

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072445.D
 Acq On : 28 Mar 2022 11:30
 Operator : VA/SY
 Sample : VD0328SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBL01

Quant Time: Mar 29 01:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

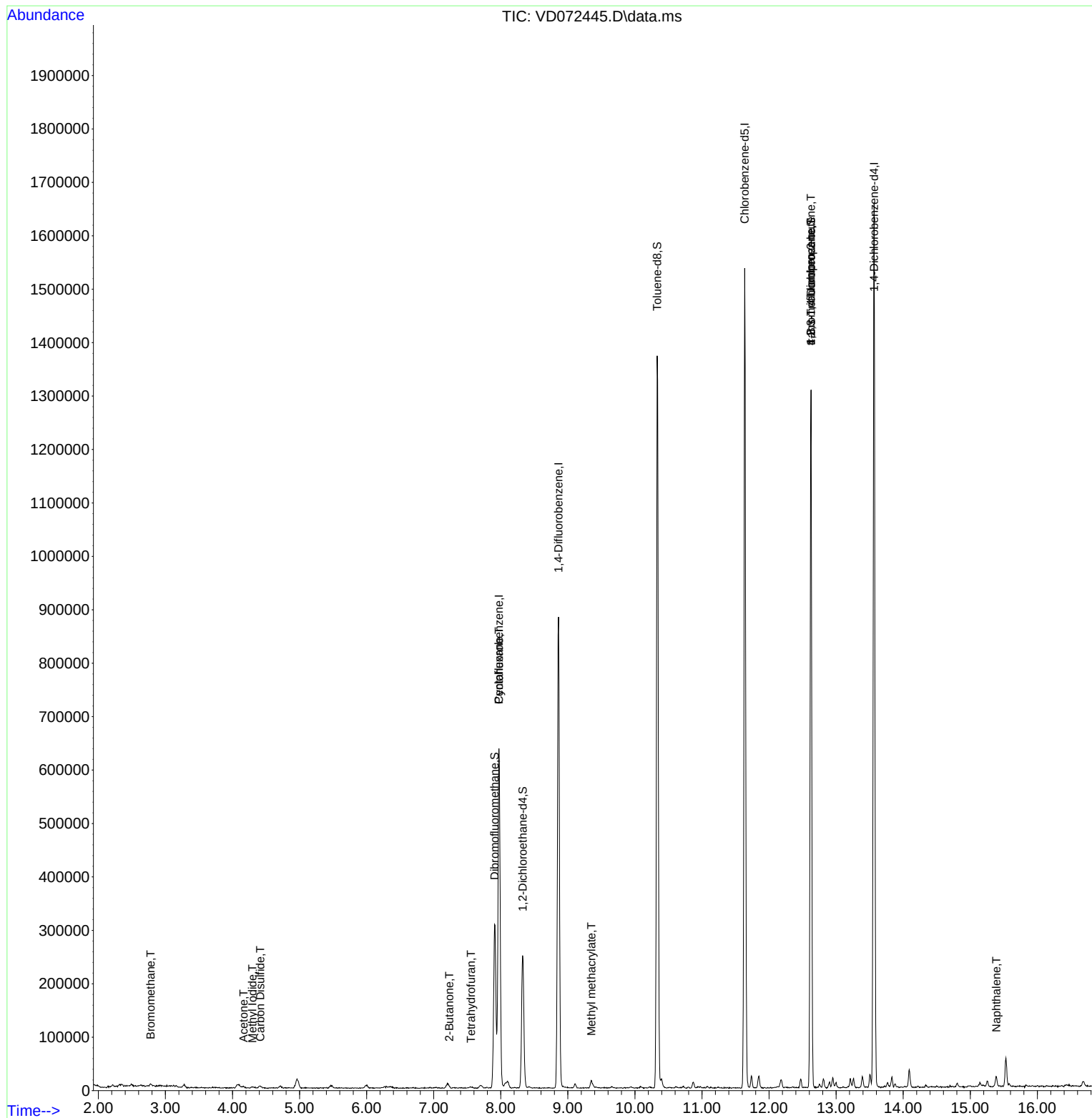
Internal Standards						
1) Pentafluorobenzene	7.973	168	457850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	743790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	843445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	440315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204997	40.176	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.360%		
35) Dibromofluoromethane	7.908	113	221234	42.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.540%		
50) Toluene-d8	10.331	98	937028	48.960	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.625	95	432869	58.210	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	116.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	2612	1.104	ug/l #	65
10) Methyl Iodide	4.296	142	3091	2.857	ug/l #	83
16) Acetone	4.167	43	4361	3.936	ug/l	90
17) Carbon Disulfide	4.414	76	7652	2.257	ug/l	96
20) Methylene Chloride	4.955	84	12366	Below Cal	#	71
25) 2-Butanone	7.232	43	2123	1.437	ug/l #	52
29) Tetrahydrofuran	7.555	42	1104	1.271	ug/l #	49
31) Cyclohexane	7.973	56	15090	1.893	ug/l #	19
48) Methyl methacrylate	9.349	41	3667	1.230	ug/l #	70
76) 1,2,3-Trichloropropane	12.625	75	223504	46.016	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	223504	114.171	ug/l #	7
95) Naphthalene	15.390	128	16393	1.001	ug/l #	94

