

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072149.D
 Acq On : 11 Mar 2022 14:00
 Operator : VA/SY
 Sample : I.BLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0302

Quant Time: Mar 14 04:00:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 03:10:12 2022
 Response via : Initial Calibration

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

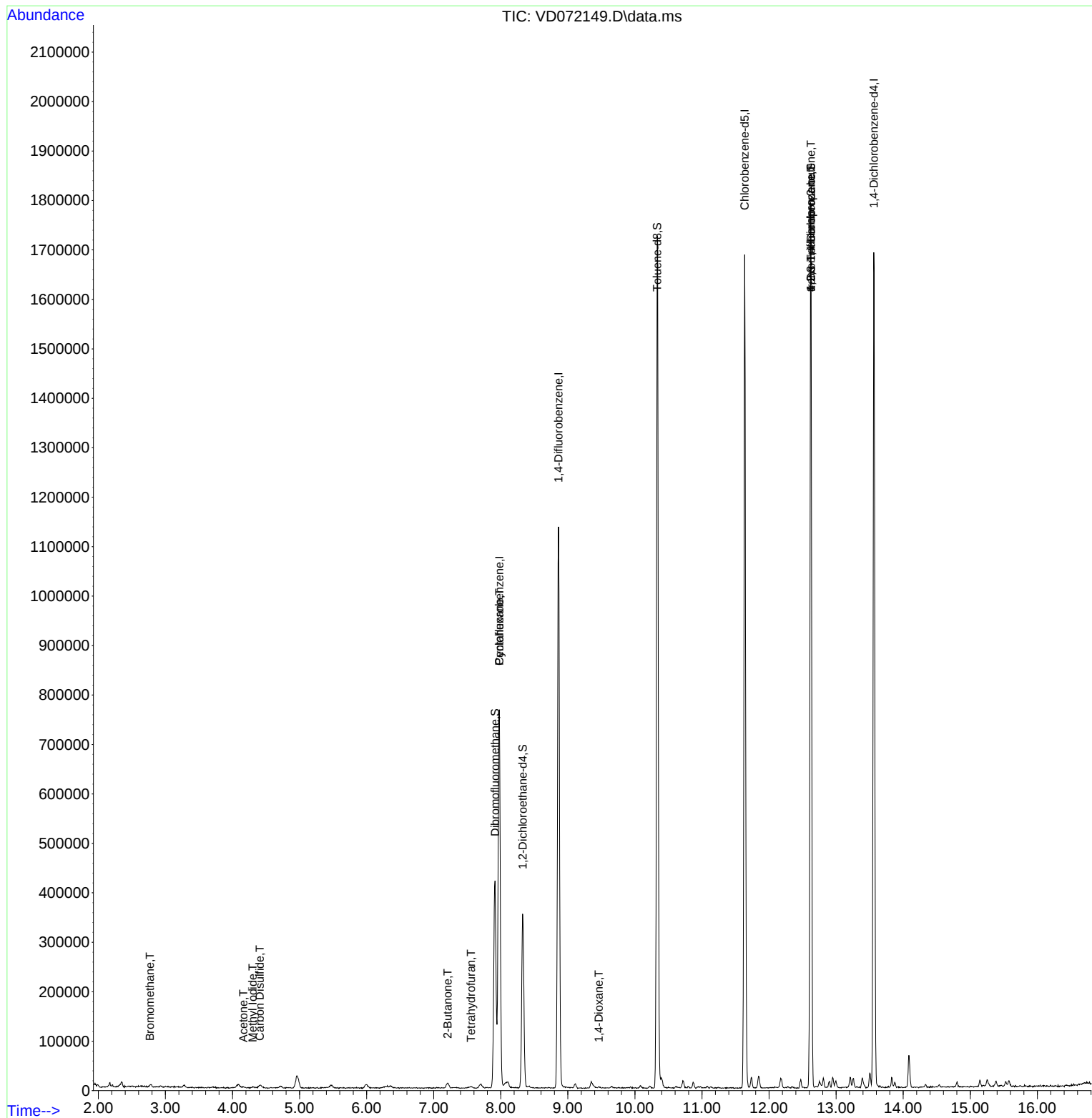
Internal Standards						
1) Pentafluorobenzene	7.979	168	576502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	979556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	943943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	460726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282750	44.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.020%
35) Dibromofluoromethane	7.914	113	305815	44.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.332	98	1175254	46.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.626	95	457649	46.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.460%
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	3567	1.198	ug/l #	61
10) Methyl Iodide	4.303	142	4218	2.910	ug/l #	82
16) Acetone	4.162	43	4403	3.156	ug/l	92
17) Carbon Disulfide	4.409	76	9778	2.268	ug/l	99
20) Methylene Chloride	4.967	84	19415	Below Cal	#	84
25) 2-Butanone	7.208	43	2025	1.089	ug/l	96
29) Tetrahydrofuran	7.556	42	1165	1.065	ug/l #	68
31) Cyclohexane	7.979	56	16413	1.635	ug/l #	17
49) 1,4-Dioxane	9.461	88	84	1.882	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	235786	46.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	235786	115.109	ug/l #	7

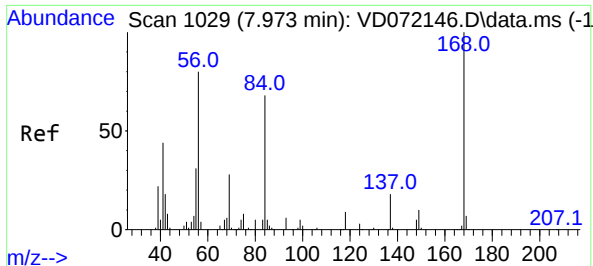
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

