

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071569.D
 Acq On : 03 Jan 2022 16:45
 Operator : VA/SY
 Sample : M5241-04
 Misc : 4.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 16:58:08 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)

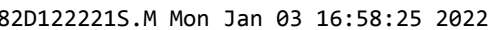
Internal Standards						
1) Pentafluorobenzene	7.979	168	442057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	741494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	699401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	298904	50.000	ug/l	0.00

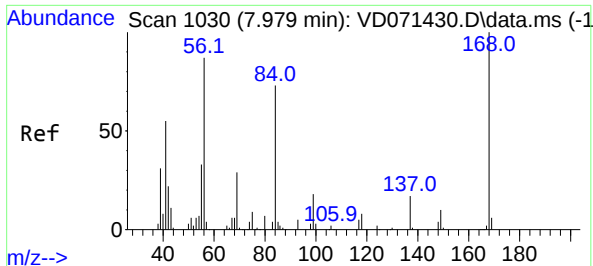
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	231954	39.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.020%
35) Dibromofluoromethane	7.914	113	224864	45.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.240%
50) Toluene-d8	10.338	98	928527	49.305	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.626	95	318605	47.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.220%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.191	59	2861	Below Cal	#	71
16) Acetone	4.156	43	2165	1.468	ug/l	# 40
20) Methylene Chloride	4.968	84	21182	Below Cal	#	86
31) Cyclohexane	7.979	56	13759	1.380	ug/l	# 28
36) 1,1-Dichloropropene	7.979	75	41679	5.235	ug/l	# 50
38) Carbon Tetrachloride	7.979	117	49962	6.361	ug/l	# 17
49) 1,4-Dioxane	9.497	88	75	2.163	ug/l	# 23
74) N-amyl acetate	12.267	43	7055	1.141	ug/l	# 73
76) 1,2,3-Trichloropropane	12.626	75	184536	51.960	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	184536	146.814	ug/l	# 18

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

Quant Time: Jan 03 16:58:08 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

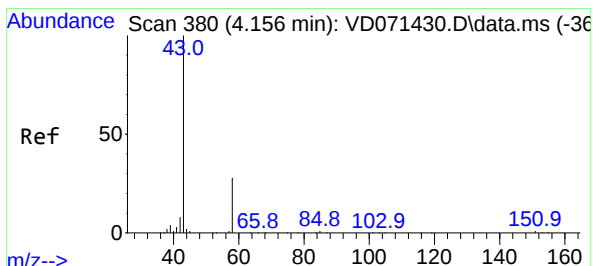
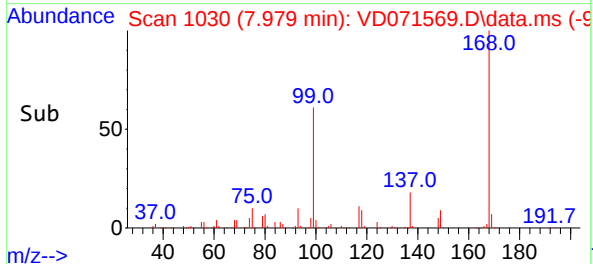
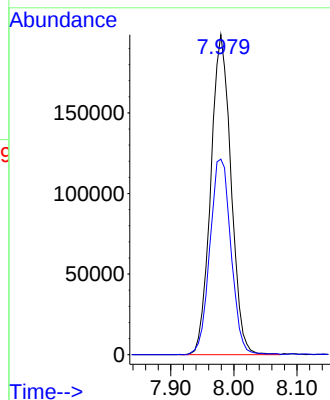
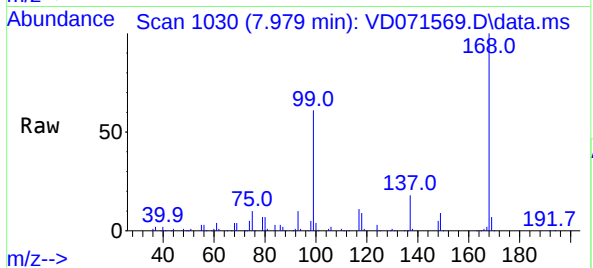