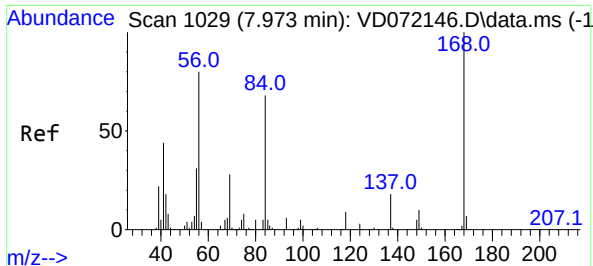
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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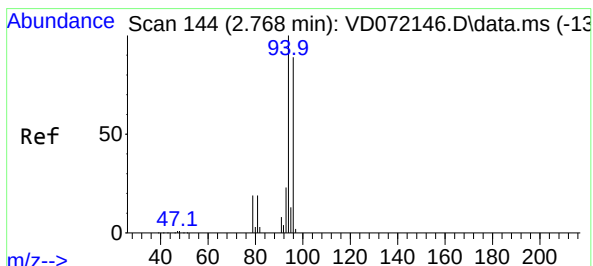
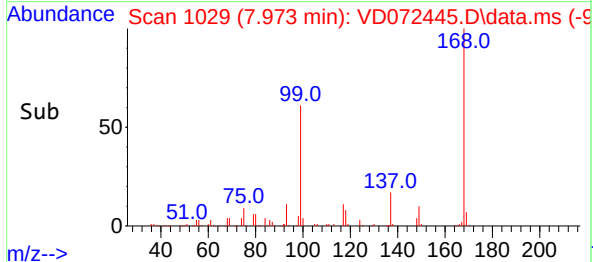
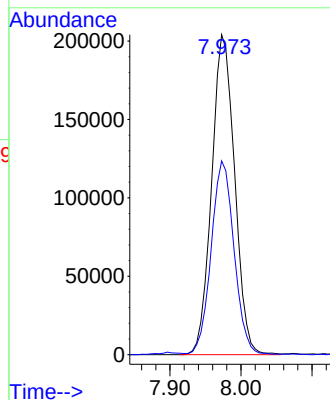
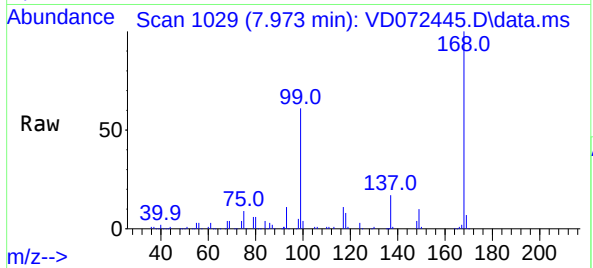




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

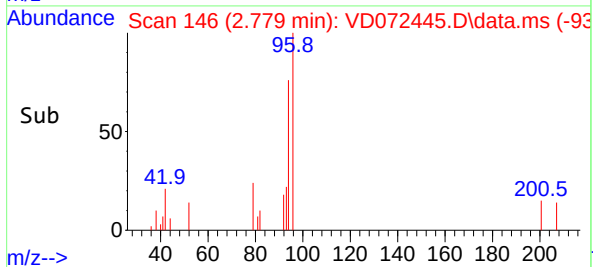
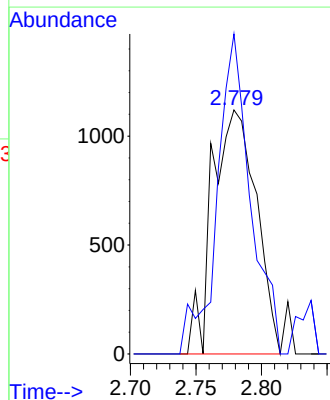
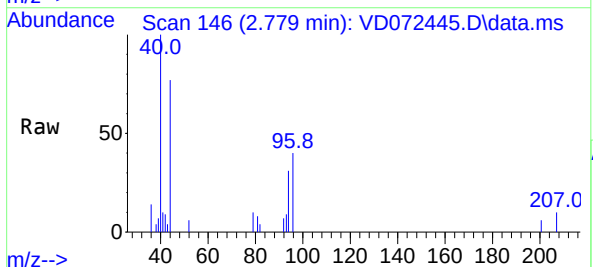
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

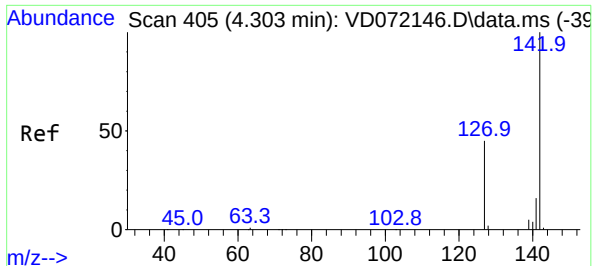
Tgt Ion:168 Resp: 457850
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#5
Bromomethane
Concen: 1.104 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 94 Resp: 2612
Ion Ratio Lower Upper
94 100
96 131.2 77.6 116.4#

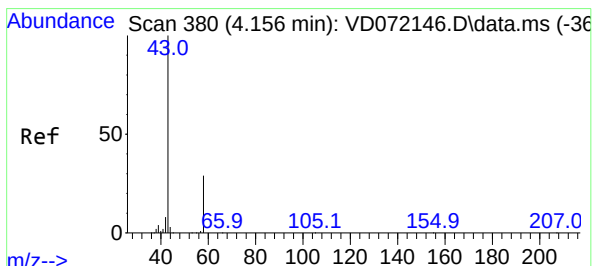
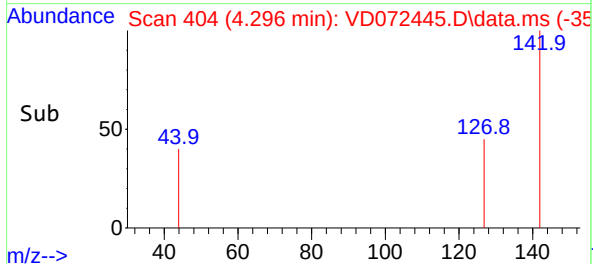
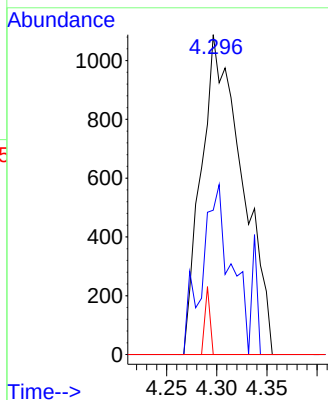
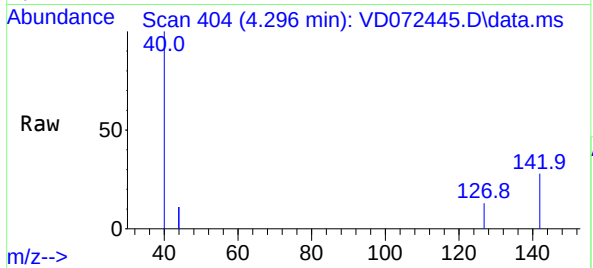




