

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073805.D
 Acq On : 07 Jul 2022 13:29
 Operator : VA/SY
 Sample : N3562-08RE
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10B

Quant Time: Jul 08 06:31:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

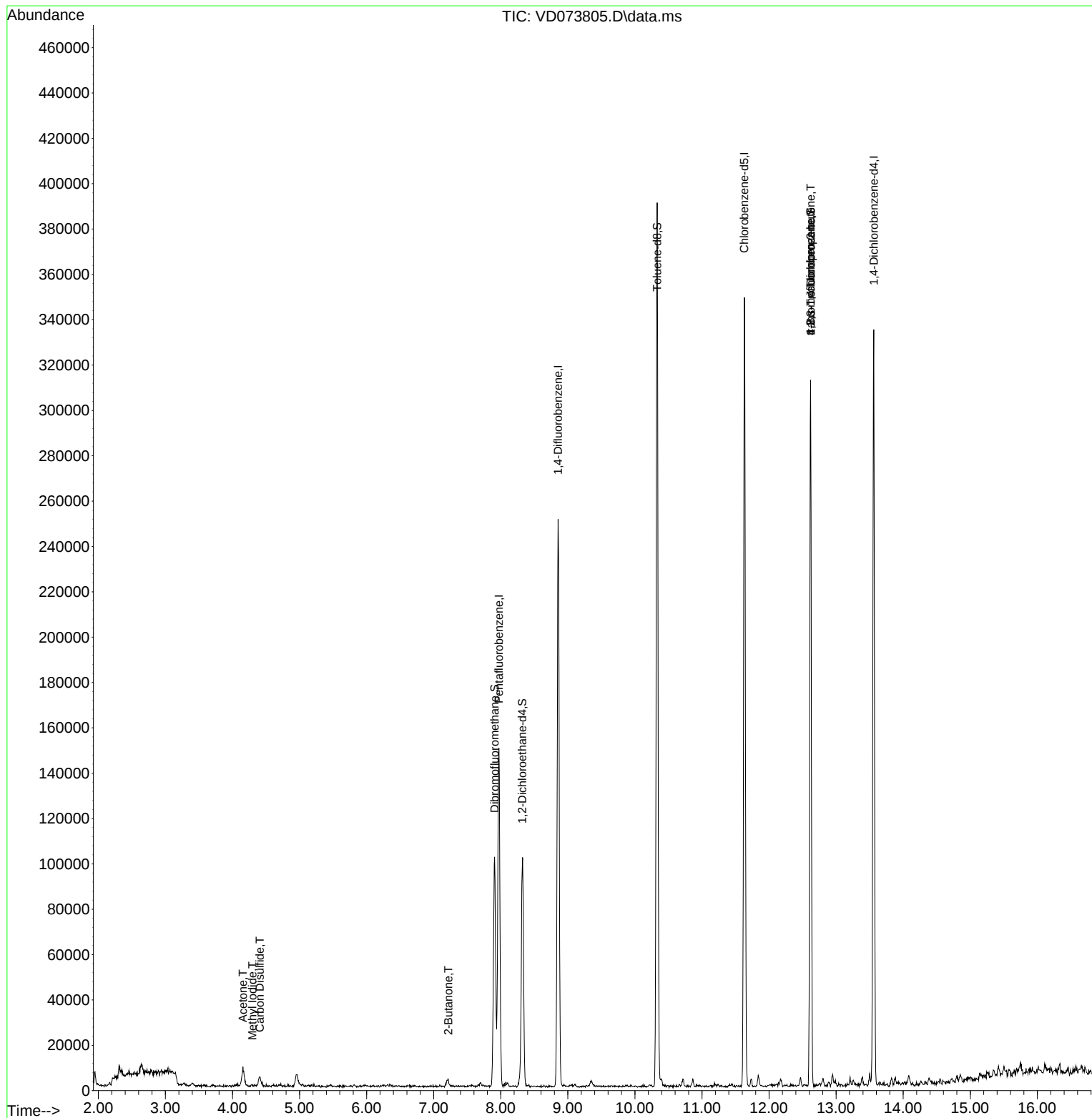
Internal Standards						
1) Pentafluorobenzene	7.973	168	95046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	206116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	188977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79438	67.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.860%
35) Dibromofluoromethane	7.908	113	69618	55.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.100%
50) Toluene-d8	10.332	98	256859	59.953	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	=	119.900%#
62) 4-Bromofluorobenzene	12.620	95	88617	50.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	=	100.640%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	623	Below Cal	#	42
3) Chloromethane	2.209	50	749	Below Cal	#	83
4) Vinyl Chloride	2.338	62	525	Below Cal	#	35
5) Bromomethane	2.773	94	1106	Below Cal	#	68
10) Methyl Iodide	4.297	142	677	1.048	ug/l #	46
16) Acetone	4.156	43	13314	45.391	ug/l	98
17) Carbon Disulfide	4.409	76	7691	1.442	ug/l #	86
18) Methyl Acetate	4.709	43	75	Below Cal	#	53
20) Methylene Chloride	4.961	84	3536	Below Cal		97
25) 2-Butanone	7.220	43	4046	10.532	ug/l #	76
31) Cyclohexane	7.967	56	4236	Below Cal	#	61
64) Tetrachloroethene	10.873	164	249	Below Cal	#	71
76) 1,2,3-Trichloropropane	12.620	75	51360	59.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	51360	132.477	ug/l #	11

