

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072954.D
 Acq On : 12 May 2022 18:18
 Operator : VA/SY
 Sample : N2782-05
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P019-SS001-0612-01

Quant Time: May 13 05:56:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

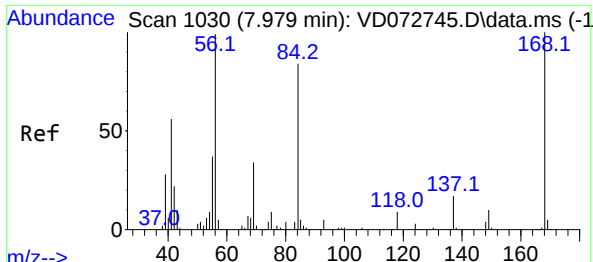
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	304771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	550156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	533329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	217472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182219	46.060	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.120%		
35) Dibromofluoromethane	7.908	113	185908	48.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.332	98	671788	48.470	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.940%		
62) 4-Bromofluorobenzene	12.620	95	224691	43.478	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.960%		
Target Compounds						
5) Bromomethane	2.768	94	884	Below Cal	#	46
11) Tert butyl alcohol	5.167	59	2706	7.906	ug/l #	74
16) Acetone	4.150	43	3948	Below Cal		95
18) Methyl Acetate	4.503	43	131	Below Cal	#	55
20) Methylene Chloride	4.956	84	15242	Below Cal	#	75
31) Cyclohexane	7.967	56	7153	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	26181	4.167	ug/l #	52
38) Carbon Tetrachloride	7.973	117	33980	5.210	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	116563	48.068	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	116563	110.537	ug/l #	7

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

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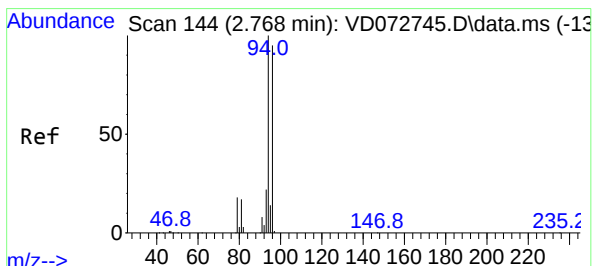
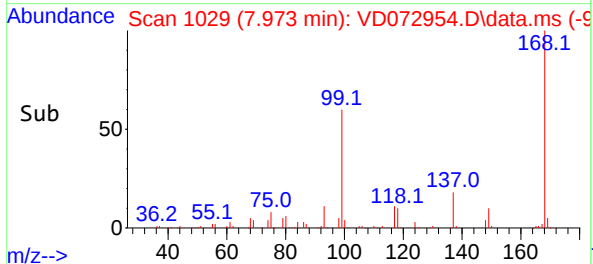
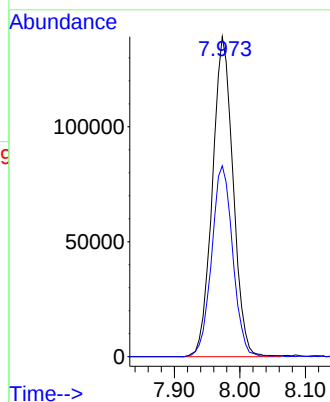
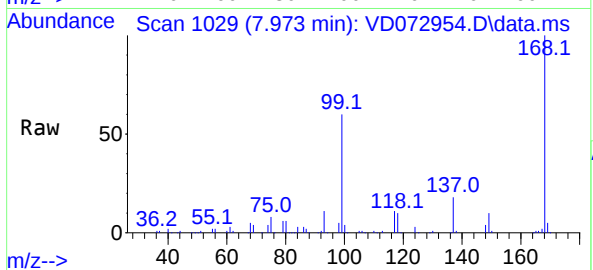




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

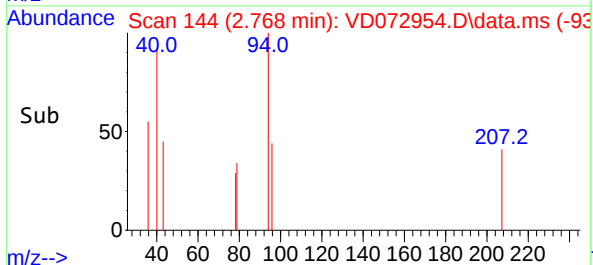
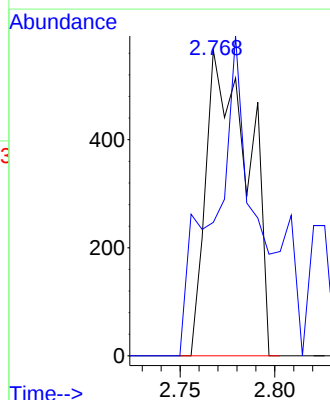
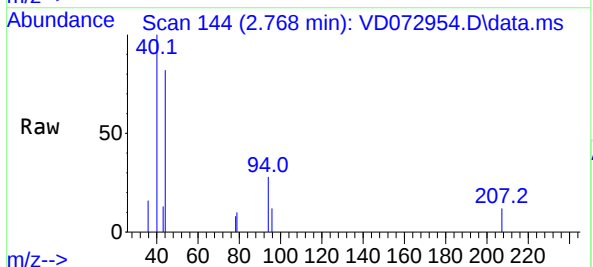
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01