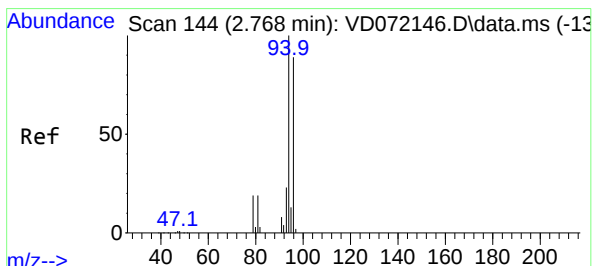
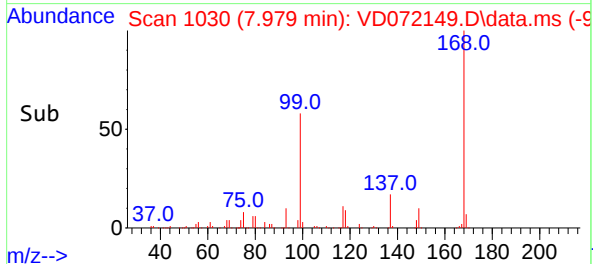
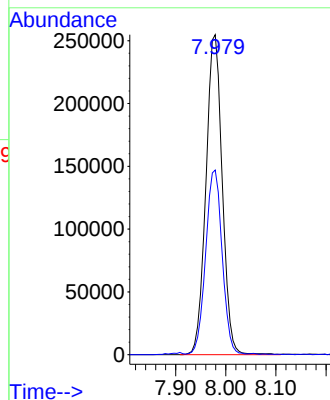
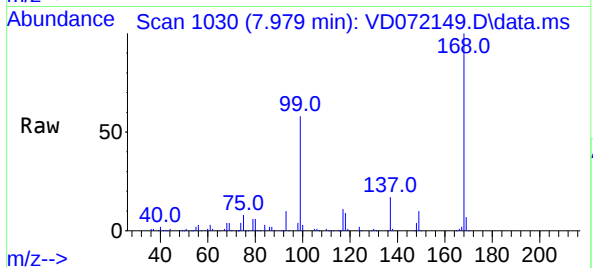




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

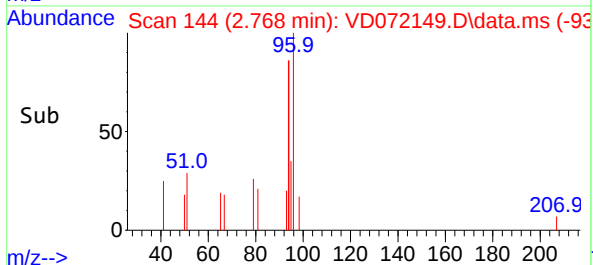
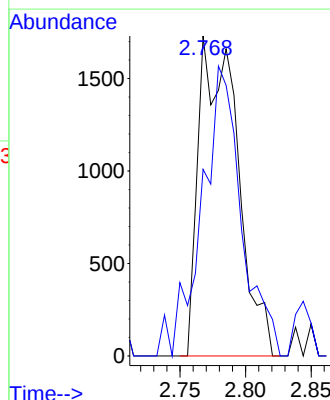
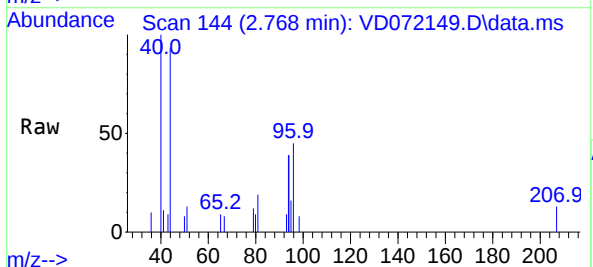
Instrument :
MSVOA_D
ClientSampleId :
VD0302

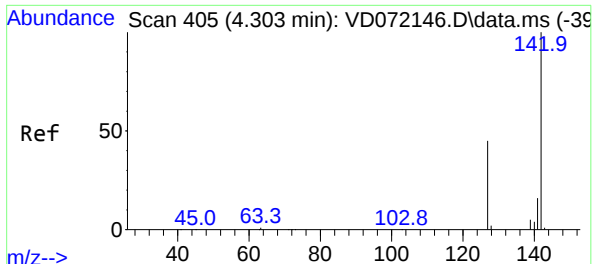
Tgt Ion:168 Resp: 576502
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#5
Bromomethane
Concen: 1.198 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Tgt Ion: 94 Resp: 3567
Ion Ratio Lower Upper
94 100
96 58.3 77.6 116.4#

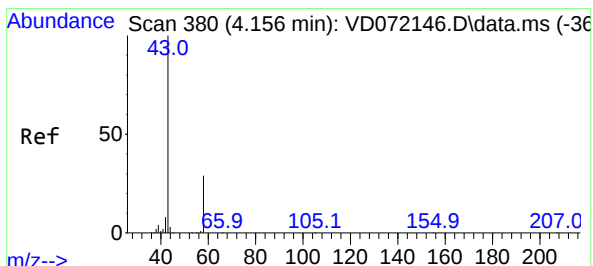
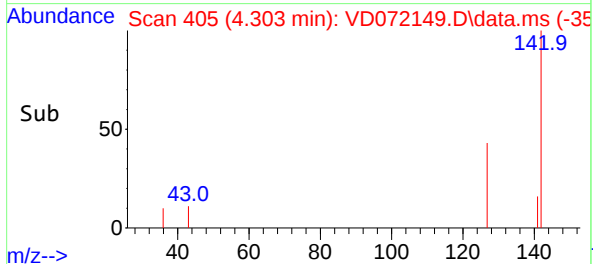
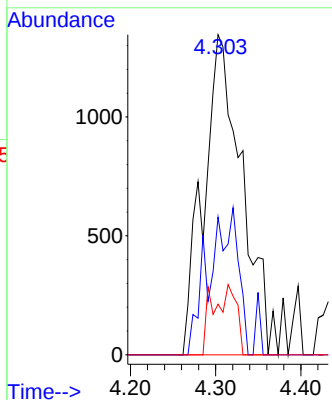
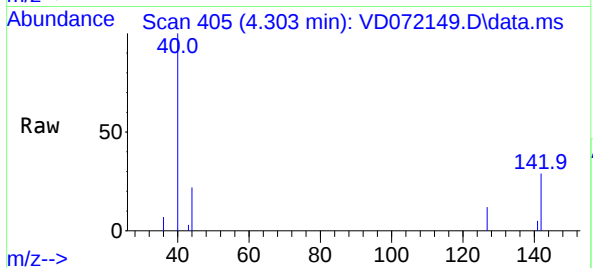