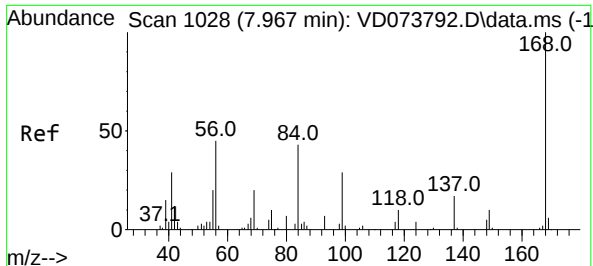
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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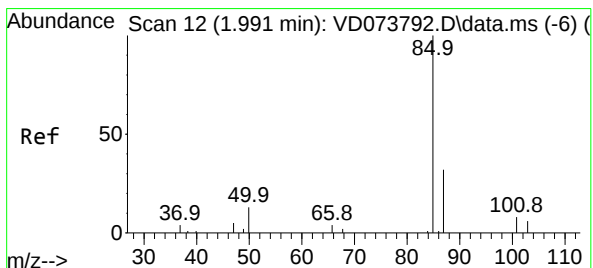
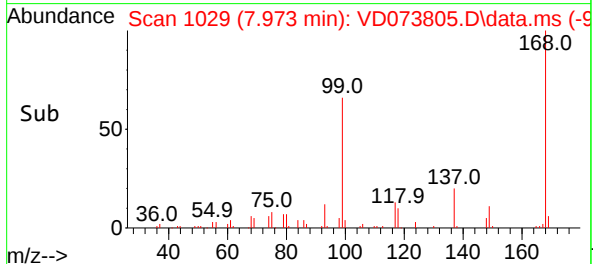
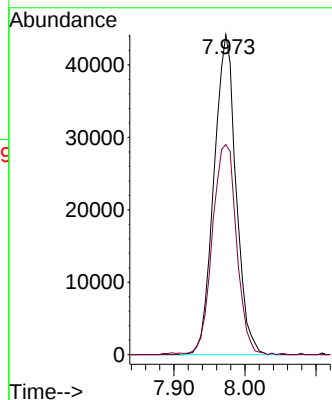
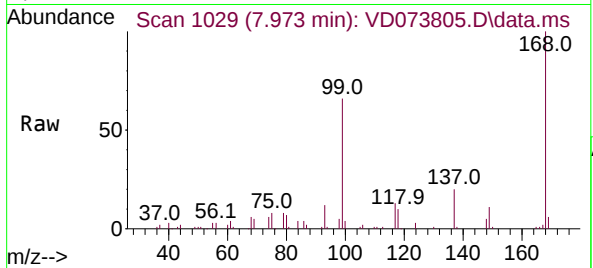




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

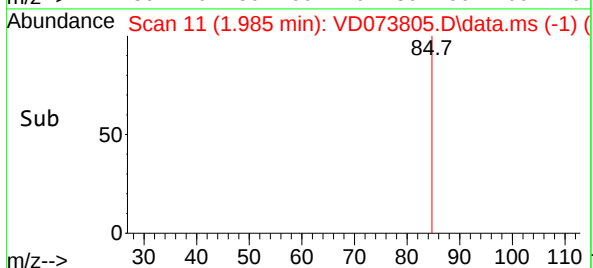
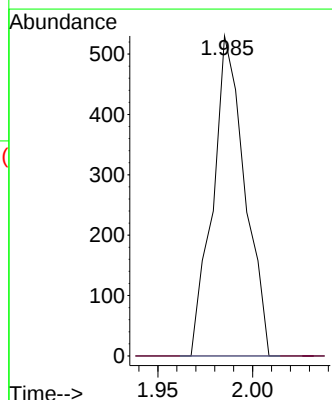
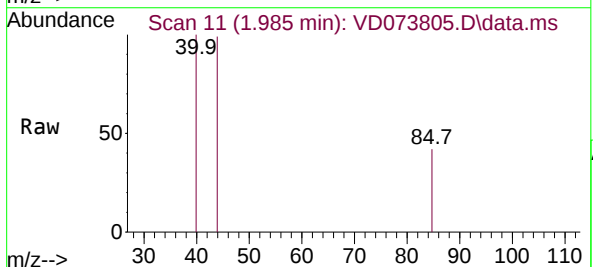
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

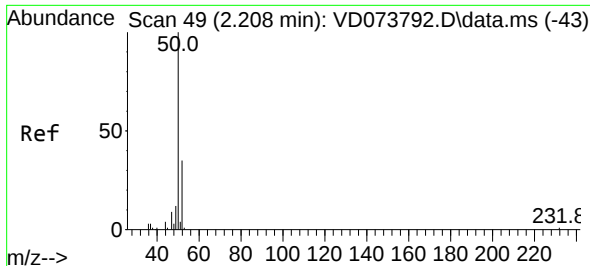
Tgt Ion:168 Resp: 95046
Ion Ratio Lower Upper
168 100
99 65.3 58.4 87.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 85 Resp: 623
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.5#

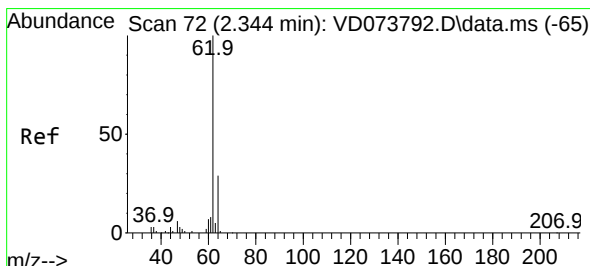
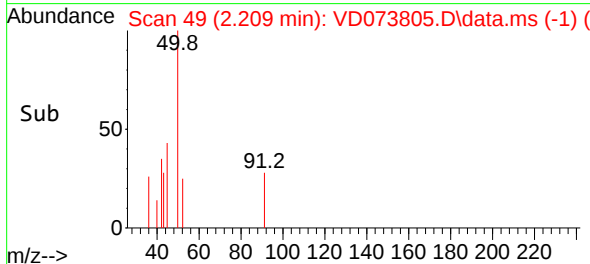
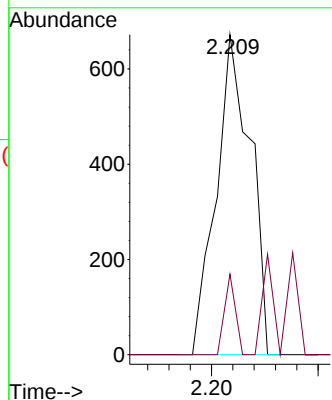
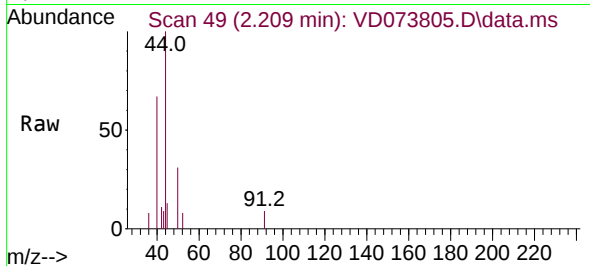