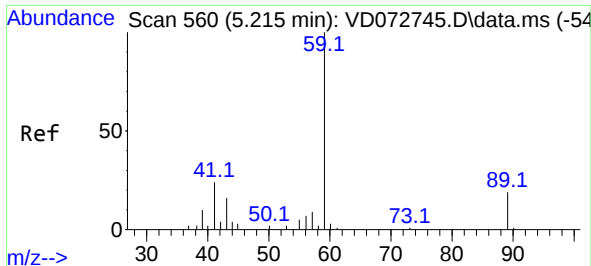
Tgt Ion:168 Resp: 304771
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Tgt Ion: 94 Resp: 884
Ion Ratio Lower Upper
94 100
96 43.6 77.6 116.4#

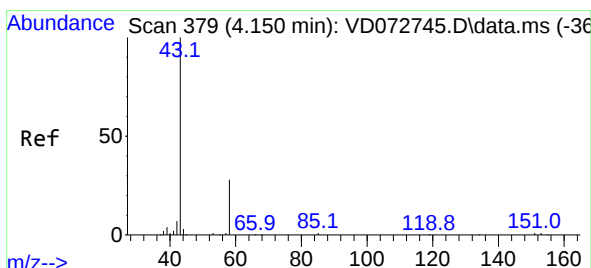
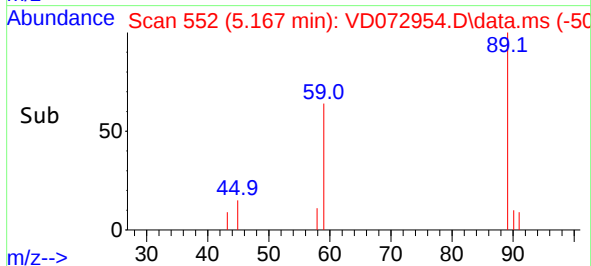
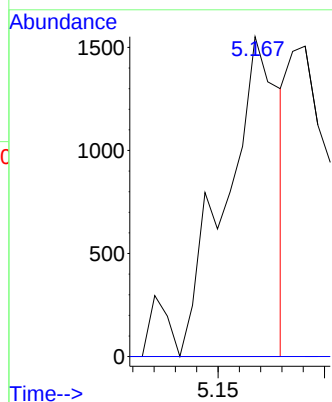
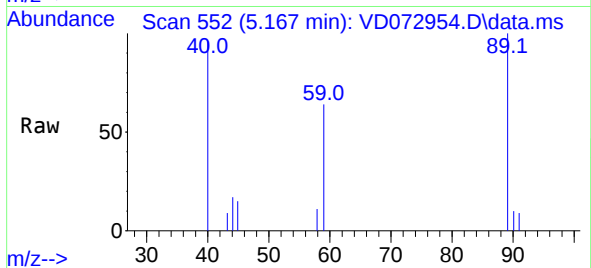




#11
Tert butyl alcohol
Concen: 7.906 ug/l
RT: 5.167 min Scan# 51
Delta R.T. -0.048 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

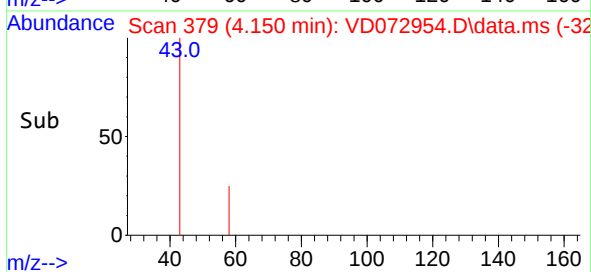
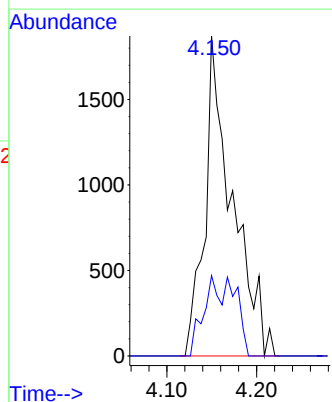
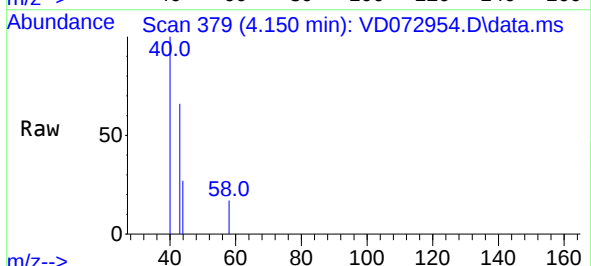
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01