#10
Methyl Iodide
Concen: 2.857 ug/l
RT: 4.296 min Scan# 405
Delta R.T. -0.007 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

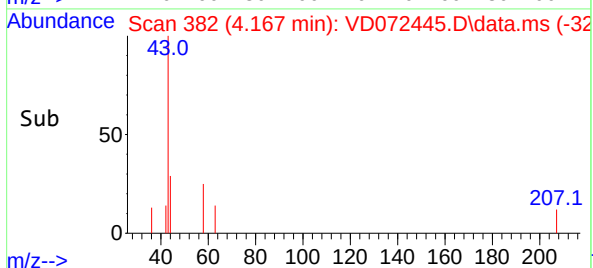
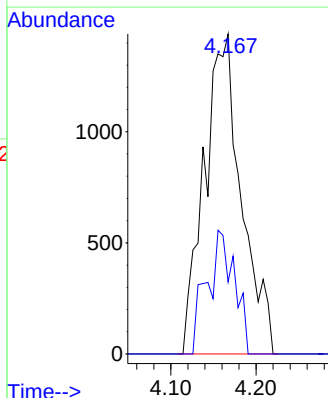
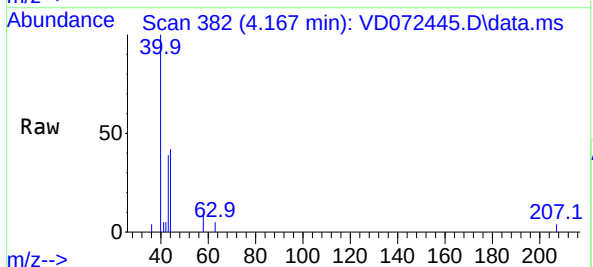
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

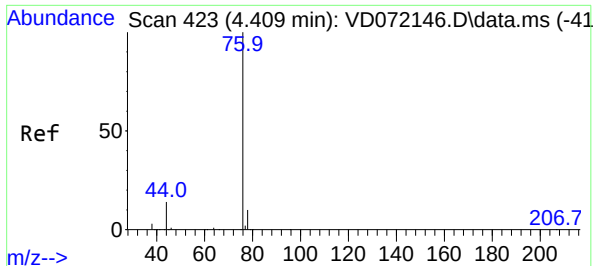
Tgt Ion:142 Resp: 3091
Ion Ratio Lower Upper
142 100
127 37.9 37.3 55.9
141 2.6 11.7 17.5#



#16
Acetone
Concen: 3.936 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 43 Resp: 4361
Ion Ratio Lower Upper
43 100
58 22.5 22.1 33.1

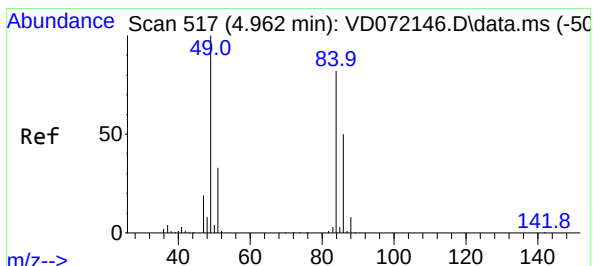
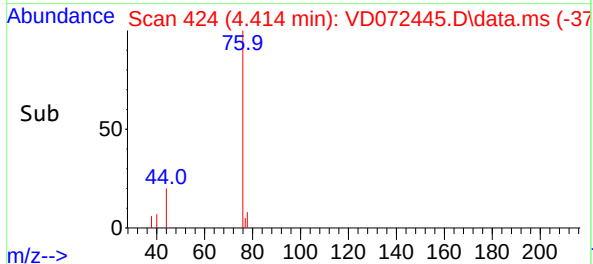
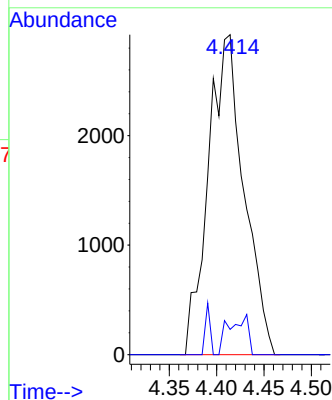
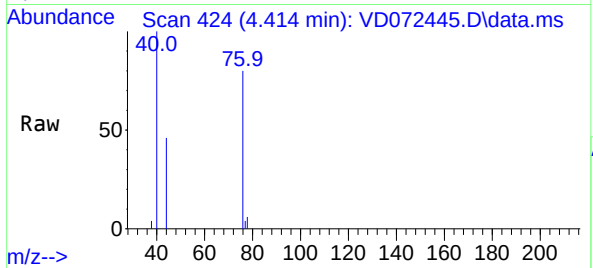




#17
Carbon Disulfide
Concen: 2.257 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

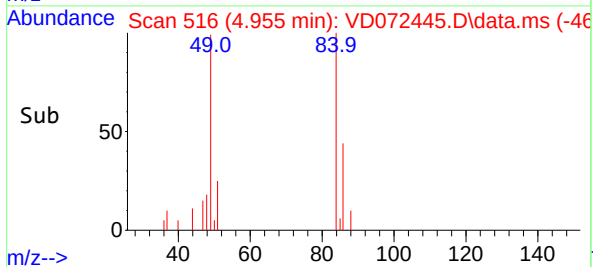
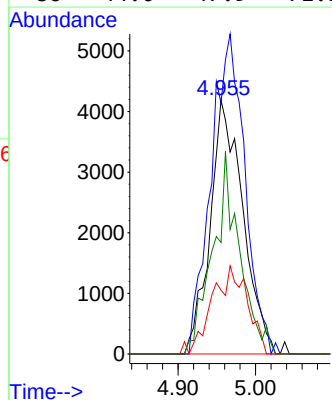
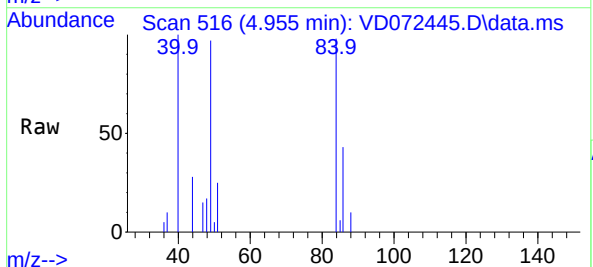
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