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

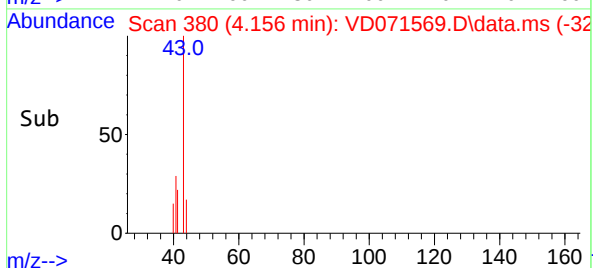
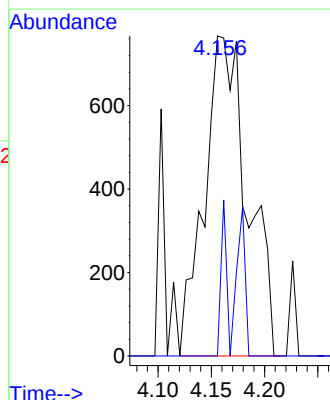
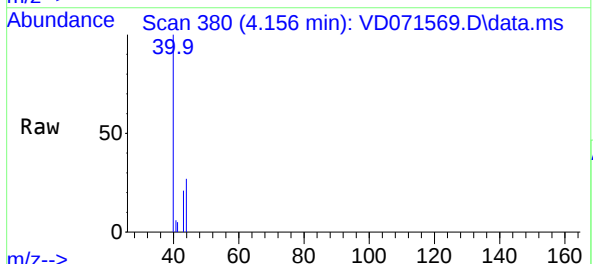
Instrument :
MSVOA_D
ClientSampleId :

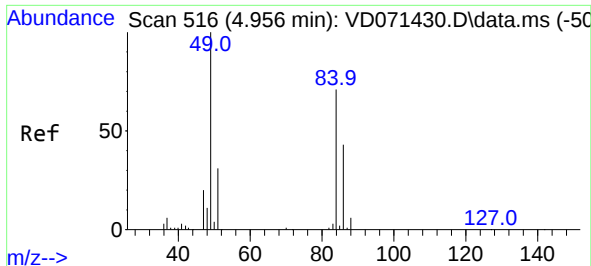
Tgt Ion:168 Resp: 442057
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#16
Acetone
Concen: 1.468 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

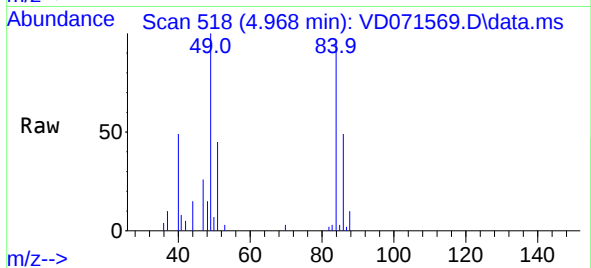
Tgt Ion: 43 Resp: 2165
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#





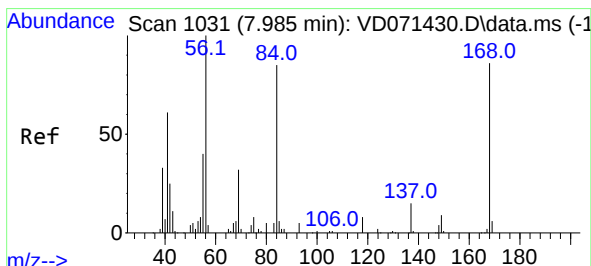
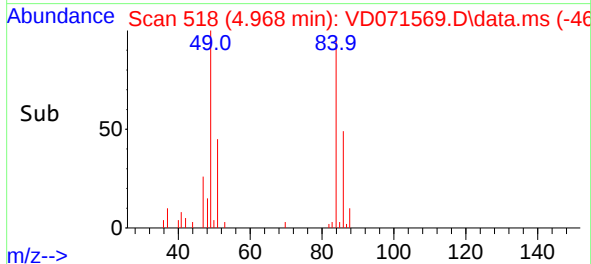
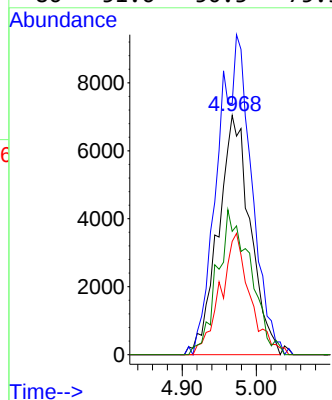
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 21182

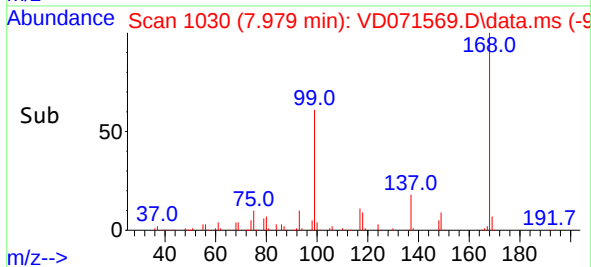
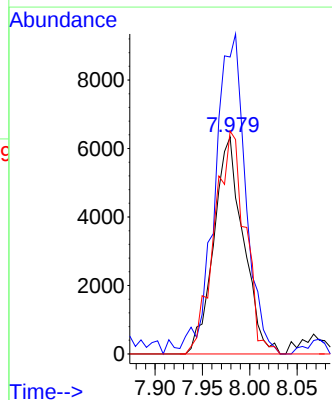
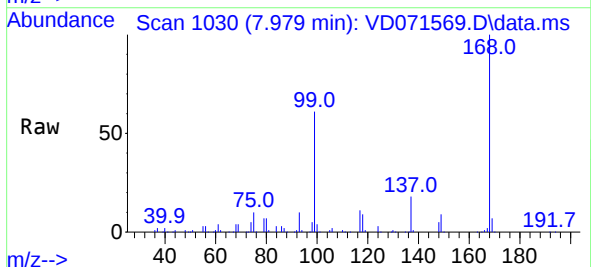
Ion	Ratio	Lower	Upper
84	100		
49	105.0	95.8	143.6
51	47.4	30.9	46.3#
86	51.6	50.3	75.5