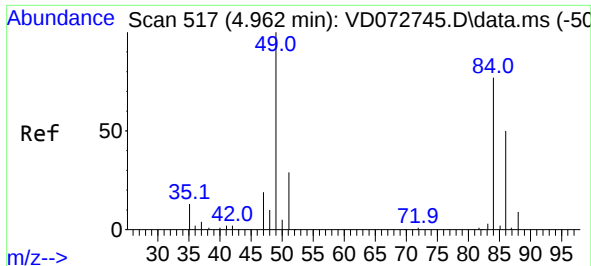
Tgt Ion: 59 Resp: 2706
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Tgt Ion: 43 Resp: 3948
Ion Ratio Lower Upper
43 100
58 25.1 22.1 33.1



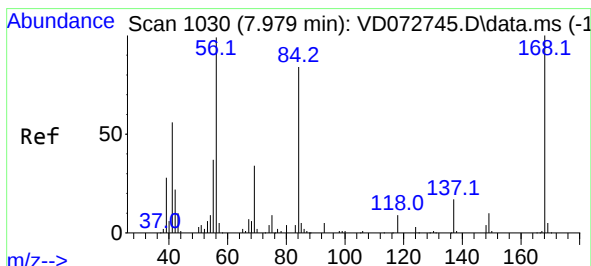
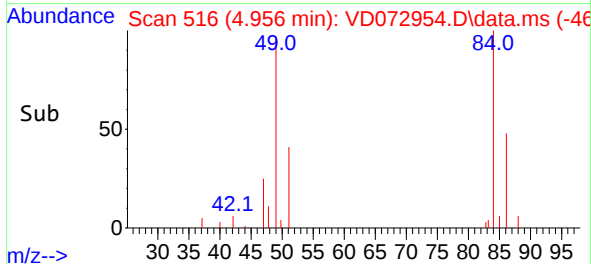
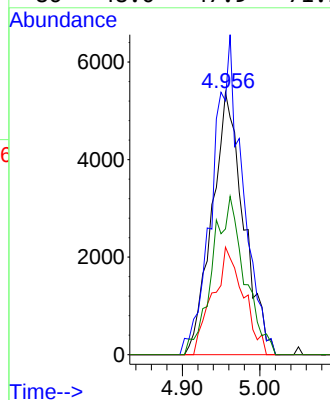
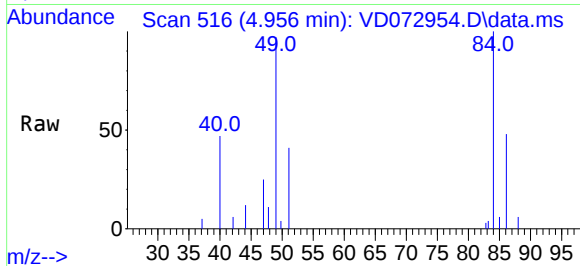


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01

Tgt Ion: 84 Resp: 15242

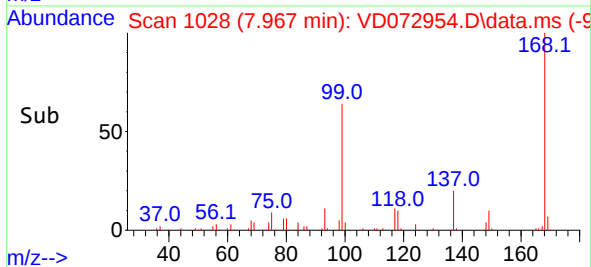
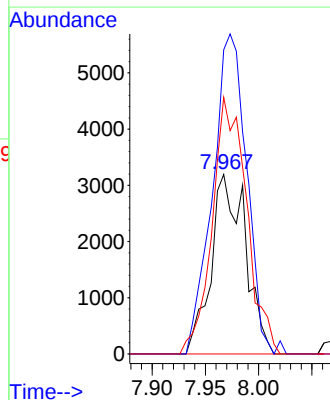
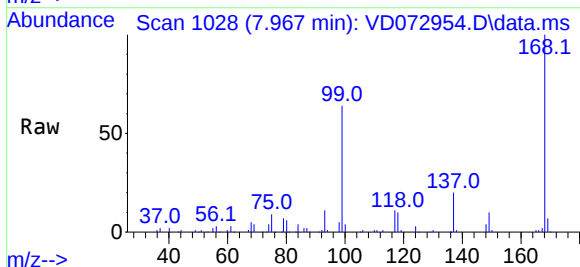
Ion	Ratio	Lower	Upper
84	100		
49	96.9	112.8	169.2#
51	41.0	32.6	48.8
86	48.0	47.9	71.9