#10
Methyl Iodide
Concen: 2.910 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

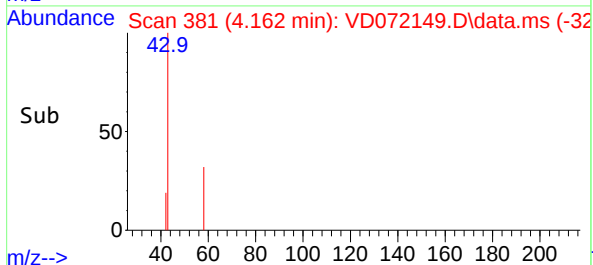
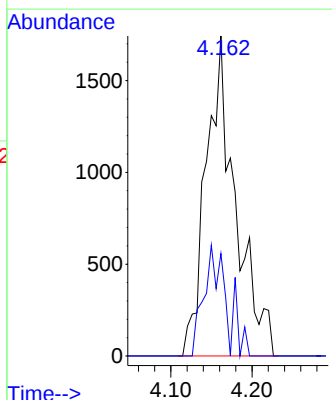
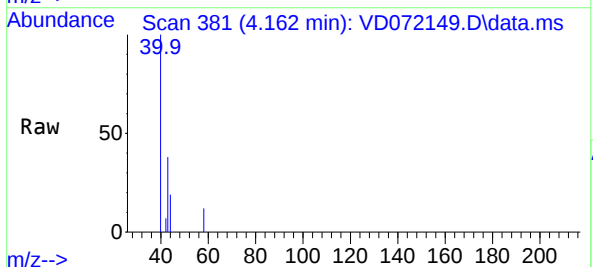
Instrument :
MSVOA_D
ClientSampleId :
VD0302

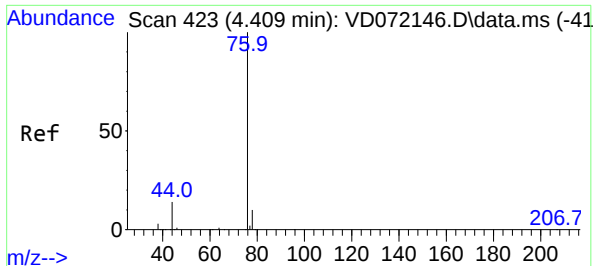
Tgt Ion:142 Resp: 4218
Ion Ratio Lower Upper
142 100
127 34.7 37.3 55.9#
141 6.3 11.7 17.5#



#16
Acetone
Concen: 3.156 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Tgt Ion: 43 Resp: 4403
Ion Ratio Lower Upper
43 100
58 32.0 22.1 33.1

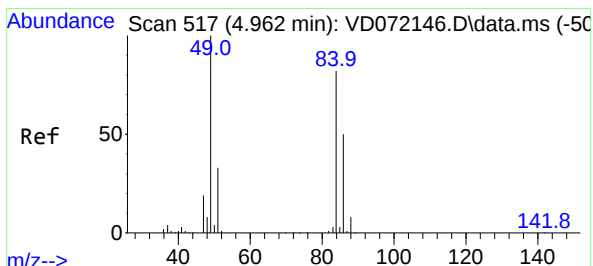
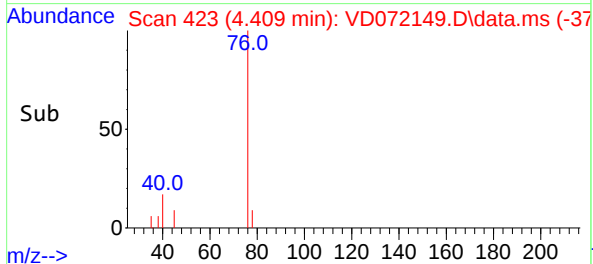
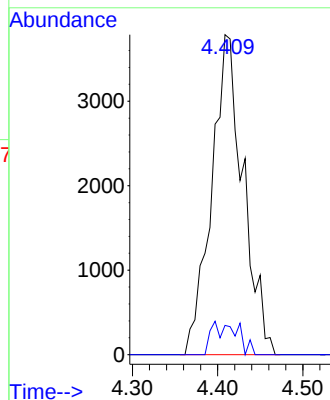
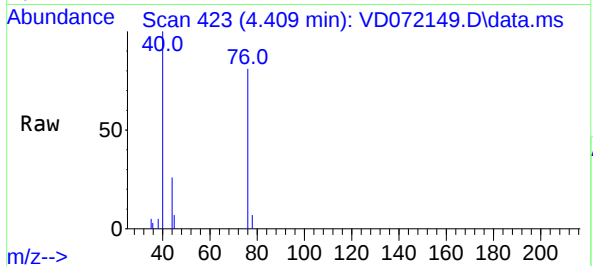




#17
Carbon Disulfide
Concen: 2.268 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

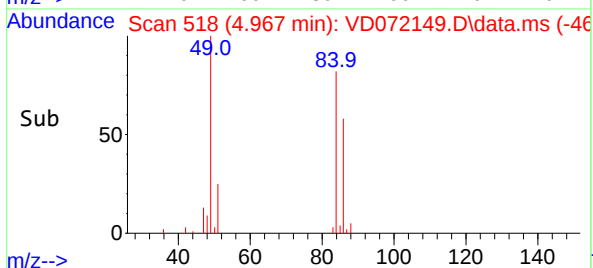
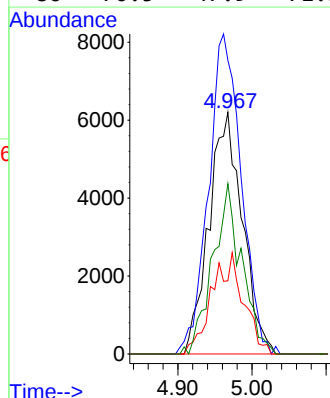
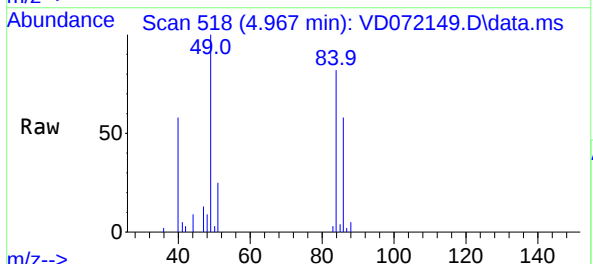
Instrument :
MSVOA_D
ClientSampleId :
VD0302