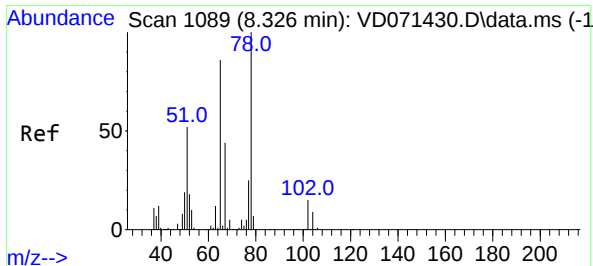


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

Tgt Ion: 56 Resp: 13759

Ion	Ratio	Lower	Upper
56	100		
69	136.9	25.9	38.9#
84	102.8	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 39.509 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071569.D

Acq: 03 Jan 2022 16:45

Instrument :

MSVOA_D

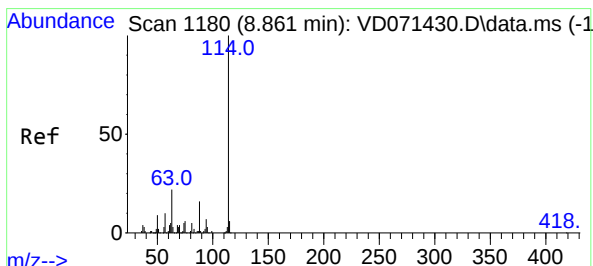
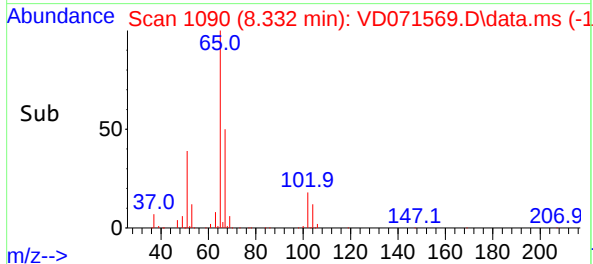
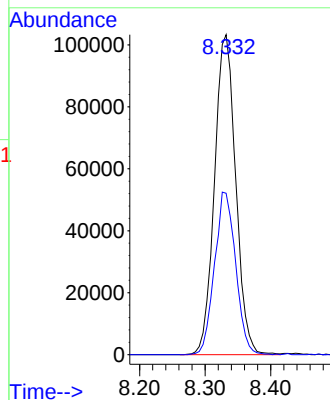
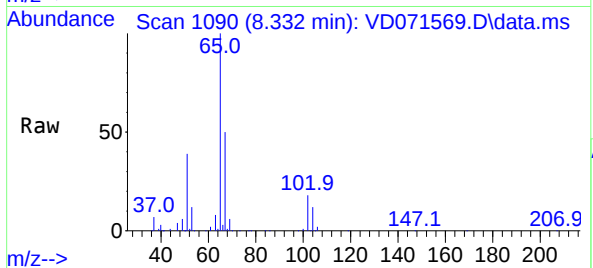
ClientSampleId :

Tgt Ion: 65 Resp: 231954

Ion Ratio Lower Upper

65 100

67 50.6 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: VD071569.D

Acq: 03 Jan 2022 16:45

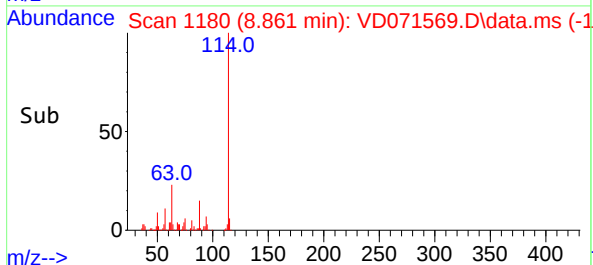
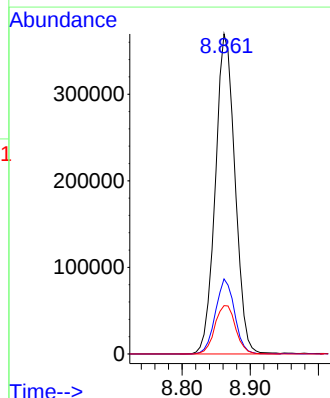
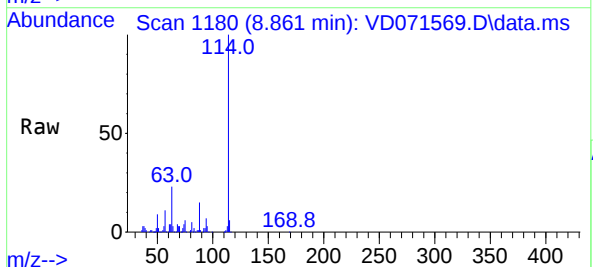
Tgt Ion: 114 Resp: 741494