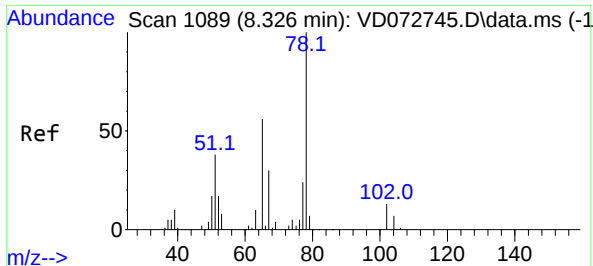


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Tgt Ion: 56 Resp: 7153

Ion	Ratio	Lower	Upper
56	100		
69	169.4	25.4	38.2#
84	142.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.060 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072954.D

Acq: 12 May 2022 18:18

Instrument :

MSVOA_D

ClientSampleId :

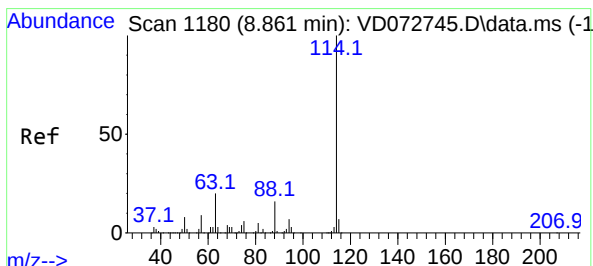
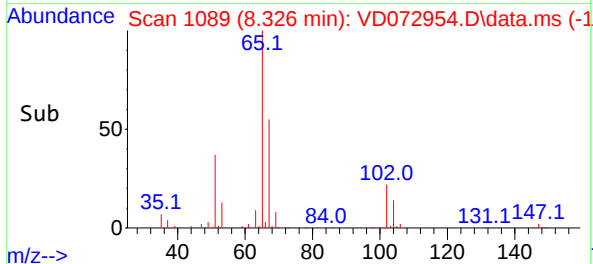
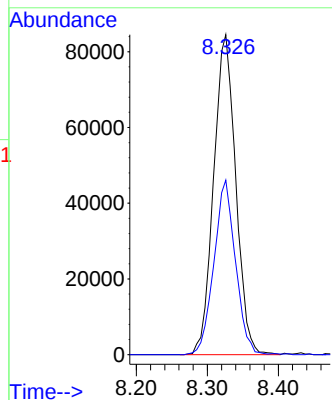
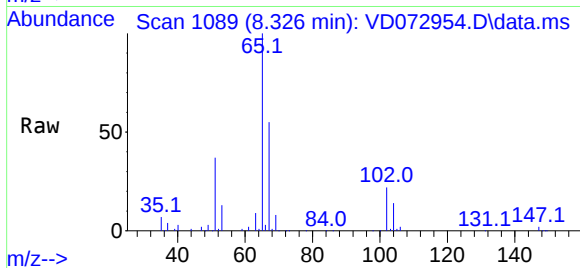
P019-SS001-0612-01

Tgt Ion: 65 Resp: 182219

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072954.D

Acq: 12 May 2022 18:18

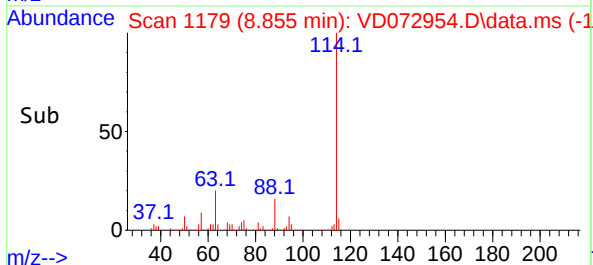
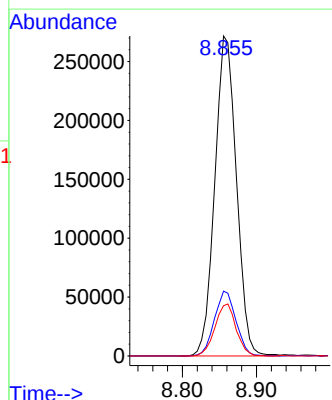
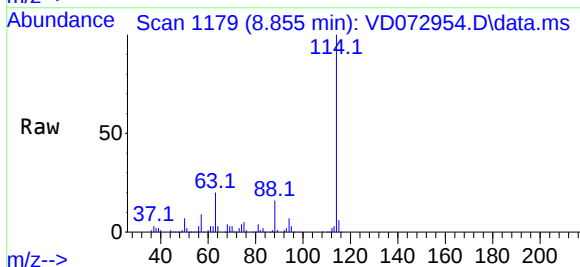
Tgt Ion: 114 Resp: 550156