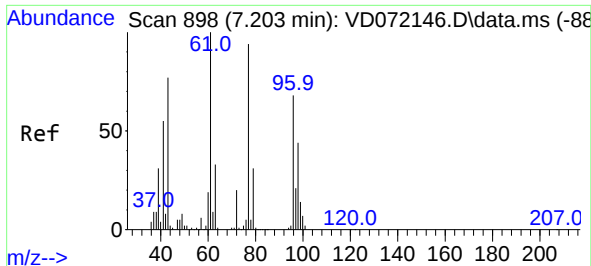
Tgt Ion: 76 Resp: 9778
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Tgt Ion: 84 Resp: 19415
Ion Ratio Lower Upper
84 100
49 121.6 112.8 169.2
51 30.2 32.6 48.8#
86 70.5 47.9 71.9

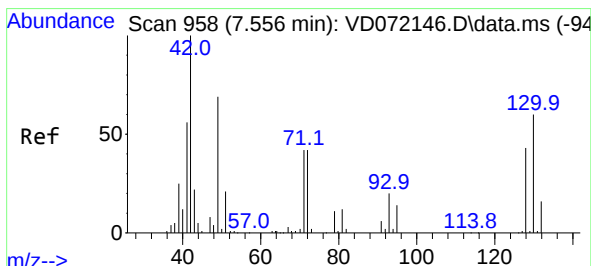
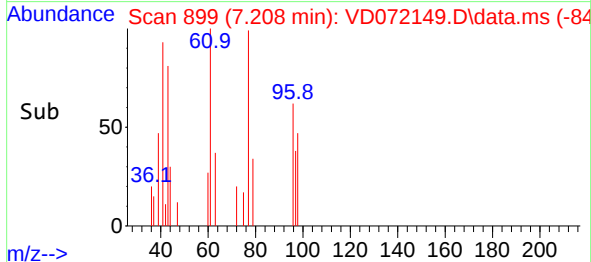
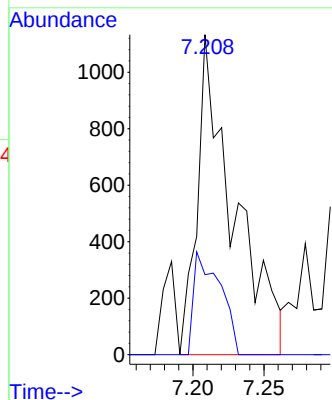
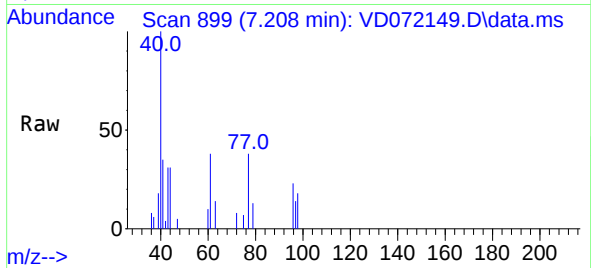




#25
2-Butanone
Concen: 1.089 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

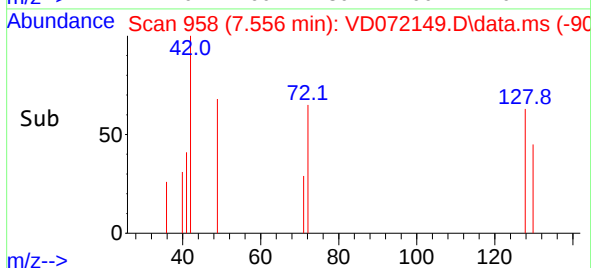
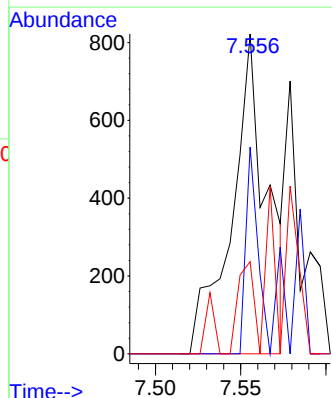
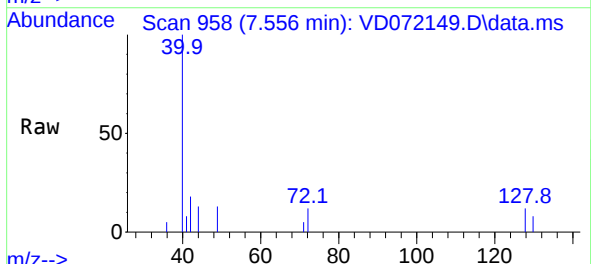
Instrument :
MSVOA_D
ClientSampleId :
VD0302

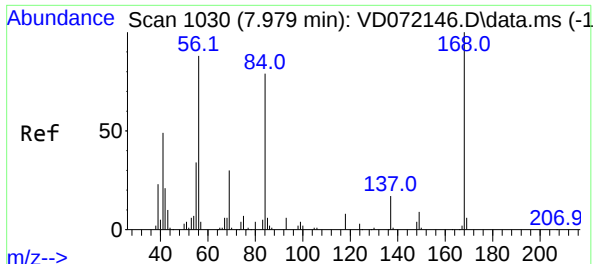
Tgt Ion: 43 Resp: 2025
Ion Ratio Lower Upper
43 100
72 25.0 18.6 27.8