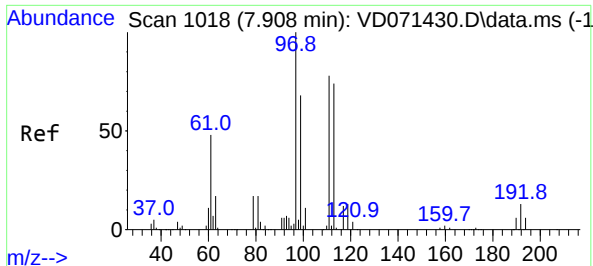
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

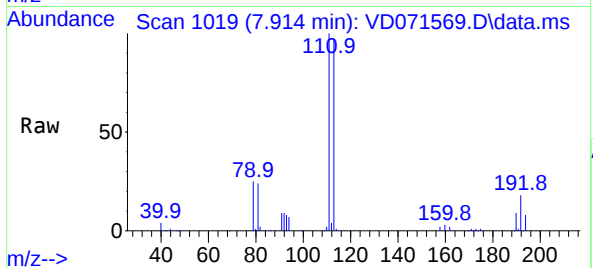
88 15.1 0.0 32.8



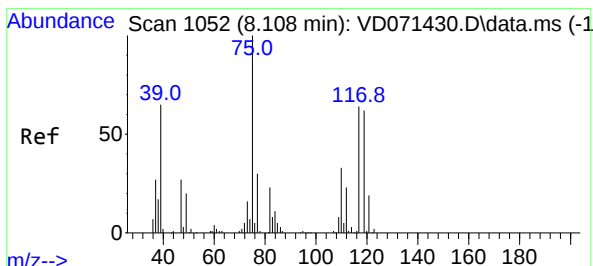
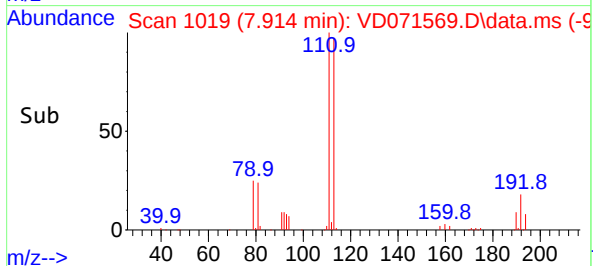
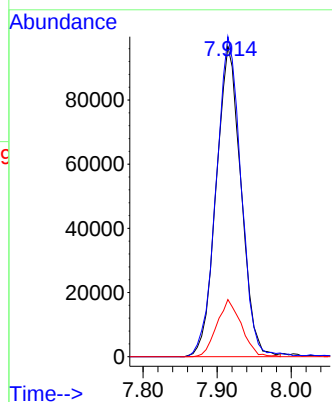


#35
Dibromofluoromethane
Concen: 45.122 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :

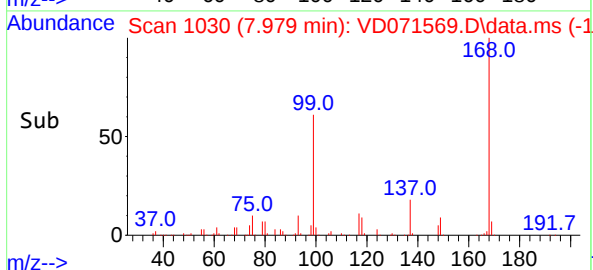
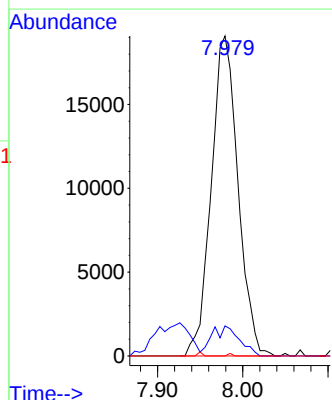
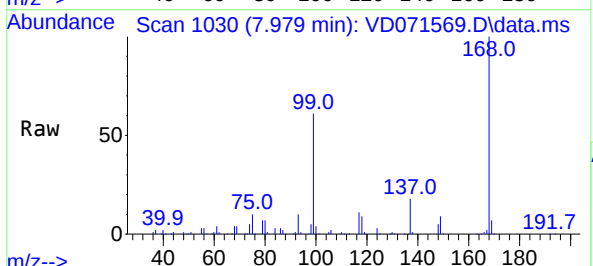