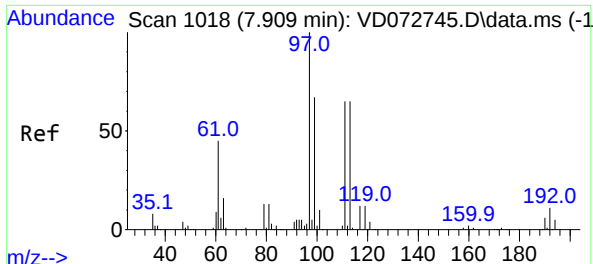
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

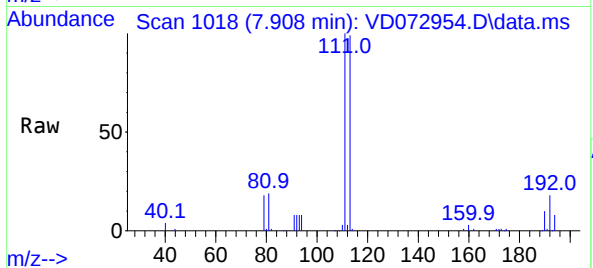
88 15.7 0.0 33.2



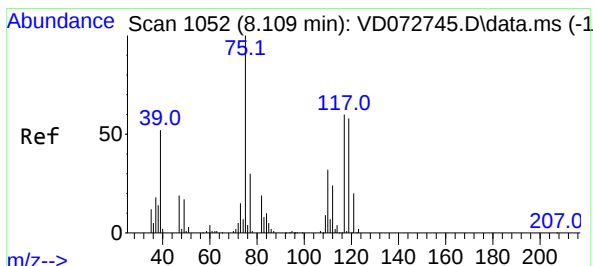
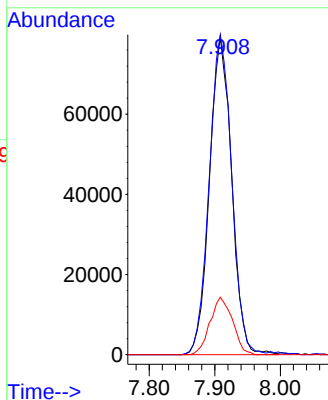
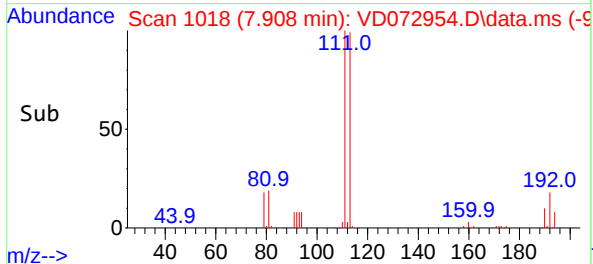


#35
Dibromofluoromethane
Concen: 48.115 ug/l
RT: 7.908 min Scan# 1030
Delta R.T. -0.001 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

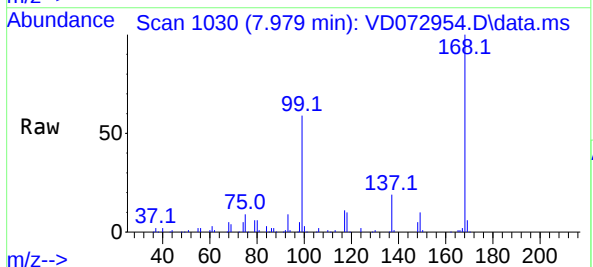
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01



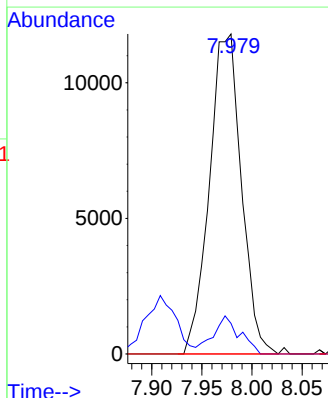
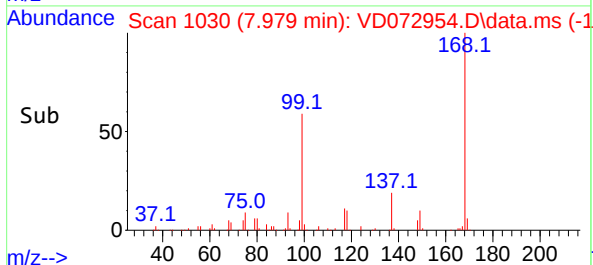
Tgt Ion:113 Resp: 185908
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.3 14.6 21.8

