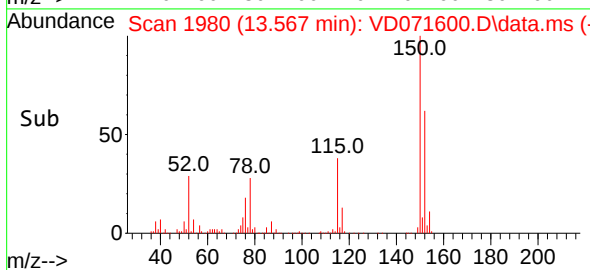
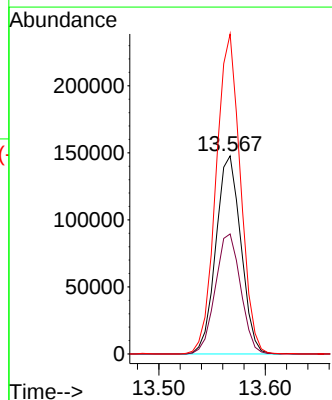
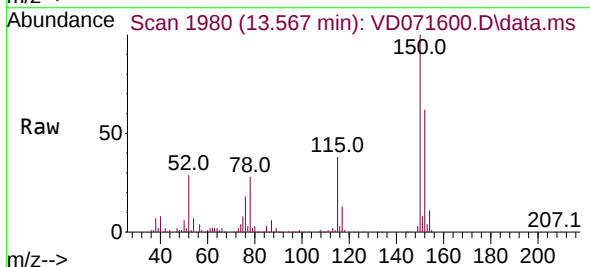
Instrument :
MSVOA_D
ClientSampleId :

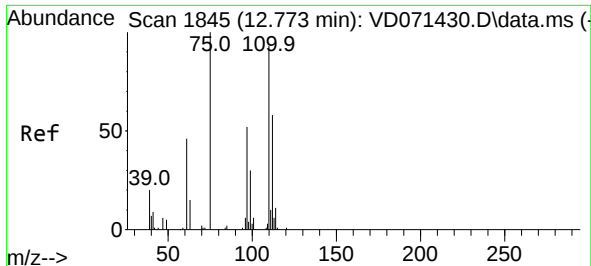
Tgt Ion:117 Resp: 572419
Ion Ratio Lower Upper
117 100
82 59.8 44.7 67.1
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Tgt Ion:152 Resp: 240482
Ion Ratio Lower Upper
152 100
115 61.4 29.8 89.3
150 157.5 0.0 349.2

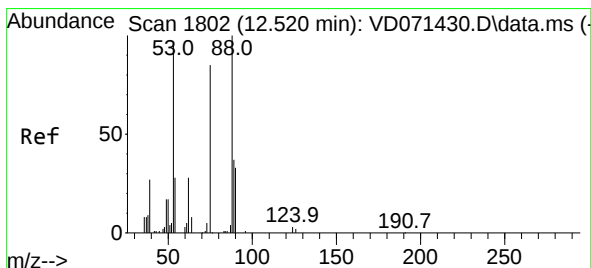
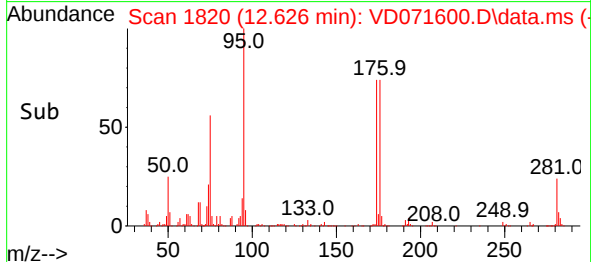
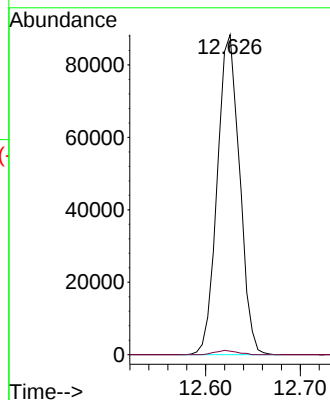
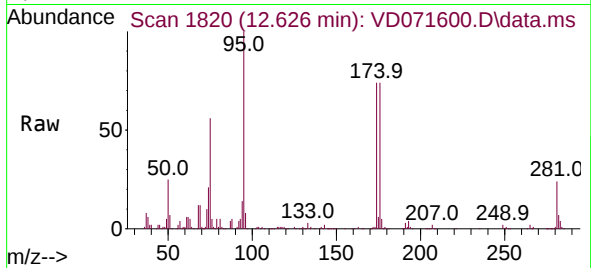




#76
1,2,3-Trichloropropane
Concen: 50.669 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 144780
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.167 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071600.D
Acq: 04 Jan 2022 18:30

Tgt Ion: 75 Resp: 144780
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.5 34.5 51.7#