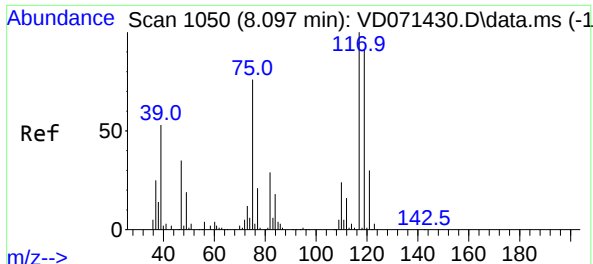
Tgt Ion:113 Resp: 224864
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 18.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.235 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

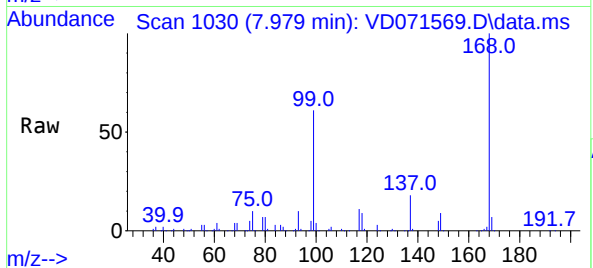
Tgt Ion: 75 Resp: 41679
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.4#
77 0.1 24.8 37.2#



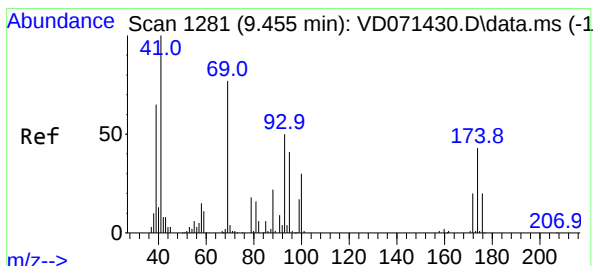
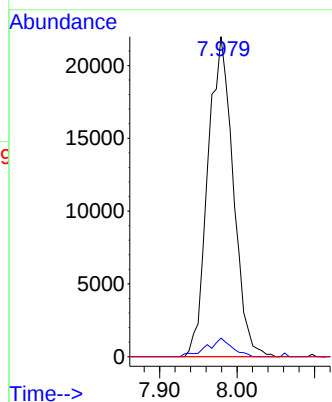
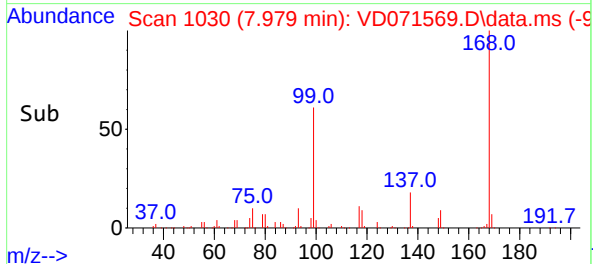


#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

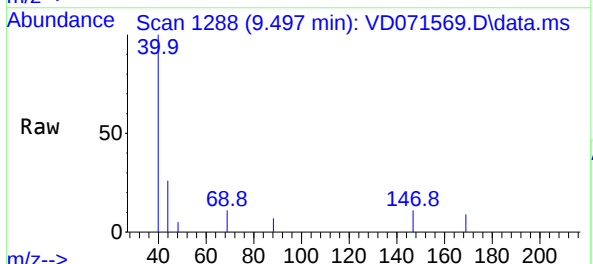
Instrument :
MSVOA_D
ClientSampleId :



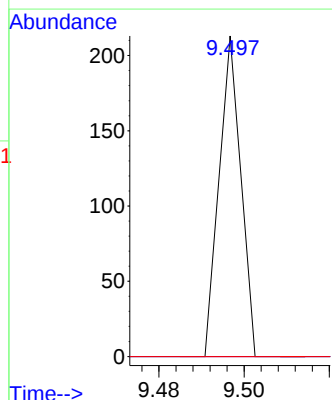
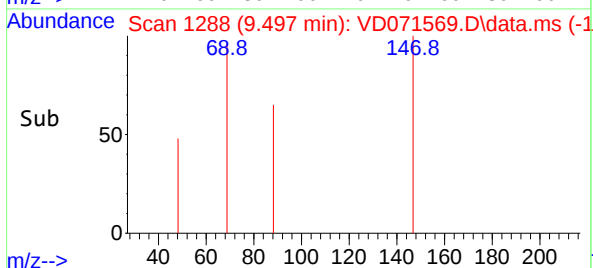
Tgt Ion:117 Resp: 49962
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 23.6 35.4#