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

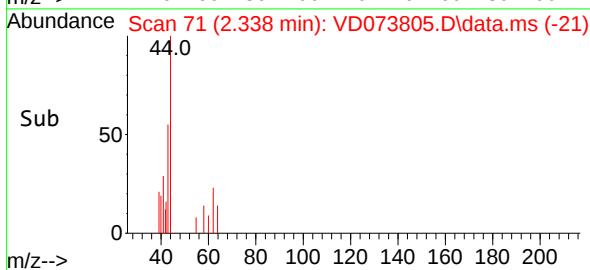
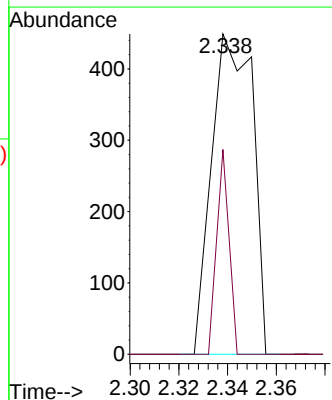
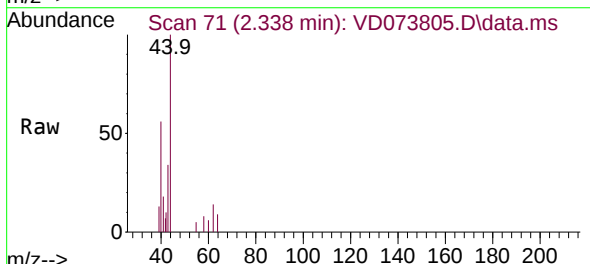
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

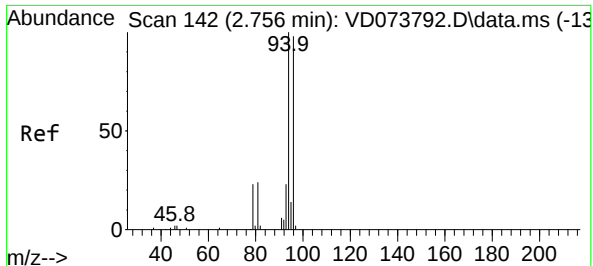
Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 25.1 27.8 41.6#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.338 min Scan# 71
Delta R.T. -0.006 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 62 Resp: 525
Ion Ratio Lower Upper
62 100
64 63.9 23.4 35.2#

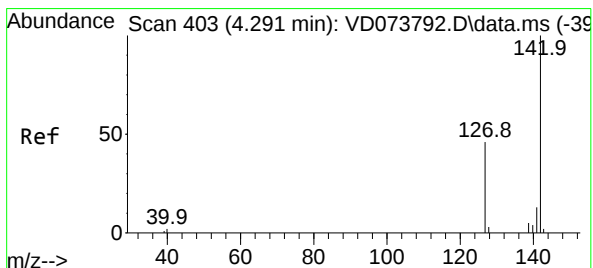
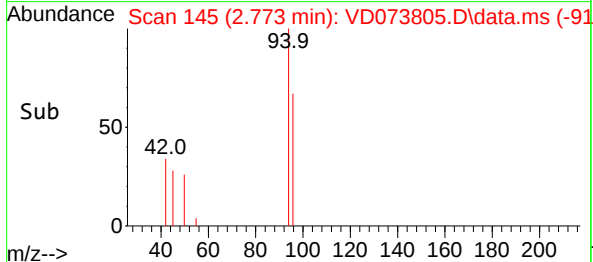
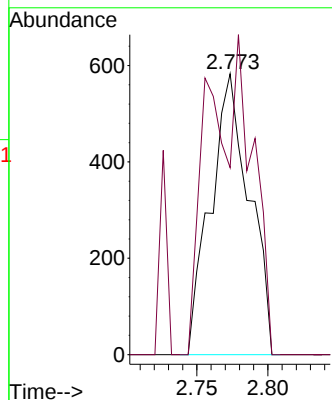
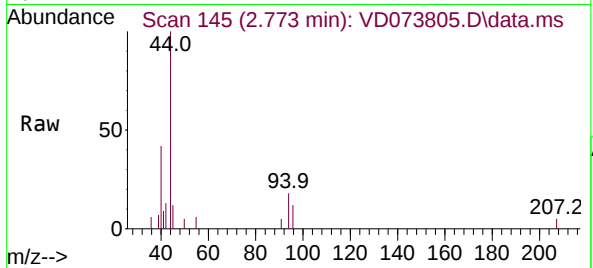




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 142
Delta R.T. 0.017 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

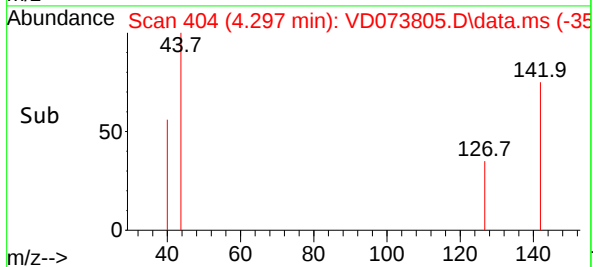
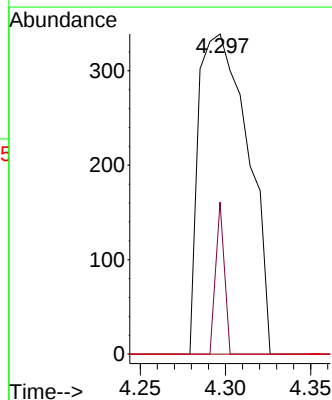
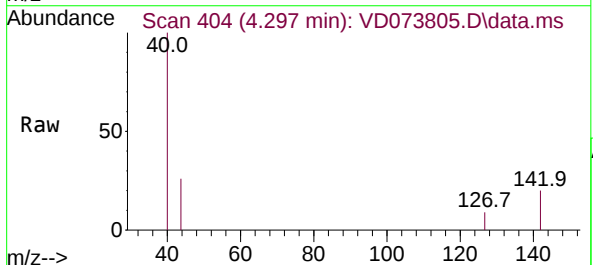
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

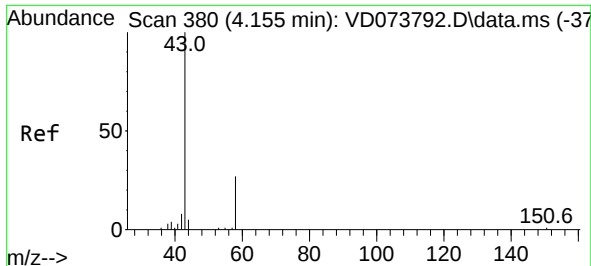
Tgt Ion: 94 Resp: 1106
Ion Ratio Lower Upper
94 100
96 66.6 78.3 117.5#