#29
Tetrahydrofuran
Concen: 1.065 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.000 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Tgt Ion: 42 Resp: 1165
Ion Ratio Lower Upper
42 100
72 22.3 30.7 46.1#
71 13.3 28.6 43.0#





#31

Cyclohexane

Concen: 1.635 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072149.D

Acq: 11 Mar 2022 14:00

Instrument :

MSVOA_D

ClientSampleId :

VD0302

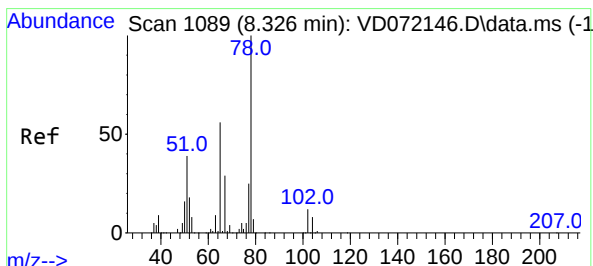
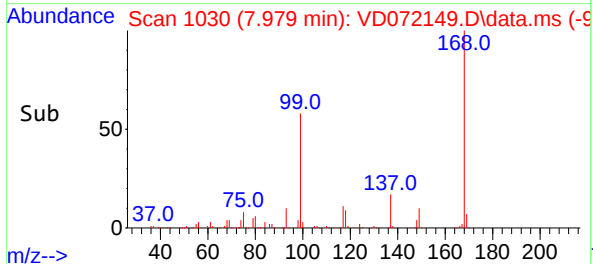
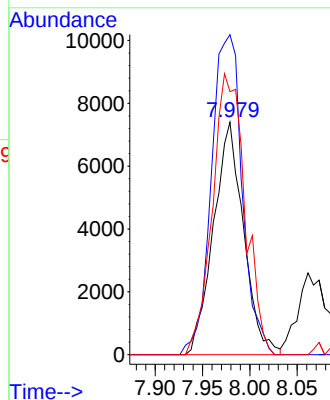
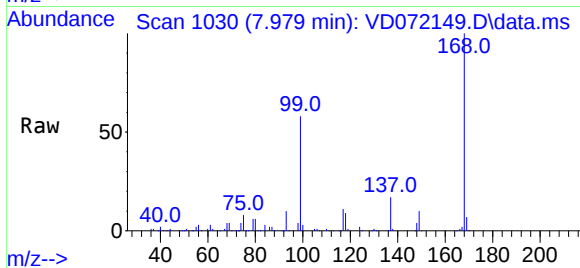
Tgt Ion: 56 Resp: 16413

Ion Ratio Lower Upper

56 100

69 137.7 25.4 38.2#

84 113.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 44.009 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072149.D

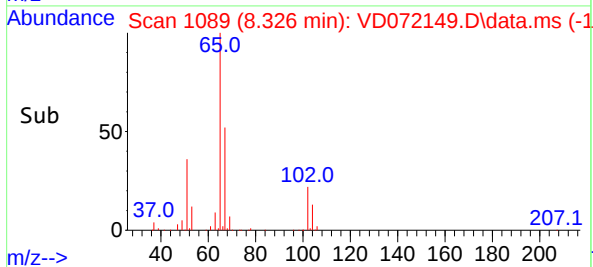
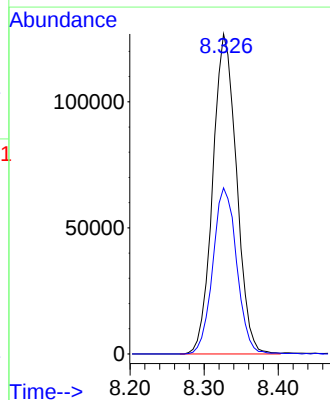
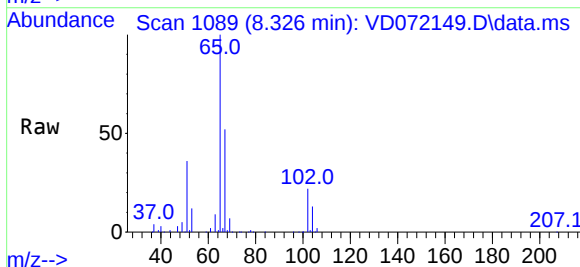
Acq: 11 Mar 2022 14:00