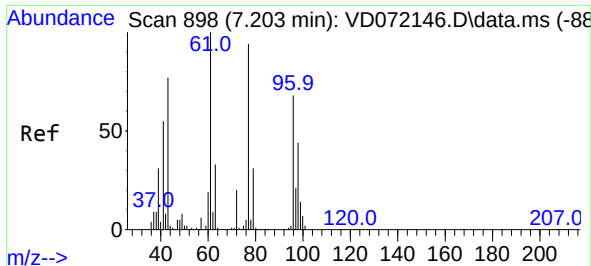
Tgt Ion: 76 Resp: 7652
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 84 Resp: 12366
Ion Ratio Lower Upper
84 100
49 99.0 112.8 169.2#
51 25.2 32.6 48.8#
86 44.0 47.9 71.9#

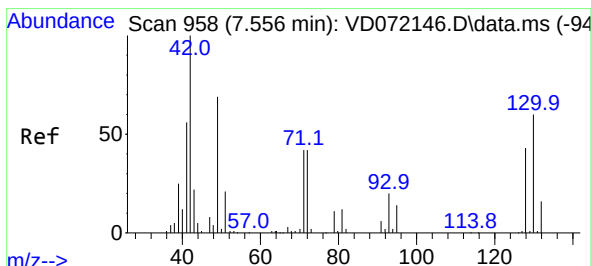
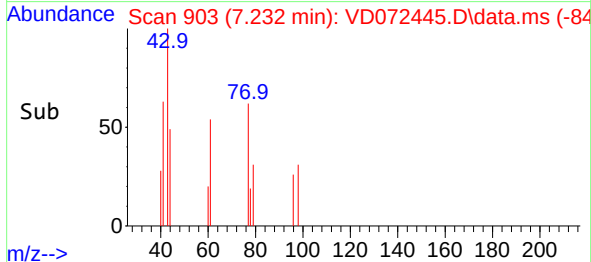
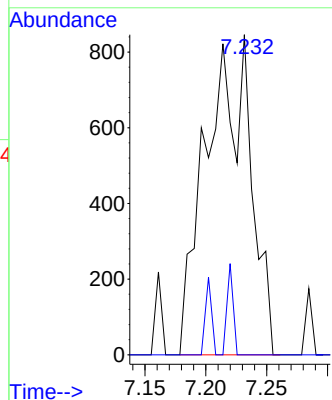
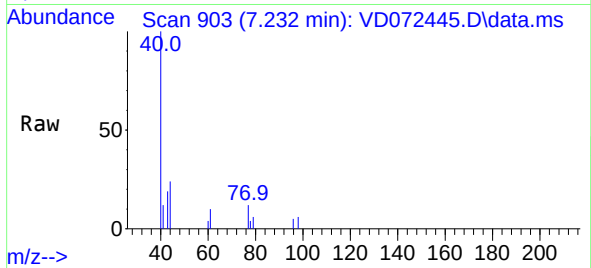




#25
2-Butanone
Concen: 1.437 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.029 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

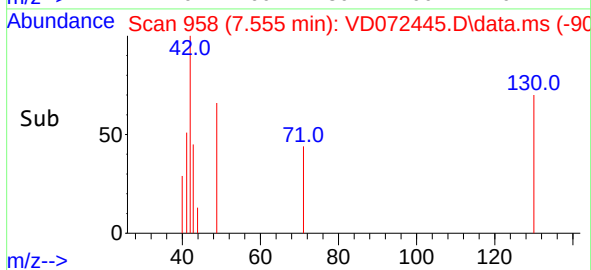
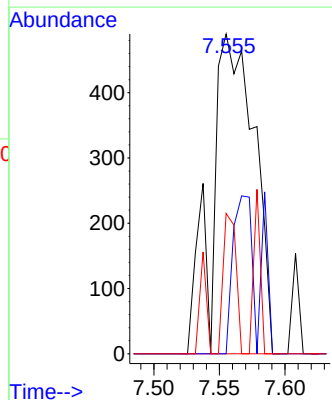
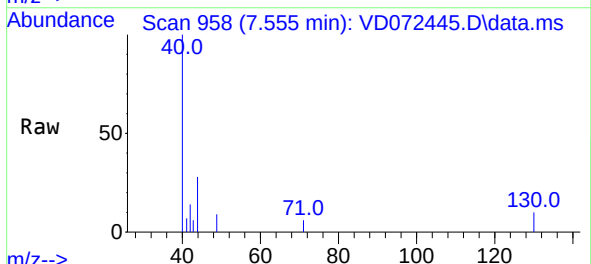
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

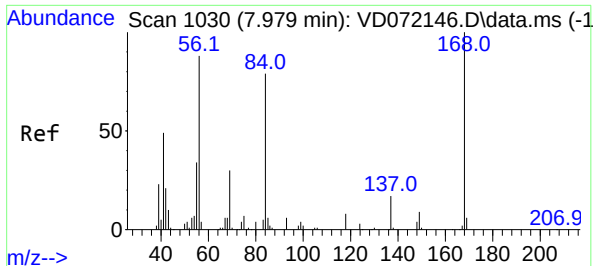
Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.271 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 42 Resp: 1104
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 13.1 28.6 43.0#