#10
Methyl Iodide
Concen: 1.048 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 142 Resp: 677
Ion Ratio Lower Upper
142 100
127 8.4 39.7 59.5#
141 0.0 11.1 16.7#

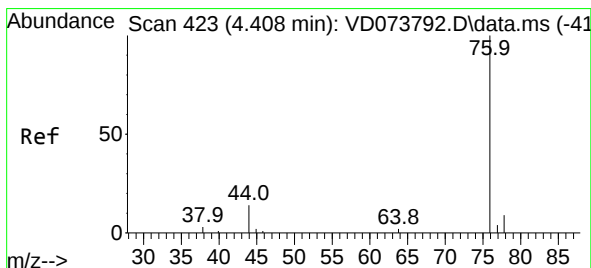
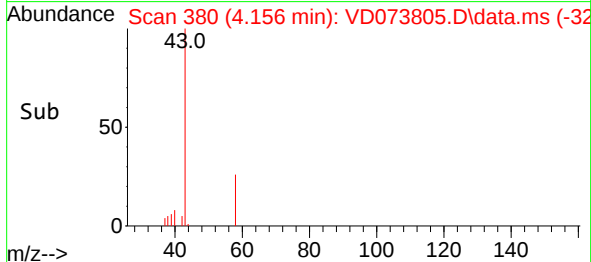
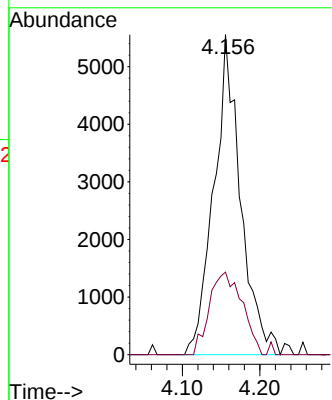
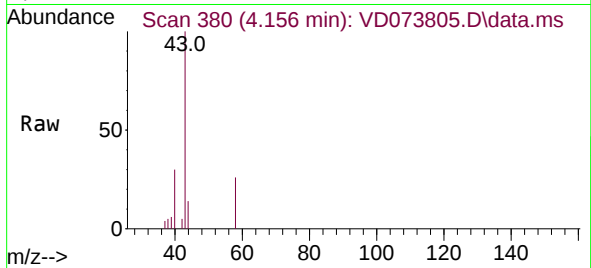




#16
Acetone
Concen: 45.391 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

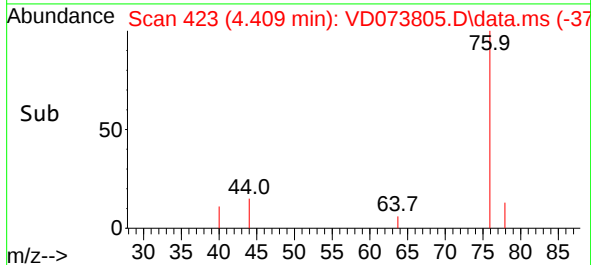
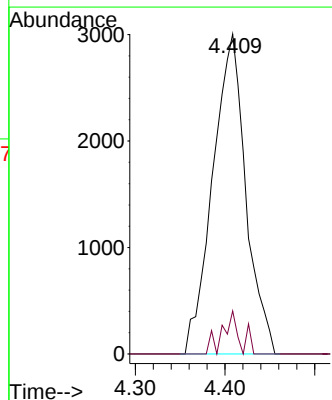
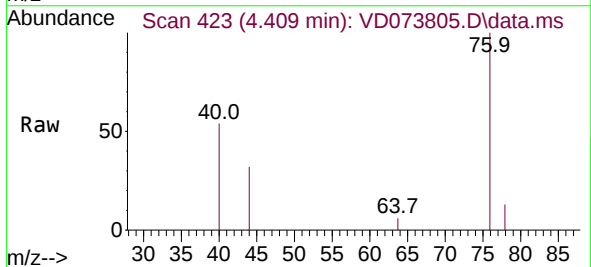
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

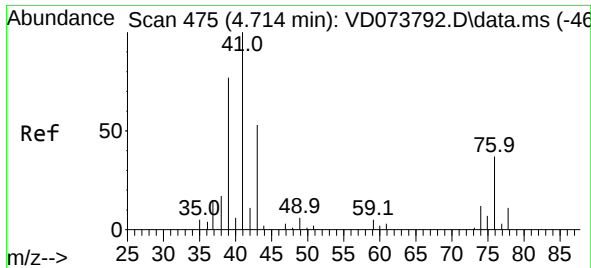
Tgt Ion: 43 Resp: 13314
Ion Ratio Lower Upper
43 100
58 25.8 21.3 31.9



#17
Carbon Disulfide
Concen: 1.442 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.001 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 76 Resp: 7691
Ion Ratio Lower Upper
76 100
78 13.5 6.8 10.2#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.709 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD073805.D

Acq: 07 Jul 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

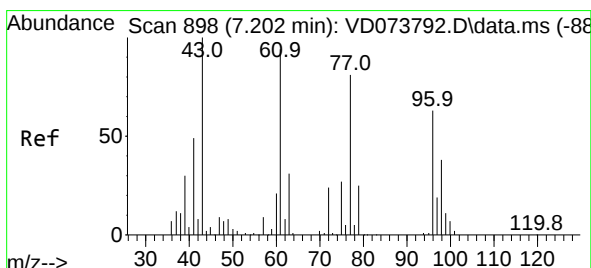
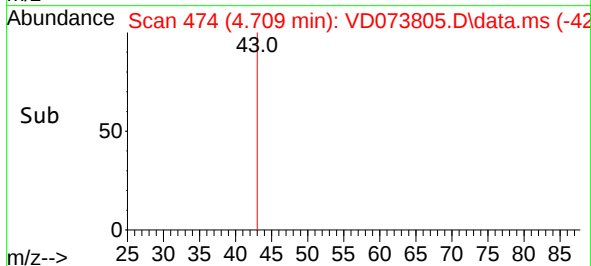
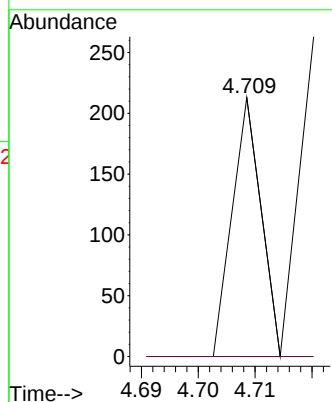
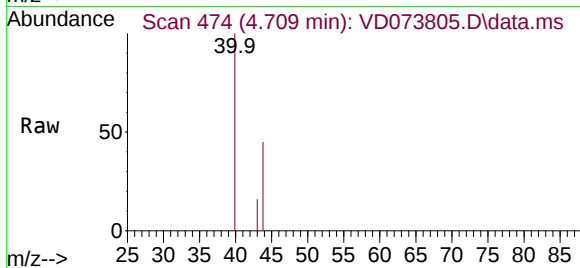
SB-10B