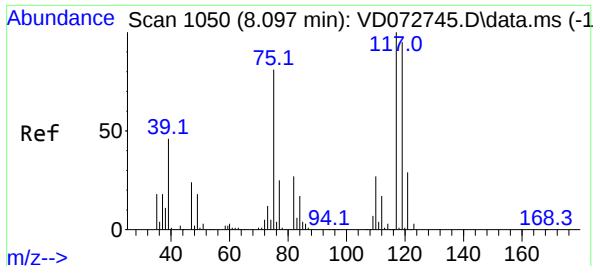


#36
1,1-Dichloropropene
Concen: 4.167 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18



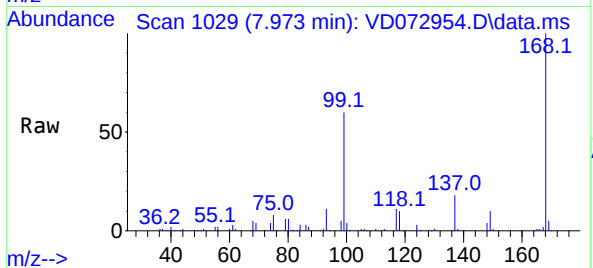
Tgt Ion: 75 Resp: 26181
Ion Ratio Lower Upper
75 100
110 9.9 16.4 49.1#
77 0.0 24.2 36.2#



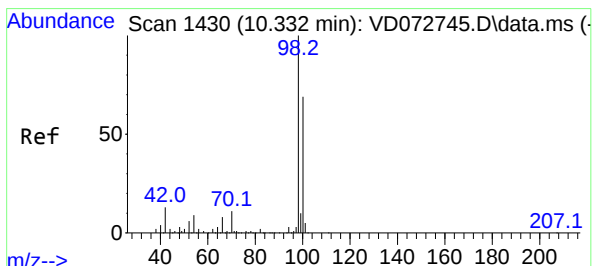
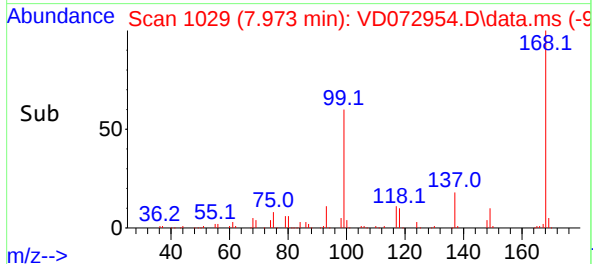
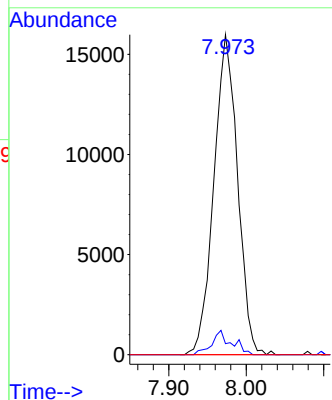


#38
Carbon Tetrachloride
Concen: 5.210 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01

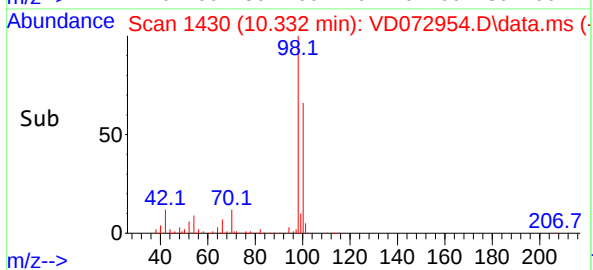
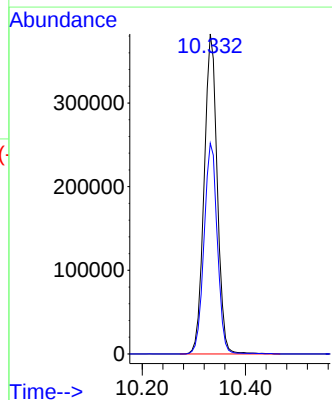
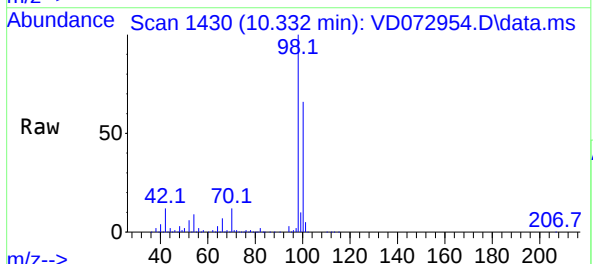


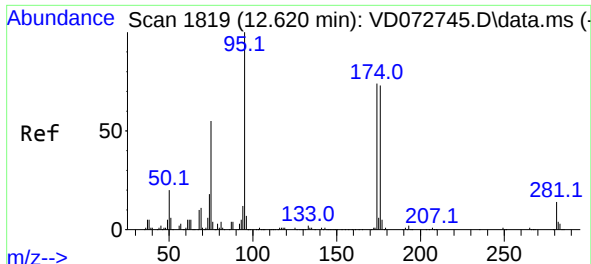
Tgt Ion:117 Resp: 33980
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.470 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Tgt Ion: 98 Resp: 671788
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