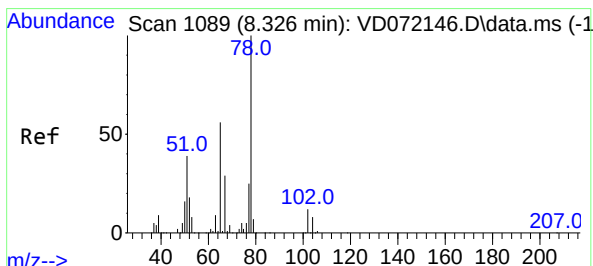
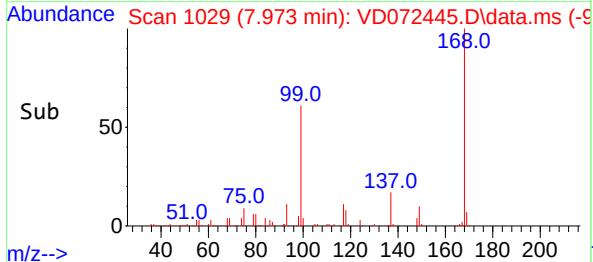
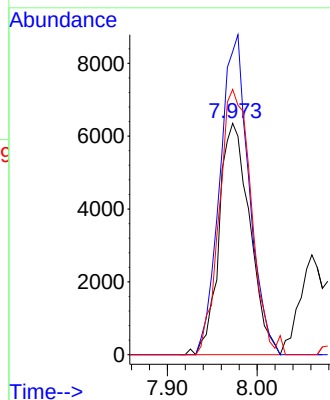
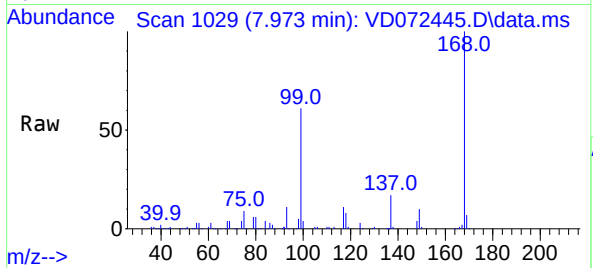




#31
Cyclohexane
Concen: 1.893 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

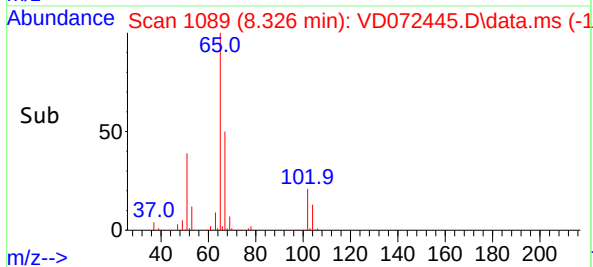
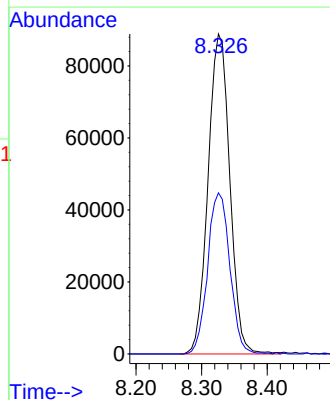
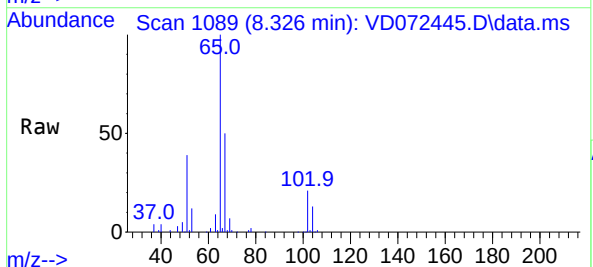
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

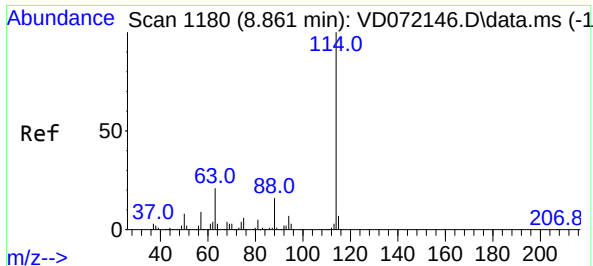
Tgt Ion: 56 Resp: 15090
Ion Ratio Lower Upper
56 100
69 131.0 25.4 38.2#
84 114.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 40.176 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 65 Resp: 204997
Ion Ratio Lower Upper
65 100
67 51.3 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: VD072445.D

Acq: 28 Mar 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBL01

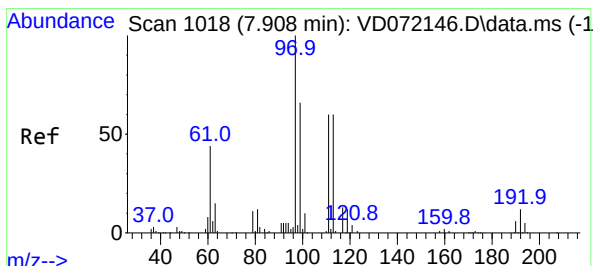
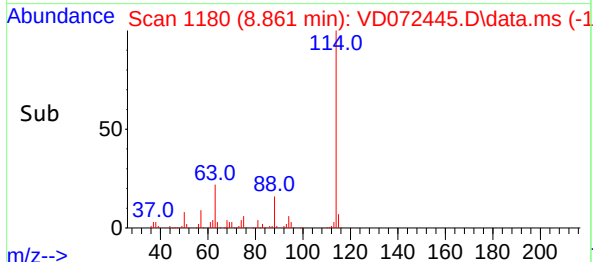
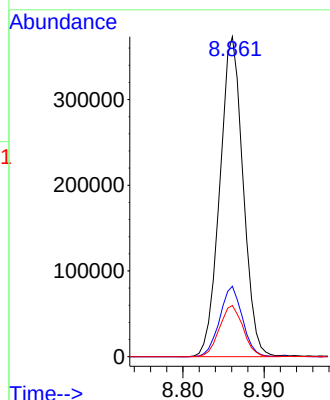
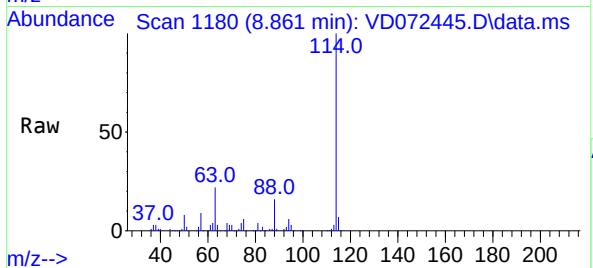
Tgt Ion:114 Resp: 743790