Tgt Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



#25

2-Butanone

Concen: 10.532 ug/l

RT: 7.220 min Scan# 901

Delta R.T. 0.018 min

Lab File: VD073805.D

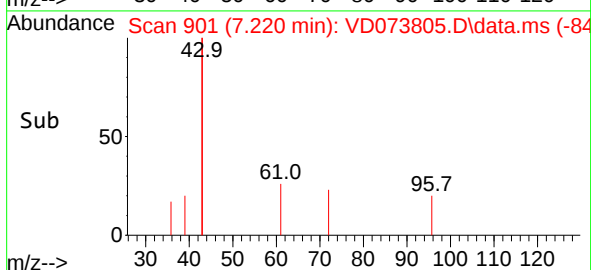
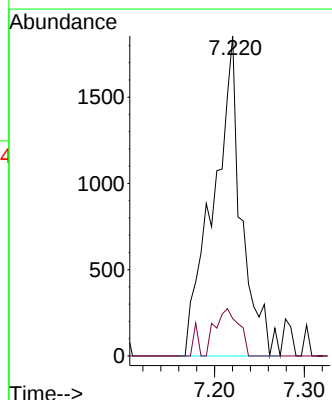
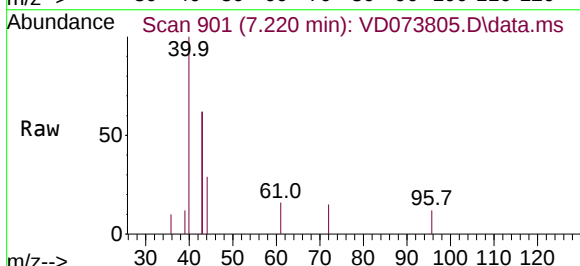
Acq: 07 Jul 2022 13:29

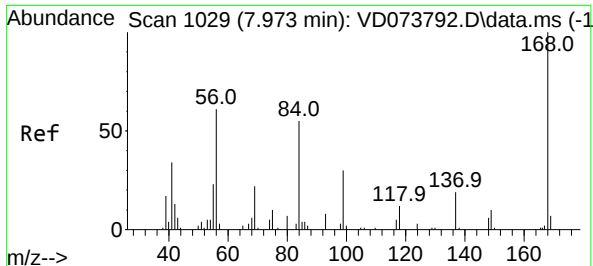
Tgt Ion: 43 Resp: 4046

Ion Ratio Lower Upper

43 100

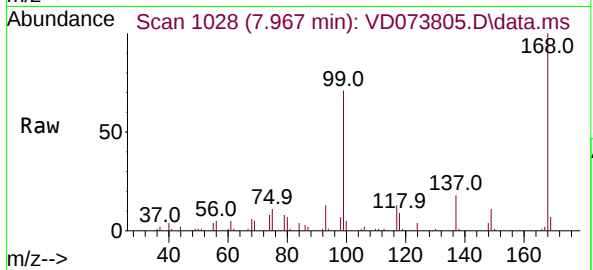
72 11.7 18.8 28.2#



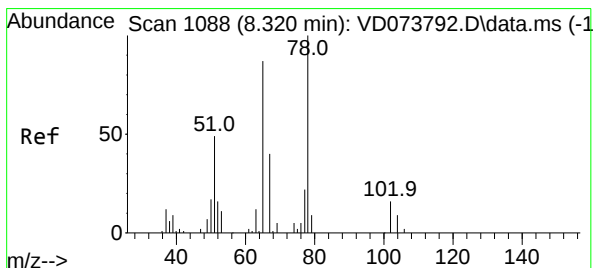
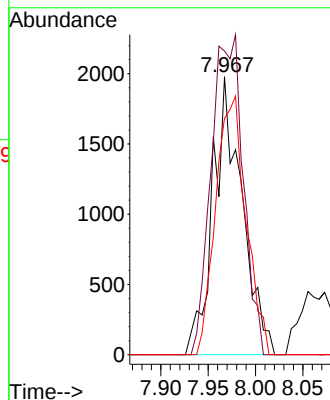
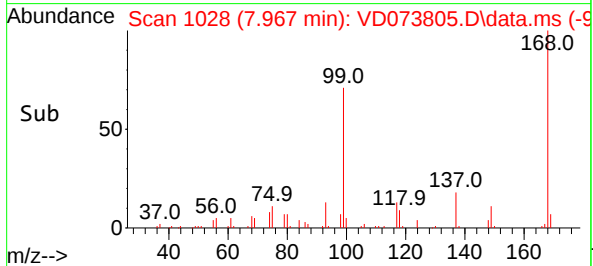


#31
Cyclohexane
Concen: Below Cal
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
SB-10B

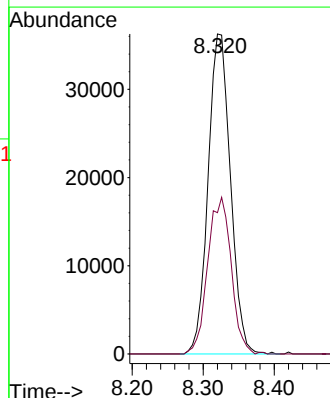
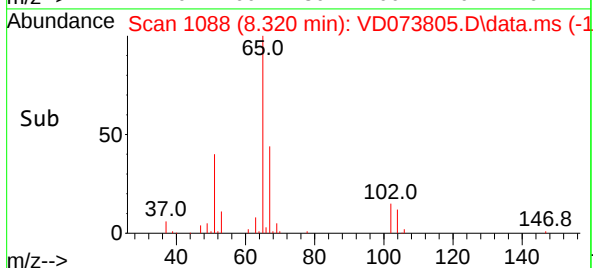
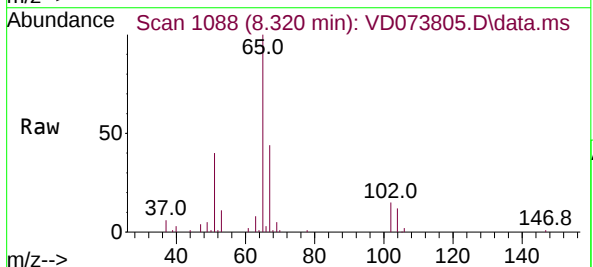