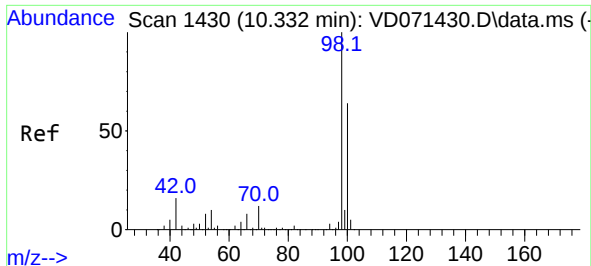


#49
1,4-Dioxane
Concen: 2.163 ug/l
RT: 9.497 min Scan# 1288
Delta R.T. 0.042 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45



Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#

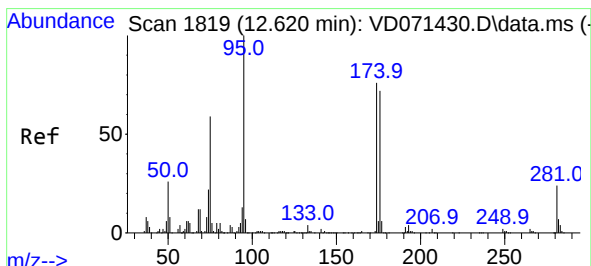
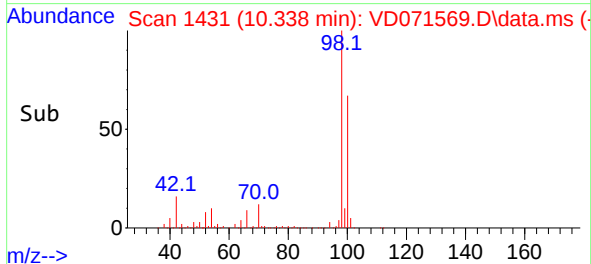
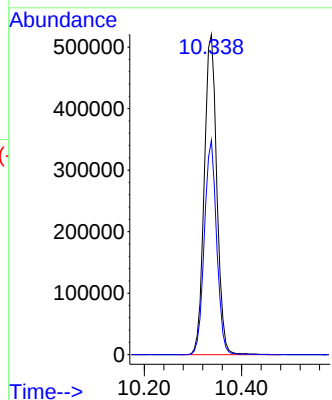
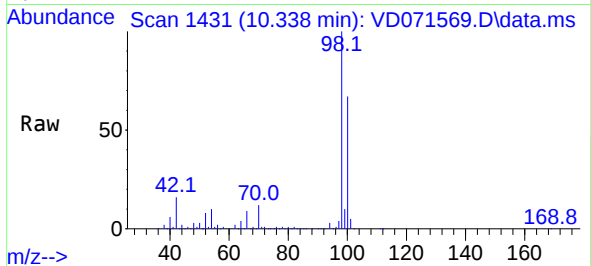




#50
Toluene-d8
Concen: 49.305 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

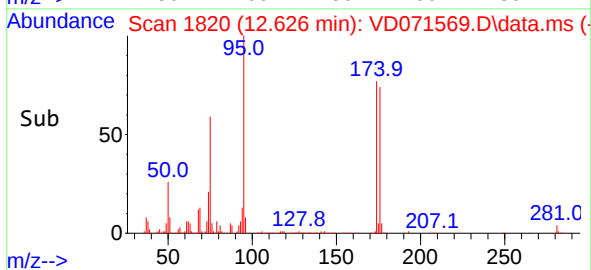
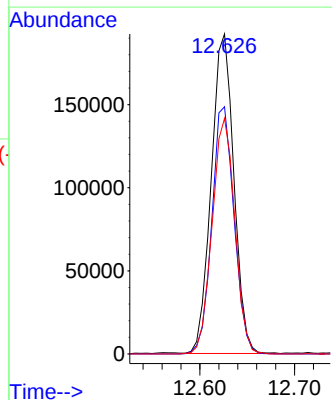
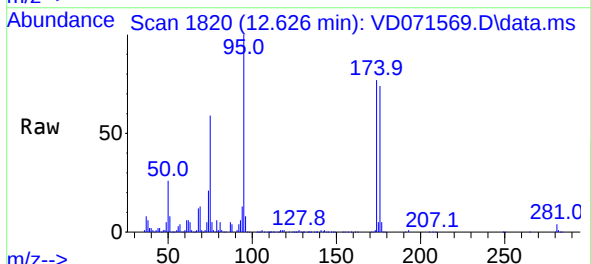
Instrument :
MSVOA_D
ClientSampleId :

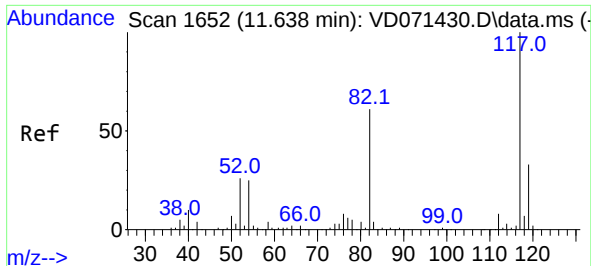
Tgt Ion: 98 Resp: 928527
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.609 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