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.268 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072445.D

Acq: 28 Mar 2022 11:30

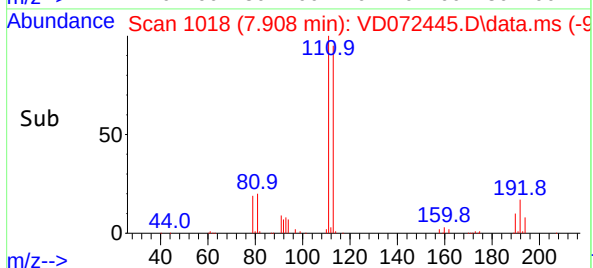
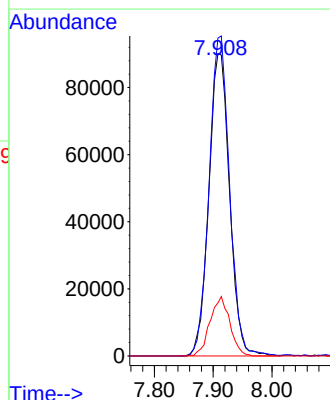
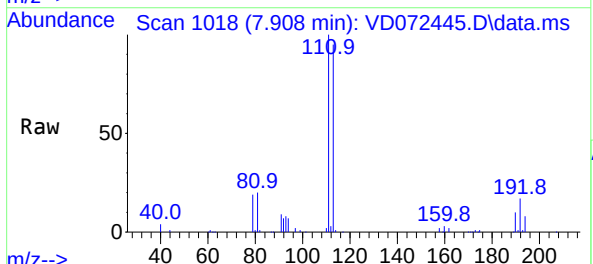
Tgt Ion:113 Resp: 221234

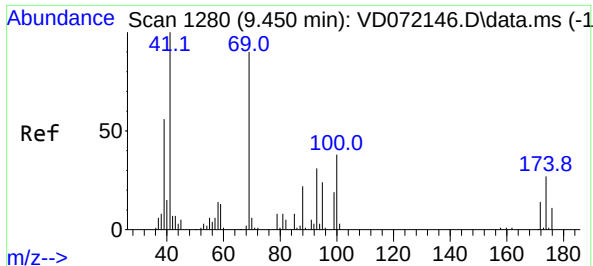
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.8 14.6 21.8

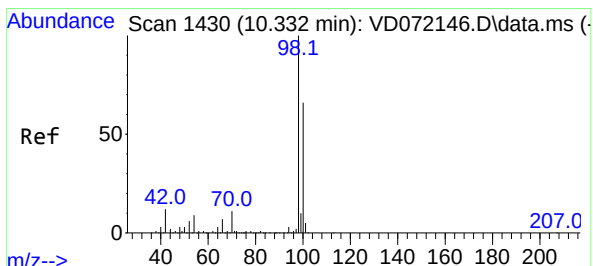
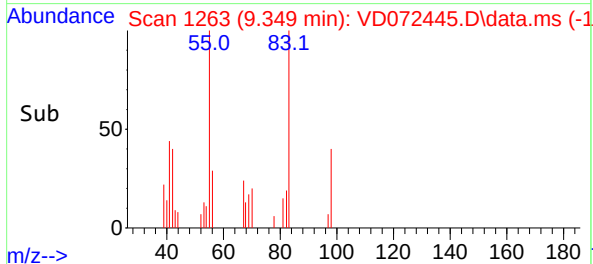
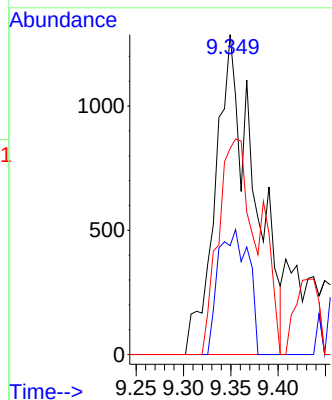
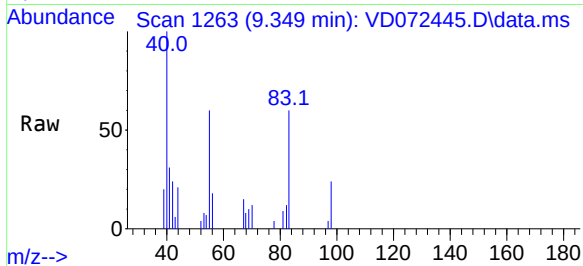




#48
Methyl methacrylate
Concen: 1.230 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.100 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

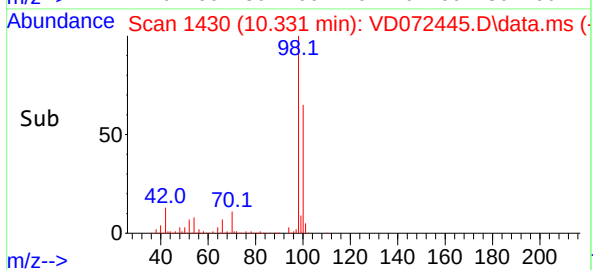
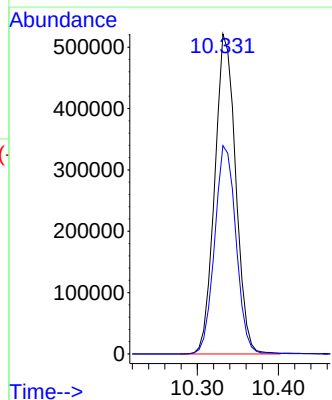
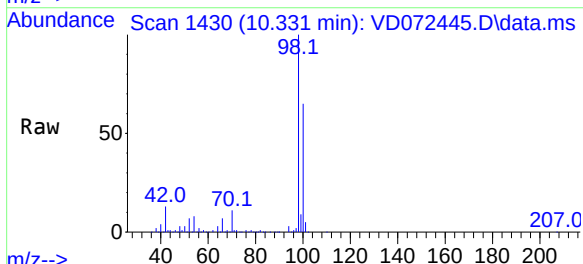
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