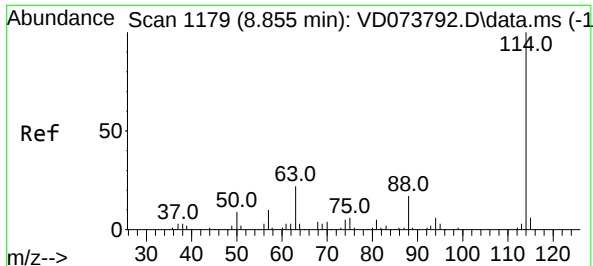
Tgt Ion: 56 Resp: 4236
Ion Ratio Lower Upper
56 100
69 109.2 29.4 44.2#
84 85.0 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 67.928 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 65 Resp: 79438
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073805.D

Acq: 07 Jul 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

SB-10B

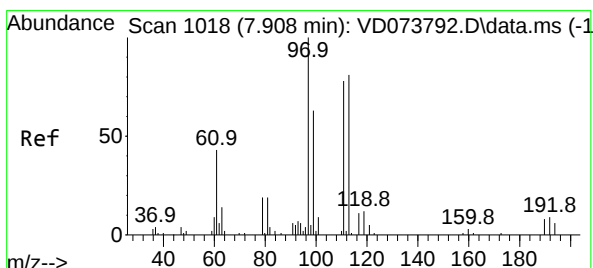
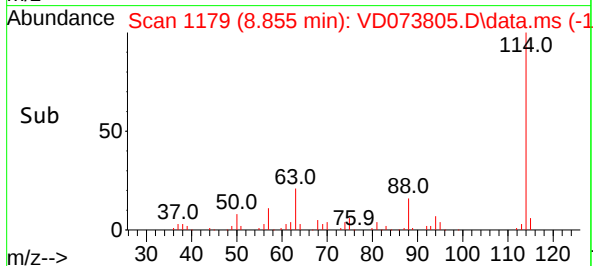
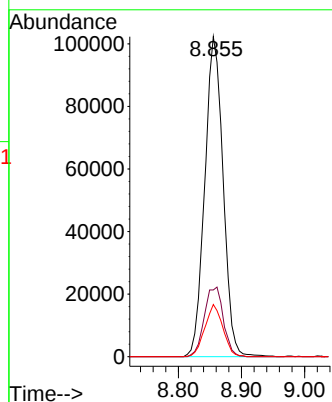
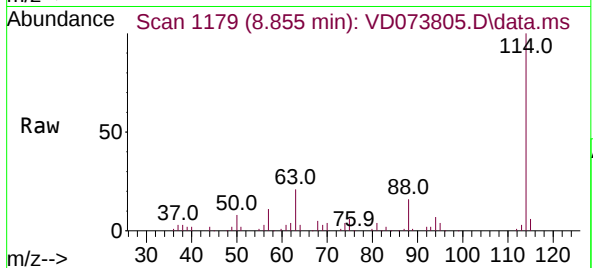
Tgt Ion:114 Resp: 206116

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

88 16.3 0.0 33.6



#35

Dibromofluoromethane

Concen: 55.047 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073805.D

Acq: 07 Jul 2022 13:29

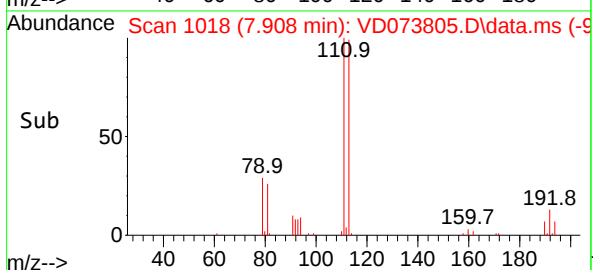
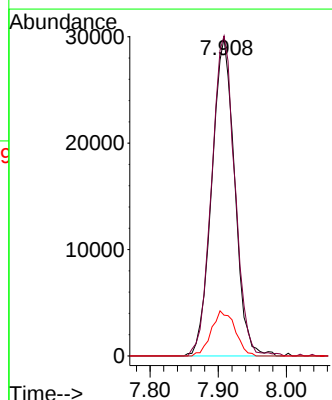
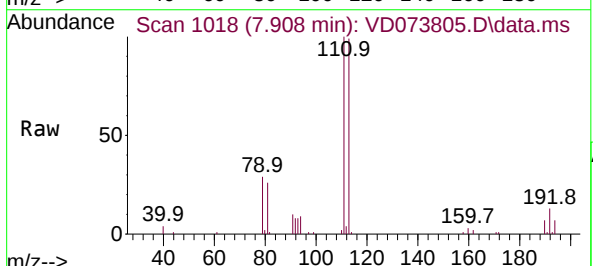
Tgt Ion:113 Resp: 69618

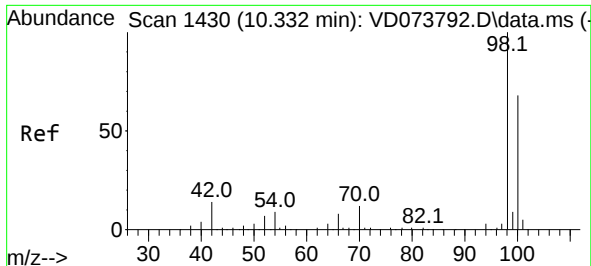
Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