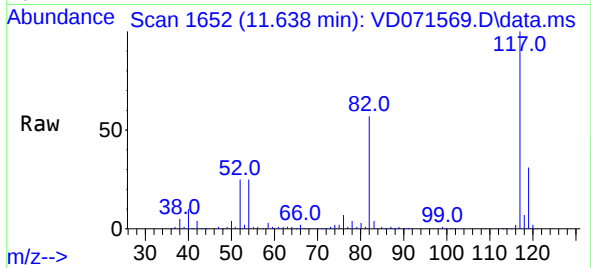
Tgt Ion: 95 Resp: 318605
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.4
176 74.1 0.0 154.0



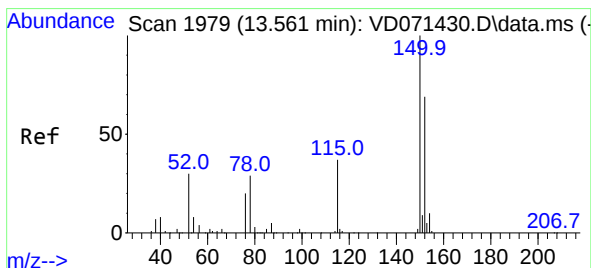
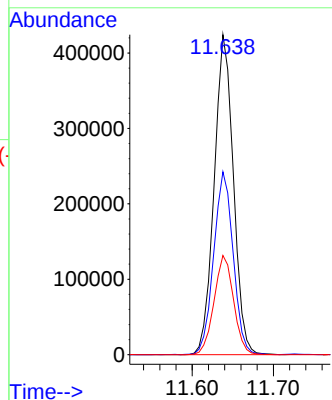


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

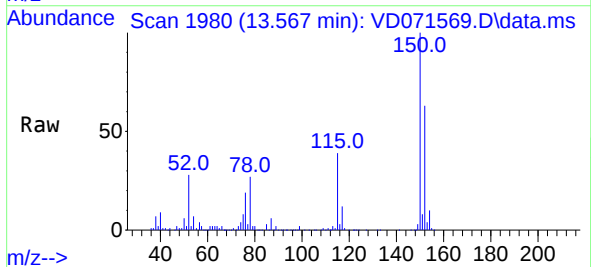
Instrument :
MSVOA_D
ClientSampleId :



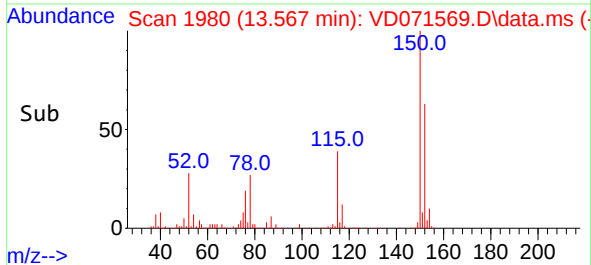
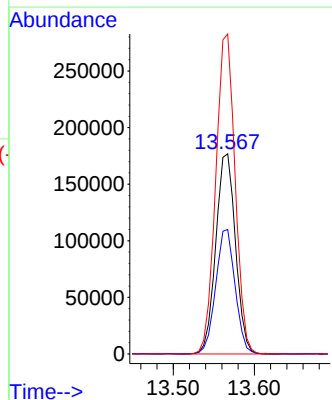
Tgt Ion:117 Resp: 699401
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 31.0 26.2 39.4

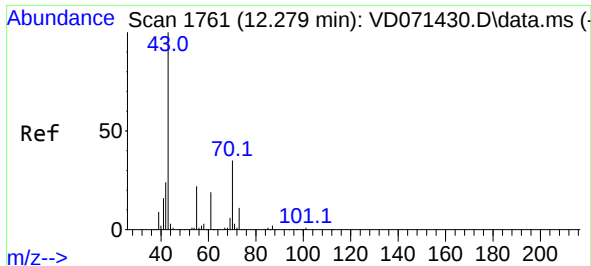


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45



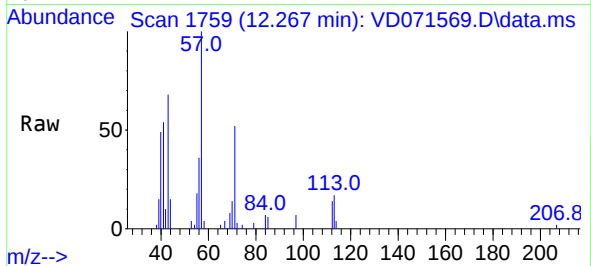
Tgt Ion:152 Resp: 298904
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 157.0 0.0 349.2