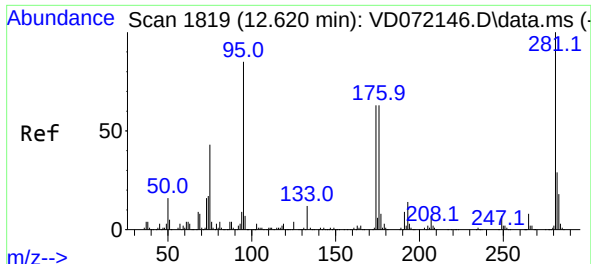
Tgt Ion: 41 Resp: 3667
Ion Ratio Lower Upper
41 100
69 30.4 56.7 85.1#
39 56.0 42.7 64.1



#50
Toluene-d8
Concen: 48.960 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 98 Resp: 937028
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

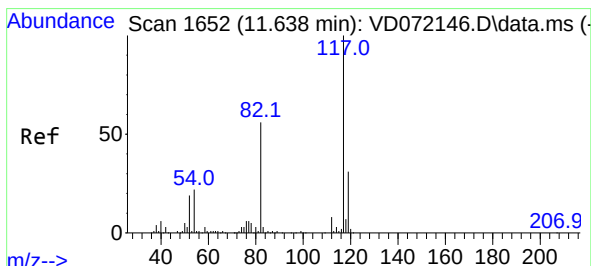
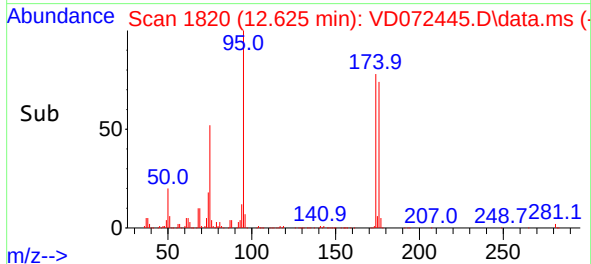
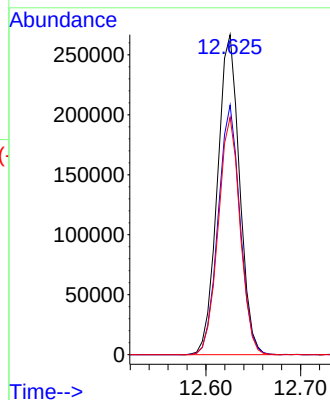
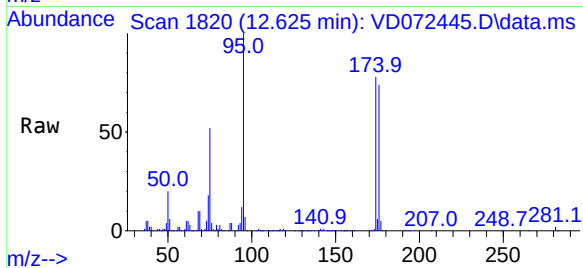




#62
4-Bromofluorobenzene
Concen: 58.210 ug/l
RT: 12.625 min Scan# 1819
Delta R.T. 0.005 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

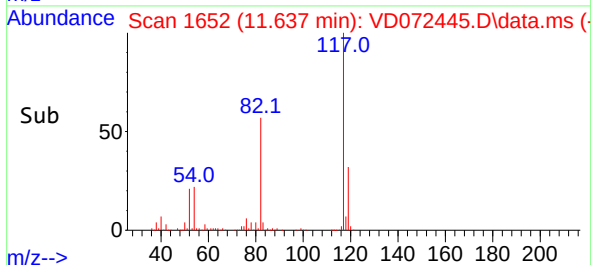
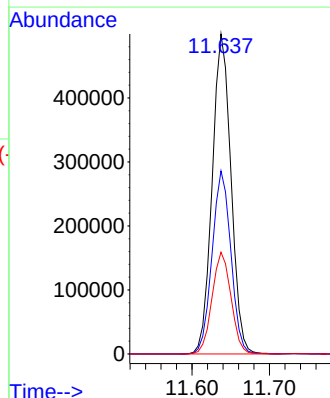
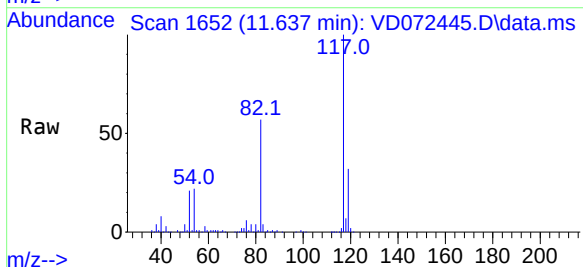
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

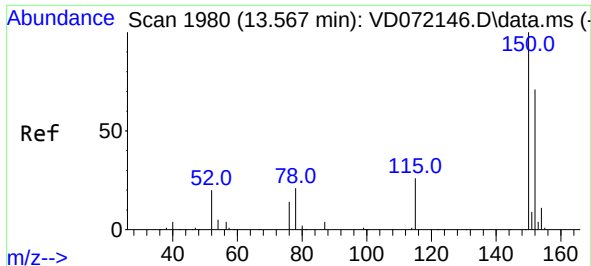
Tgt Ion: 95 Resp: 432869
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 117 Resp: 843445
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.8 26.6 40.0