192 14.7 11.7 17.5

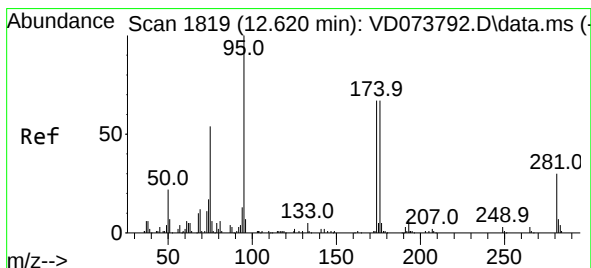
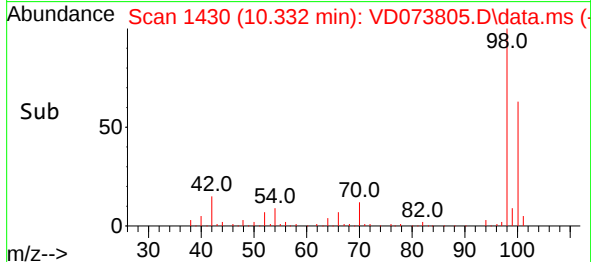
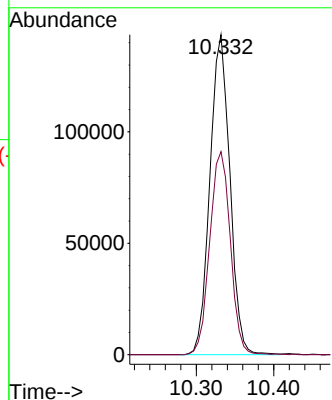
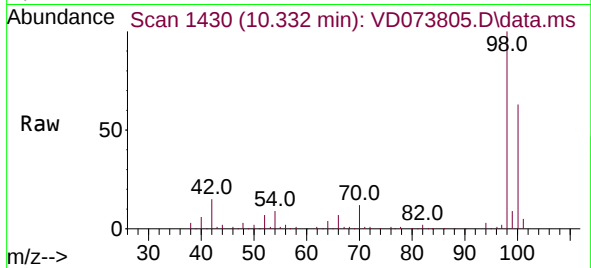




#50
Toluene-d8
Concen: 59.953 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

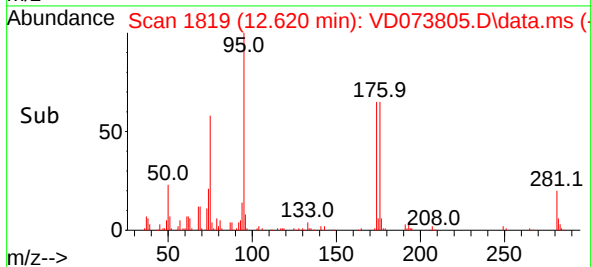
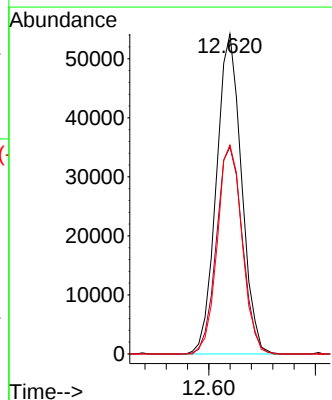
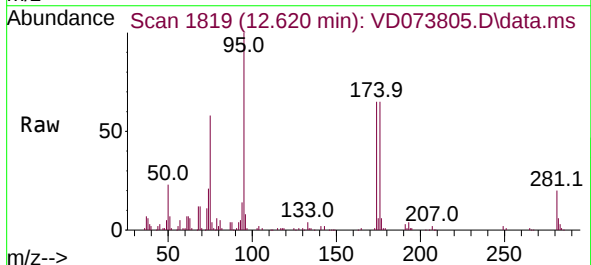
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

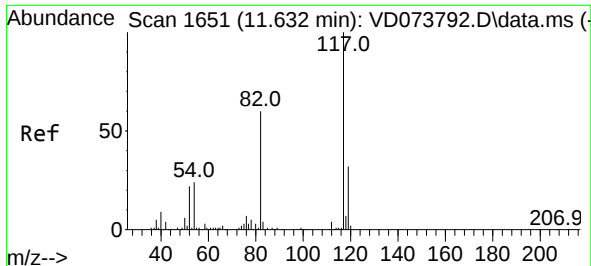
Tgt Ion: 98 Resp: 256859
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.321 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

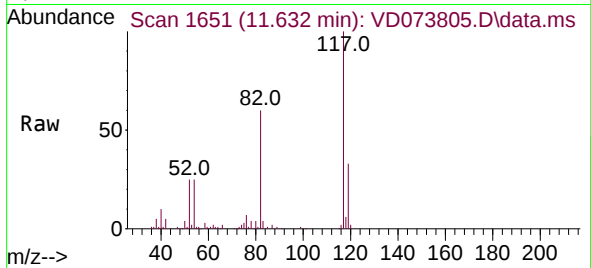
Tgt Ion: 95 Resp: 88617
Ion Ratio Lower Upper
95 100
174 66.7 0.0 132.4
176 64.4 0.0 129.0



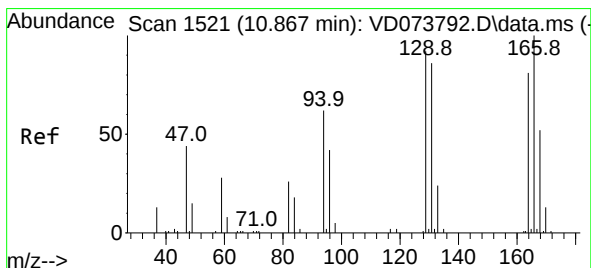
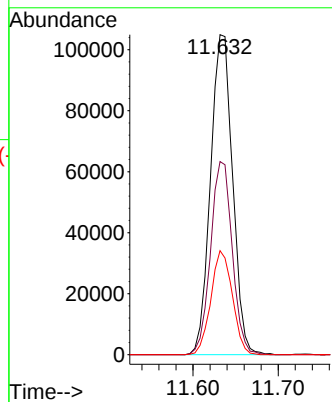
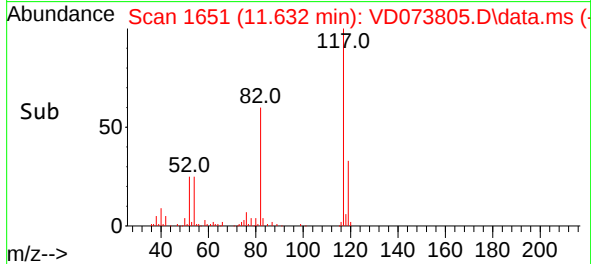


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

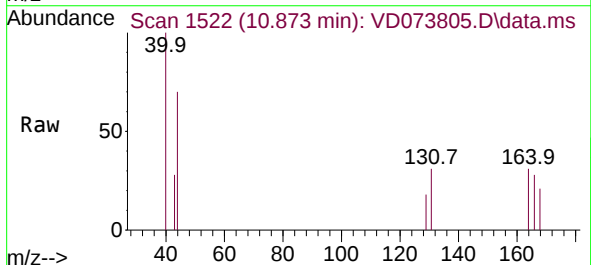
Instrument :
MSVOA_D
ClientSampleId :
SB-10B