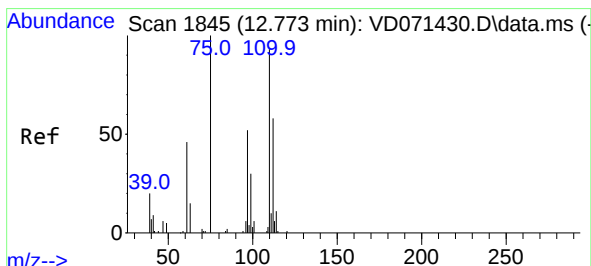
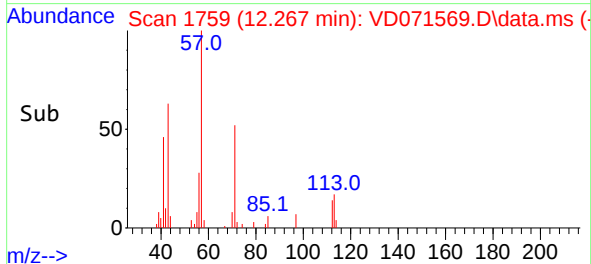
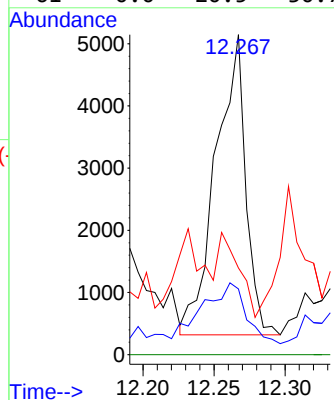
#74
N-amy1 acetate
Concen: 1.141 ug/l
RT: 12.267 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 7055

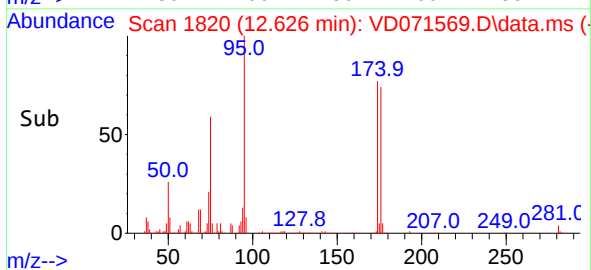
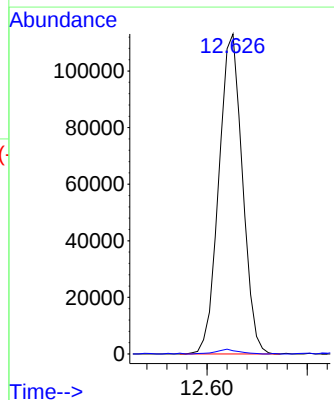
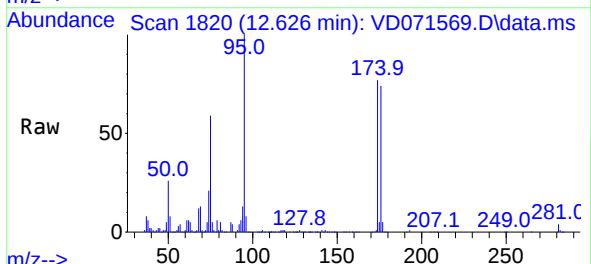
Ion	Ratio	Lower	Upper
43	100		
70	29.5	36.6	55.0#
55	23.3	22.5	33.7
61	0.0	20.5	30.7#

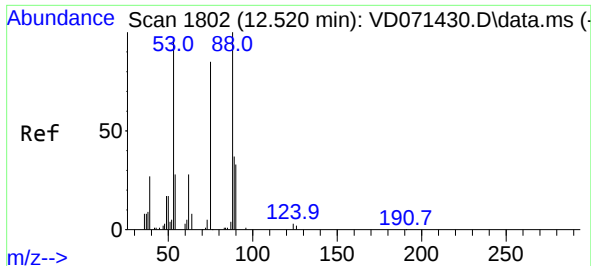


#76
1,2,3-Trichloropropane
Concen: 51.960 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071569.D
Acq: 03 Jan 2022 16:45

Tgt Ion: 75 Resp: 184536

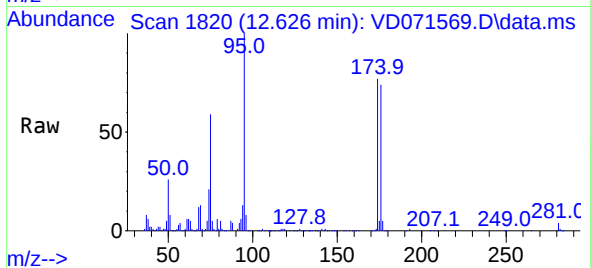
Ion	Ratio	Lower	Upper
75	100		
77	1.4	158.4	475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.814 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071569.D
 Acq: 03 Jan 2022 16:45

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 184536
 Ion Ratio Lower Upper
 75 100
 53 0.3 62.6 94.0#
 89 0.1 34.5 51.7#