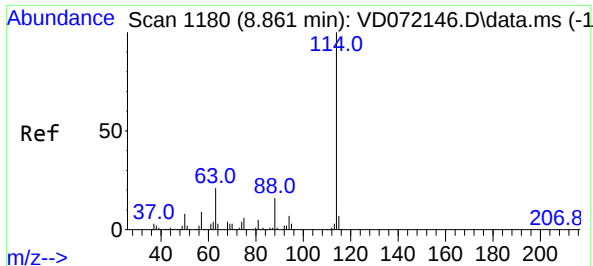
Tgt Ion: 65 Resp: 282750

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



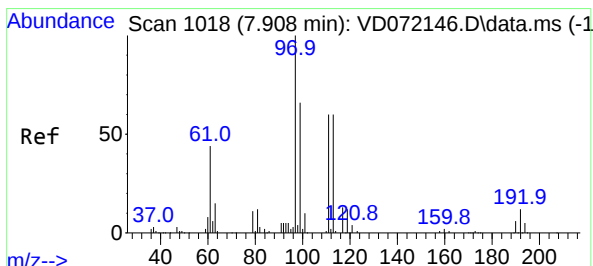
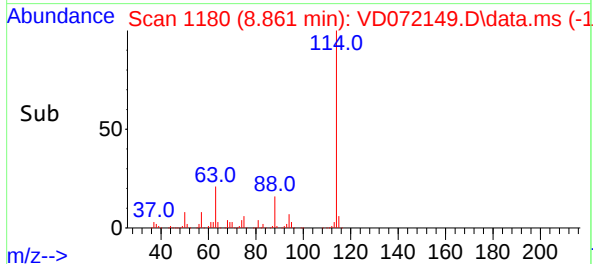
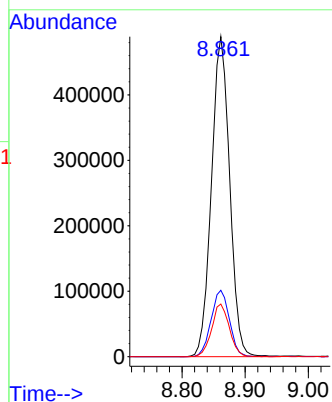
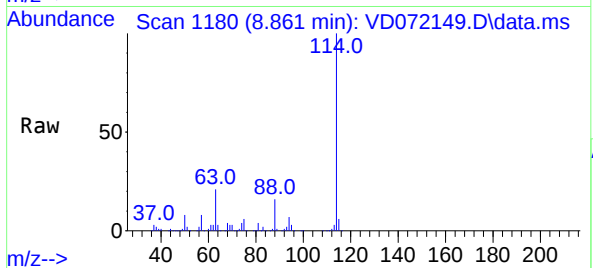


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
VD0302

Tgt Ion:114 Resp: 979556

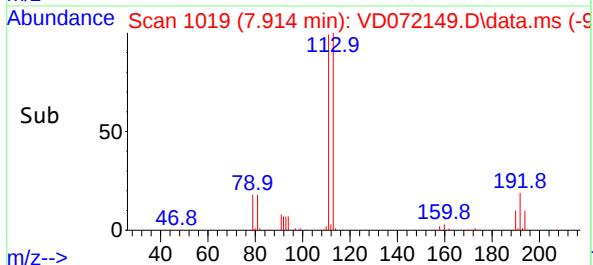
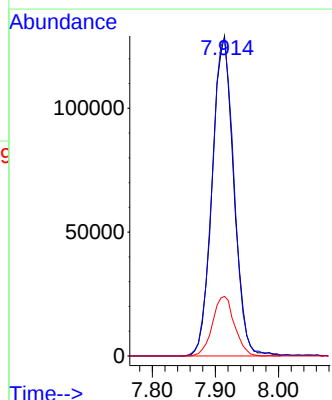
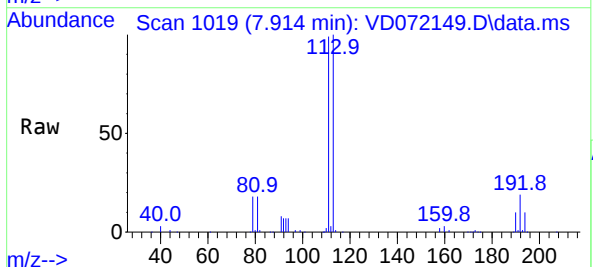
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	46.6
88	16.5	0.0	33.2

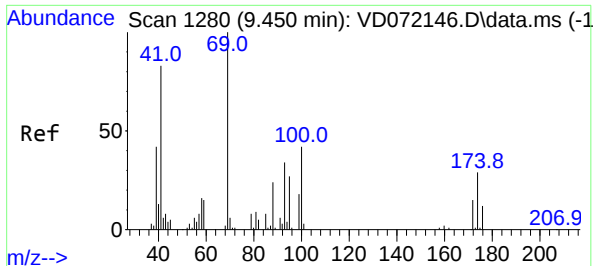


#35
Dibromofluoromethane
Concen: 44.365 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Tgt Ion:113 Resp: 305815

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.8	125.6
192	19.0	14.6	21.8

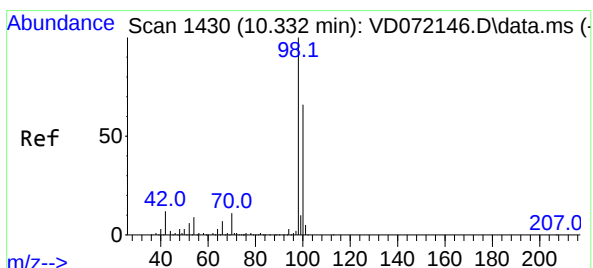
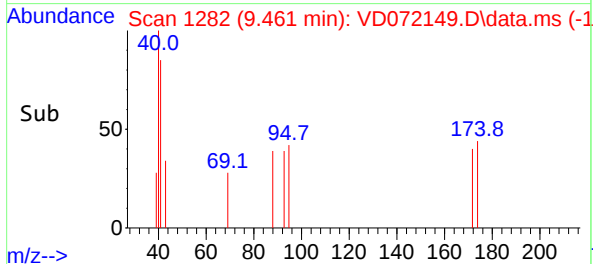
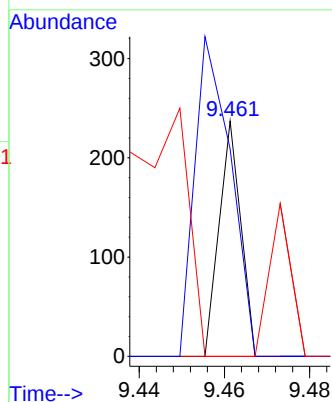
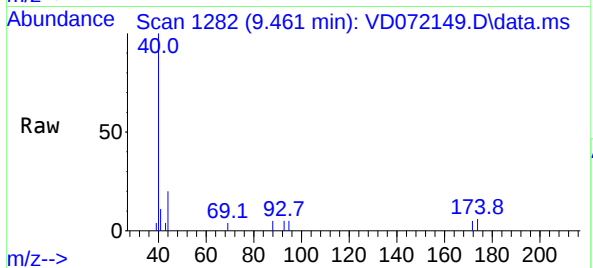




#49
1,4-Dioxane
Concen: 1.882 ug/l
RT: 9.461 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