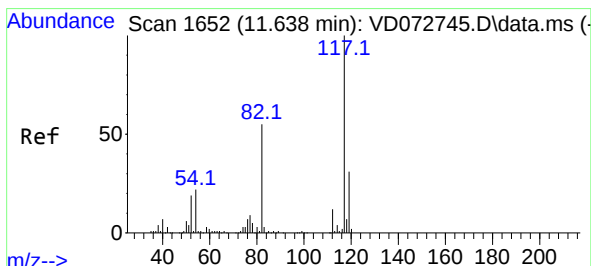
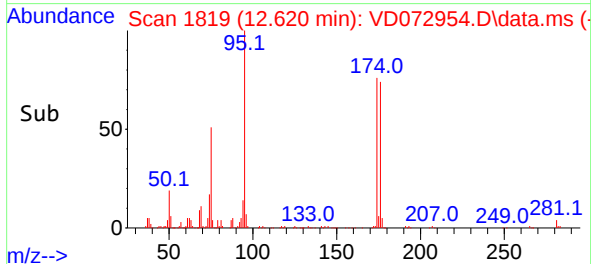
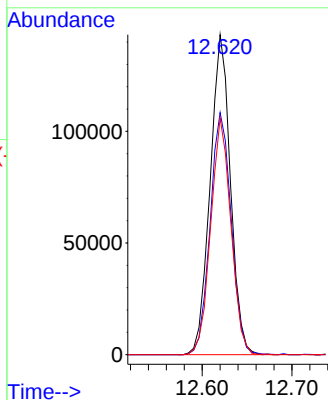
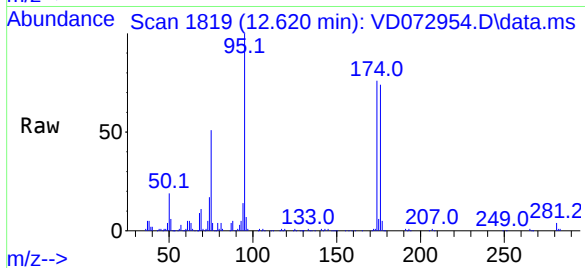




#62
4-Bromofluorobenzene
Concen: 43.478 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

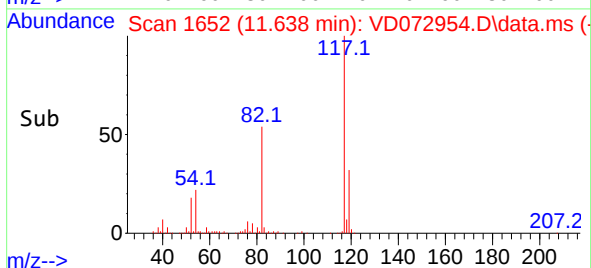
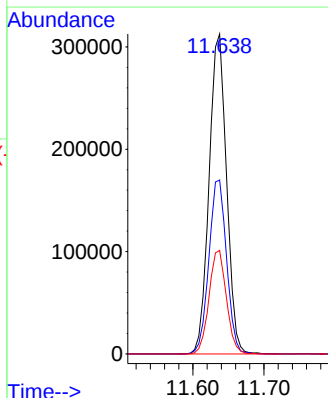
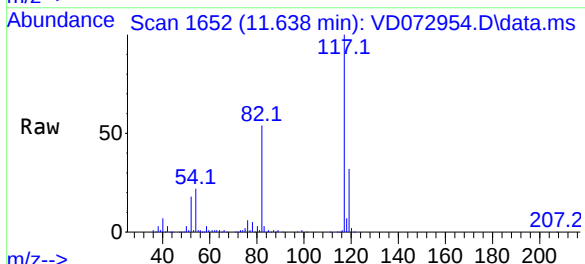
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01

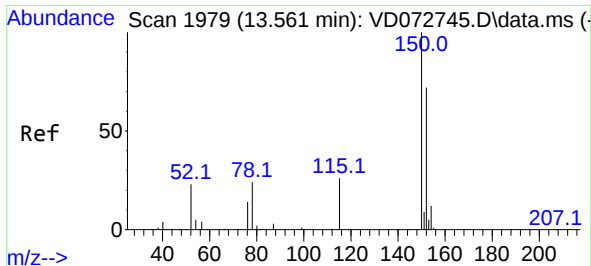
Tgt Ion:	95	Resp:	224691
Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	152.8
176	73.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Tgt Ion:	117	Resp:	533329
Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.3	67.9
119	32.4	26.6	40.0