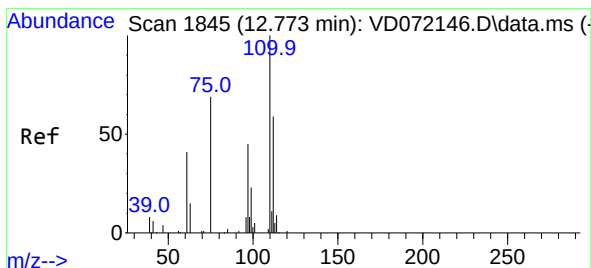
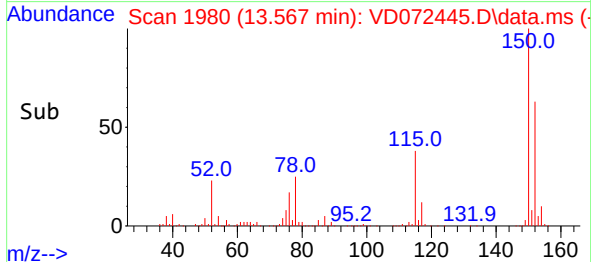
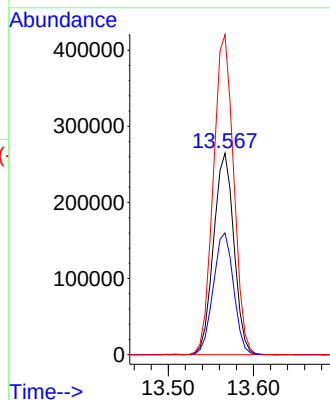
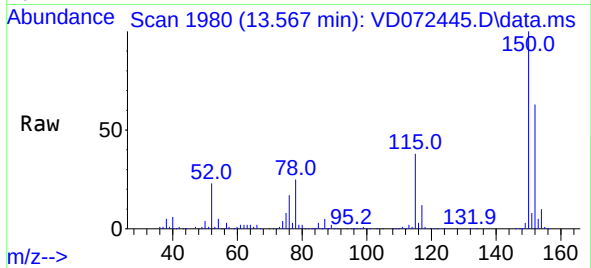




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

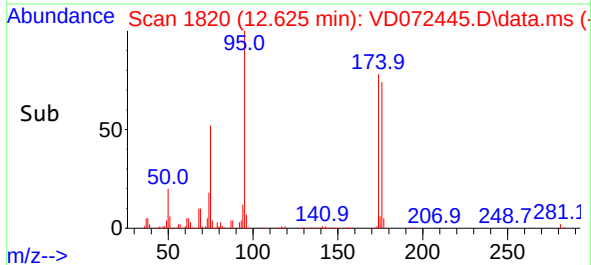
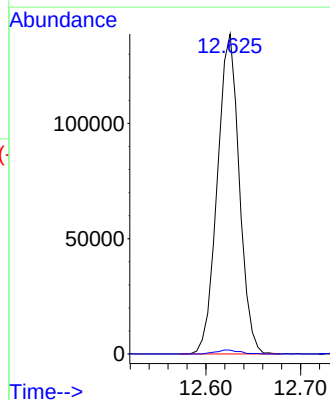
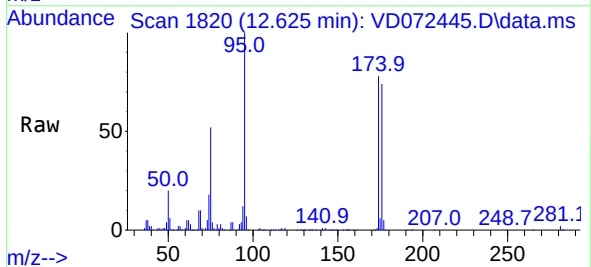
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

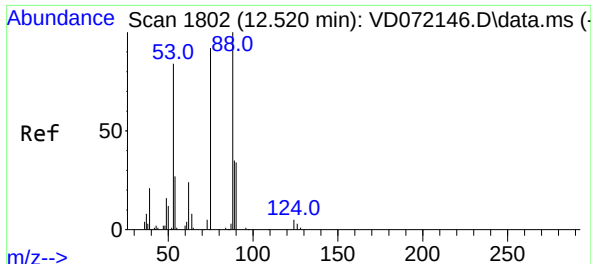
Tgt Ion:152 Resp: 440315
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 158.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.016 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 75 Resp: 223504
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

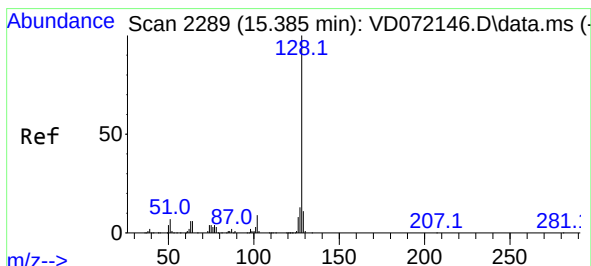
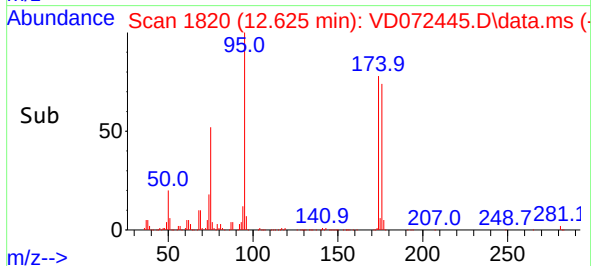
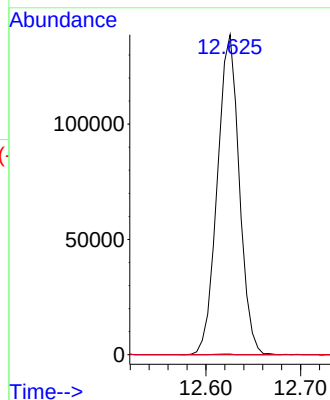
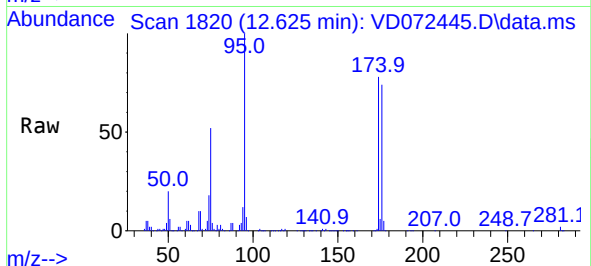




#81
trans-1,4-Dichloro-2-butene
Concen: 114.171 ug/l
RT: 12.625 min Scan# 11
Delta R.T. 0.105 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBL01

Tgt Ion: 75 Resp: 223504
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.001 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD072445.D
Acq: 28 Mar 2022 11:30

Tgt Ion: 128 Resp: 16393
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 14.1 8.4 12.6#