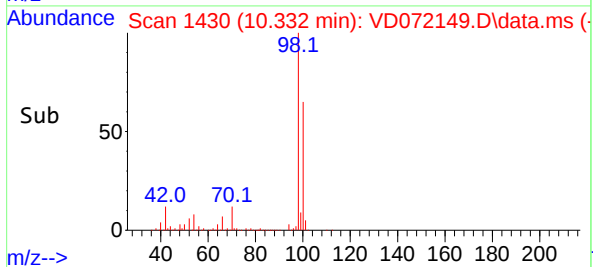
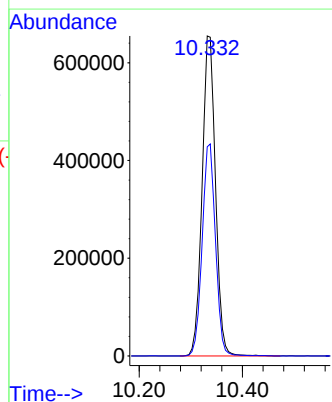
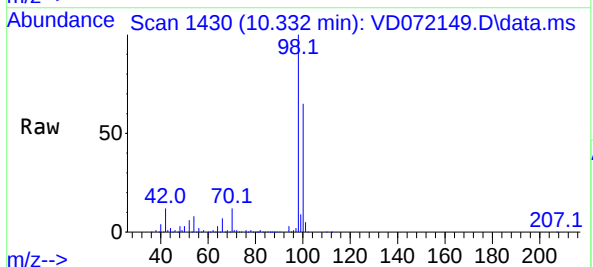
Instrument :
MSVOA_D
ClientSampleId :
VD0302

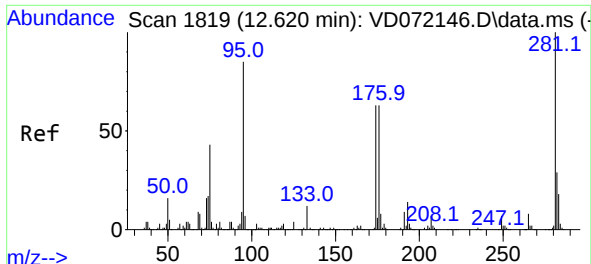
Tgt Ion: 88 Resp: 84
Ion Ratio Lower Upper
88 100
43 222.6 31.0 46.4#
58 271.4 58.1 87.1#



#50
Toluene-d8
Concen: 46.628 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Tgt Ion: 98 Resp: 1175254
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

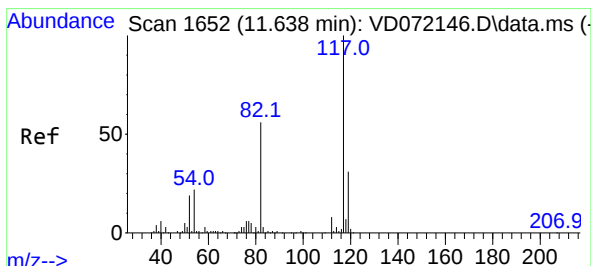
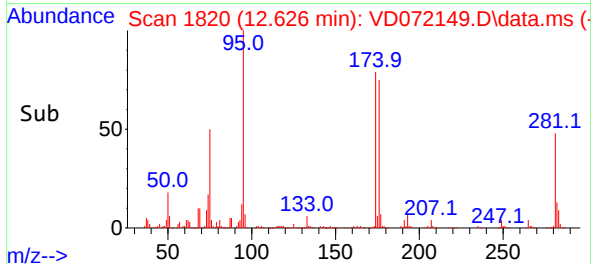
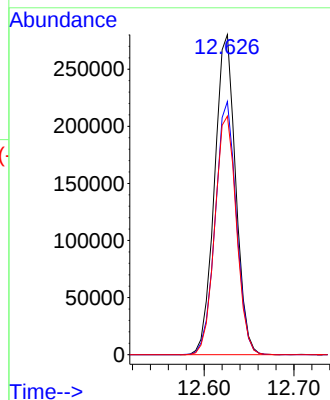
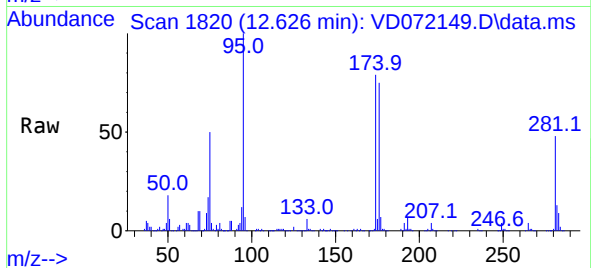




#62
4-Bromofluorobenzene
Concen: 46.730 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

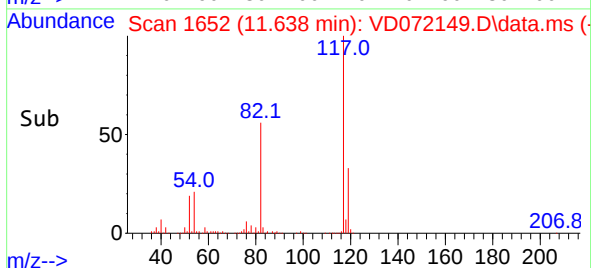
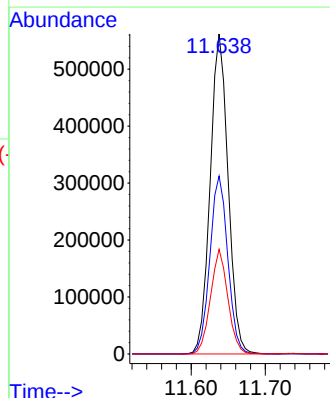
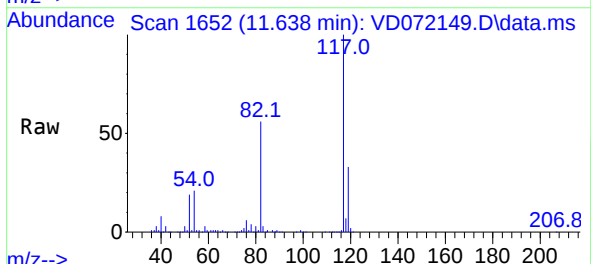
Instrument :
MSVOA_D
ClientSampleId :
VD0302