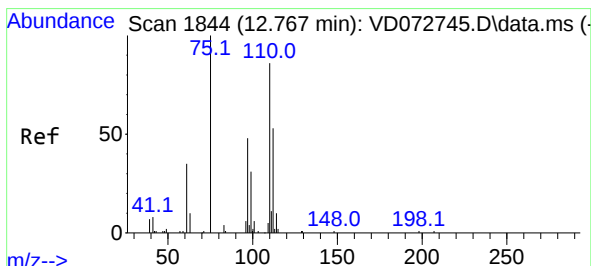
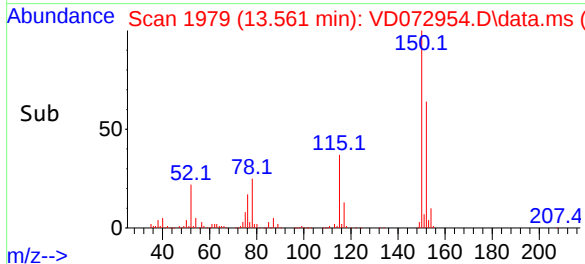
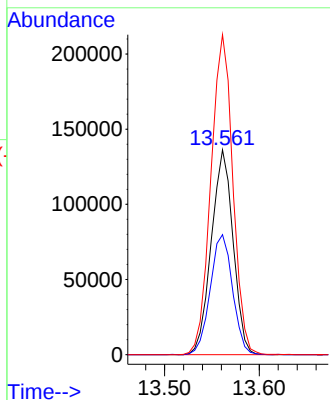
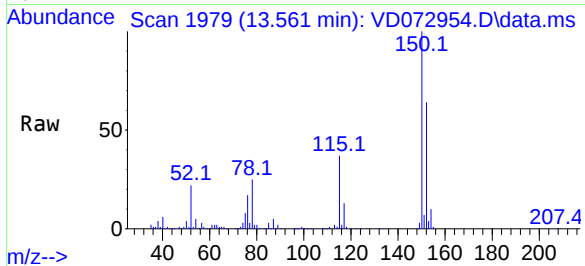




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

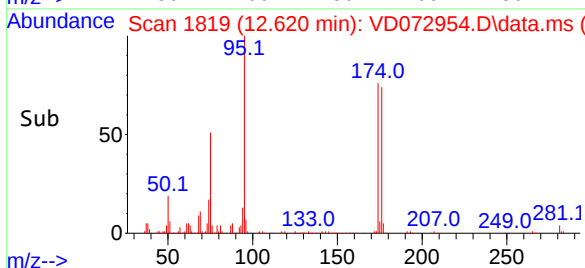
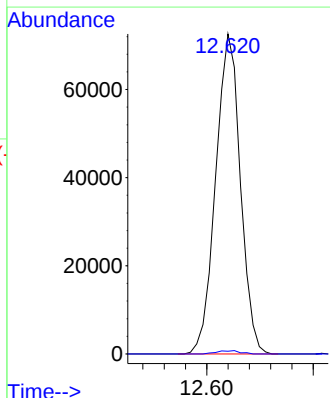
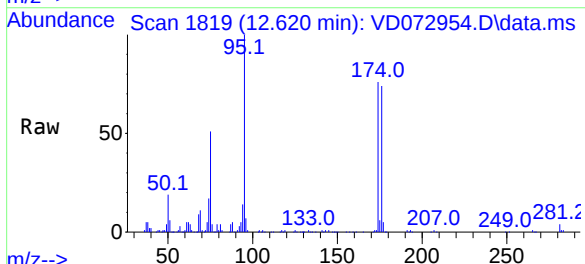
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01

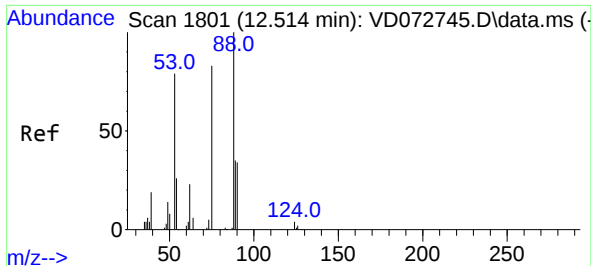
Tgt Ion:152 Resp: 217472
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 157.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 48.068 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

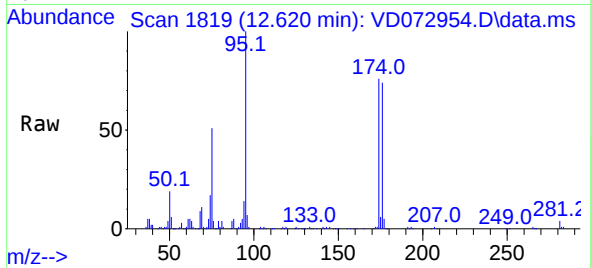
Tgt Ion: 75 Resp: 116563
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.537 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072954.D
Acq: 12 May 2022 18:18

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-0612-01



Tgt Ion: 75 Resp: 116563
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#