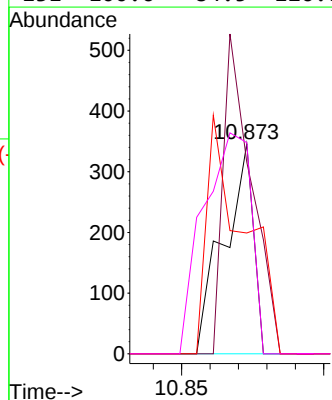
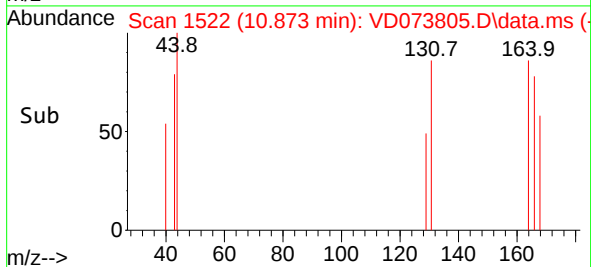
Tgt Ion:117 Resp: 188977
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.2
119 32.5 25.2 37.8

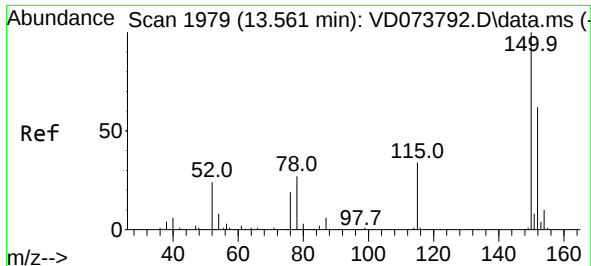


#64
Tetrachloroethene
Concen: Below Cal
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29



Tgt Ion:164 Resp: 249
Ion Ratio Lower Upper
164 100
166 91.3 98.8 148.2#
129 57.5 91.0 136.4#
131 100.6 84.5 126.7

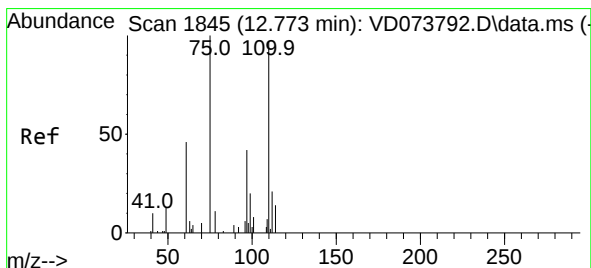
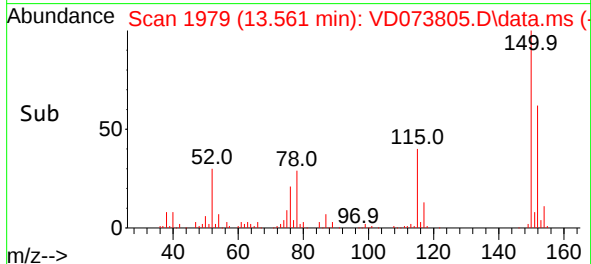
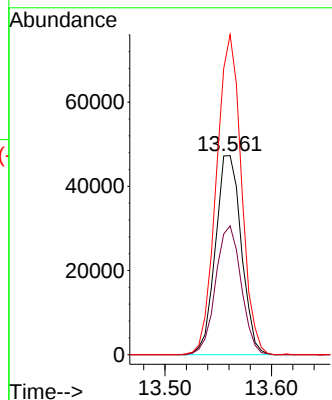
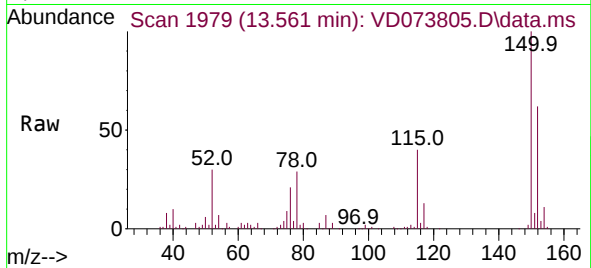




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073805.D
 Acq: 07 Jul 2022 13:29

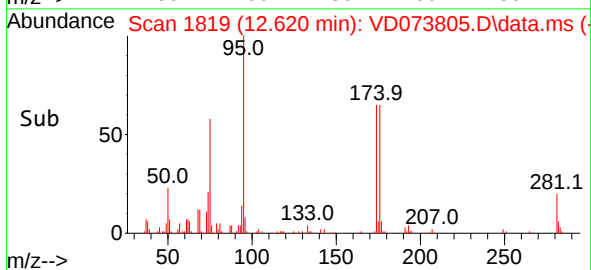
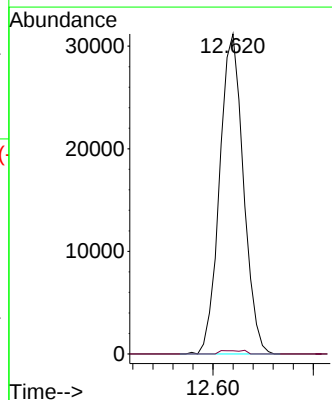
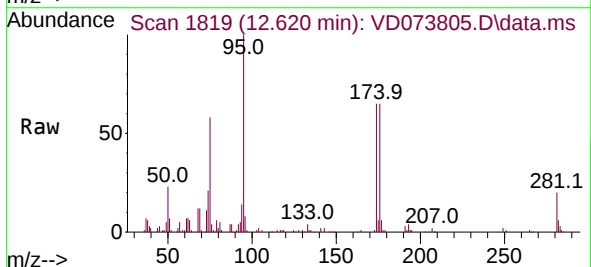
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10B

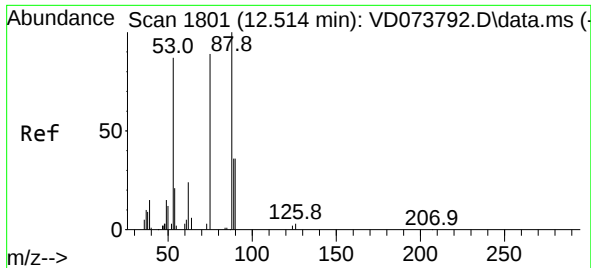
Tgt Ion:152 Resp: 79552
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.2 96.6
 150 155.5 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 59.298 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073805.D
 Acq: 07 Jul 2022 13:29

Tgt Ion: 75 Resp: 51360
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.477 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
SB-10B

Tgt Ion: 75 Resp: 51360
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.4 37.2 55.8#