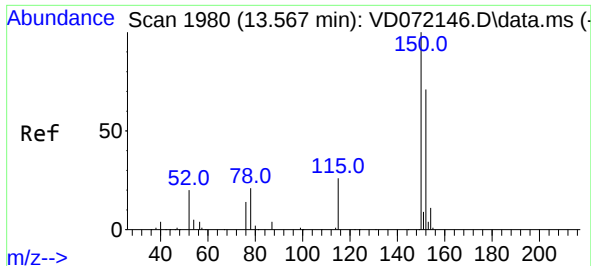
Tgt Ion: 95 Resp: 457649
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.8
176 76.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

Tgt Ion: 117 Resp: 943943
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.7 26.6 40.0

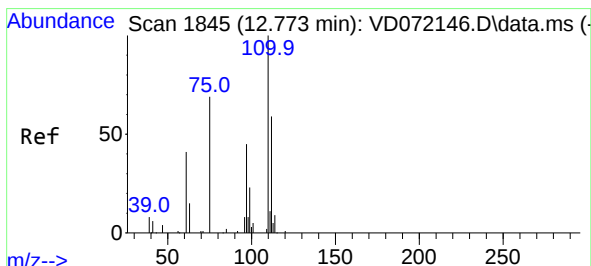
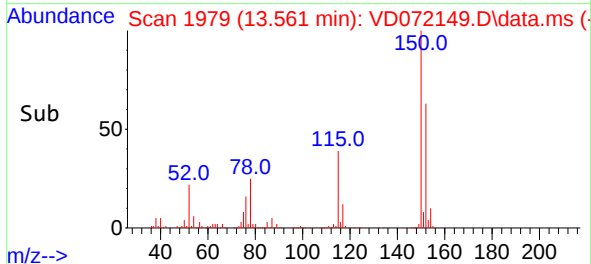
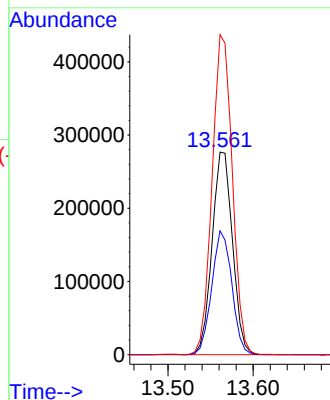
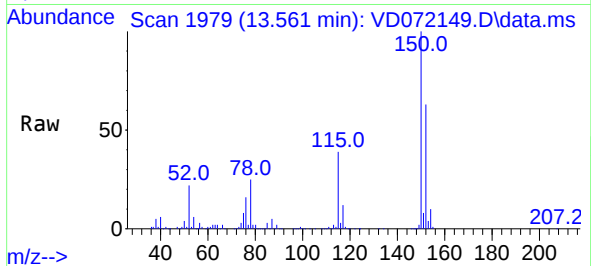




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

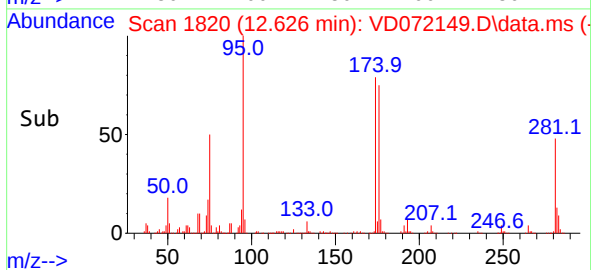
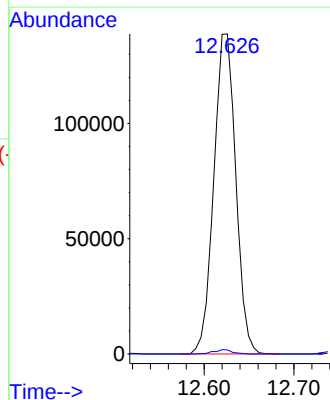
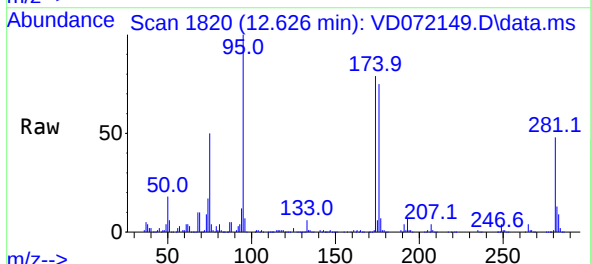
Instrument :
MSVOA_D
ClientSampleId :
VD0302

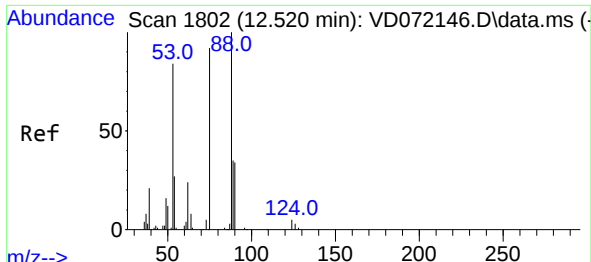
Tgt Ion:152 Resp: 460726
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 156.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.394 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072149.D
Acq: 11 Mar 2022 14:00

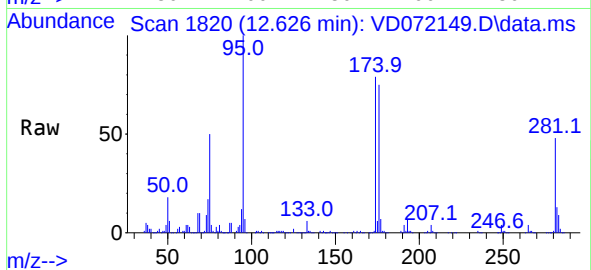
Tgt Ion: 75 Resp: 235786
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.109 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072149.D
 Acq: 11 Mar 2022 14:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0302



Tgt Ion: 75 Resp: 235786
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.7 33.9 50.9#

