

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072505.D
 Acq On : 01 Apr 2022 16:22
 Operator : VA/SY
 Sample : N2217-10
 Misc : 3.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9

Quant Time: Apr 02 02:38:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

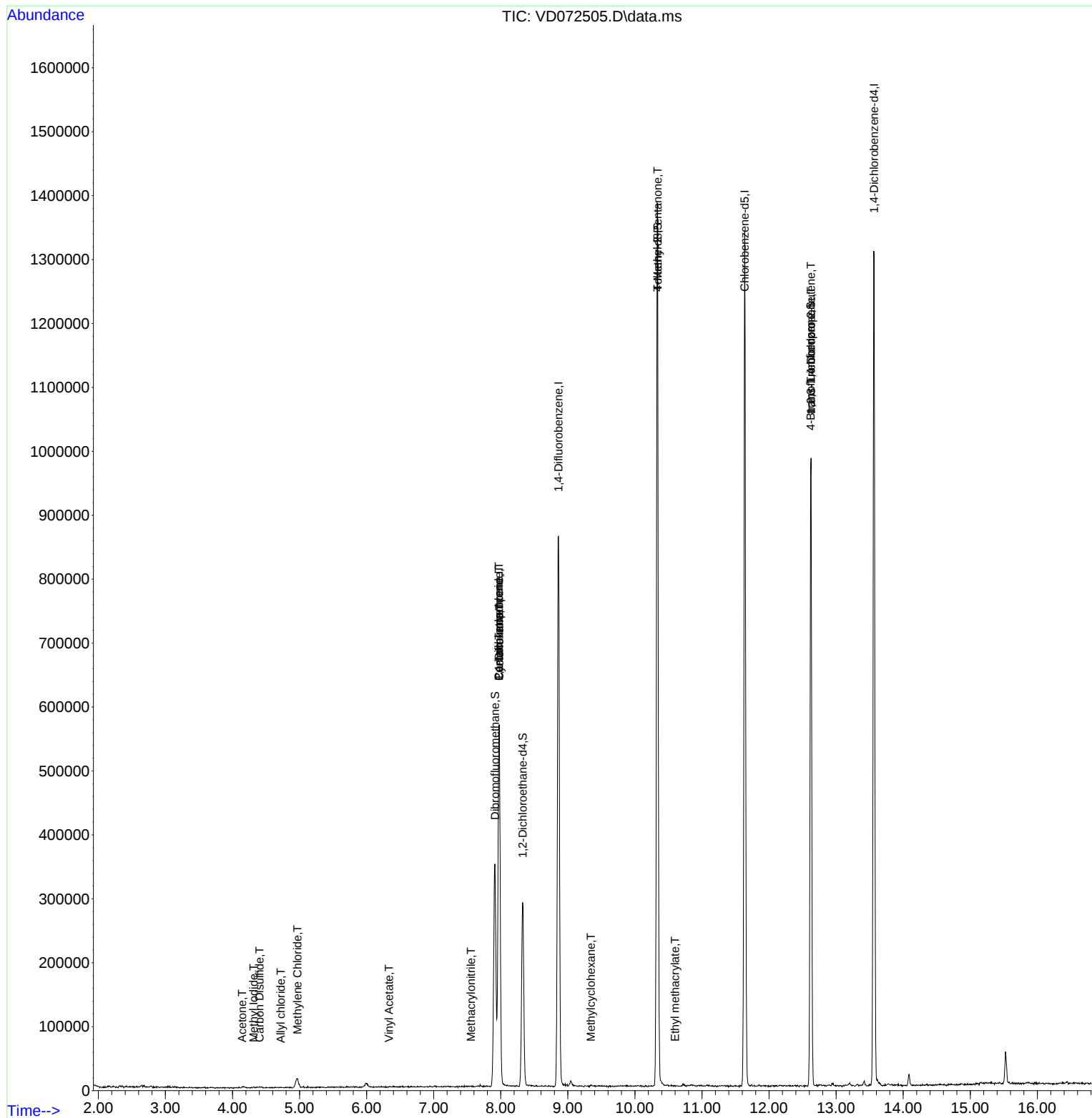
Internal Standards						
1) Pentafluorobenzene	7.973	168	423518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	773136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	765336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	358075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234636	45.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.600%		
35) Dibromofluoromethane	7.914	113	254258	42.317	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.640%		
50) Toluene-d8	10.338	98	951315	45.549	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.620	95	341151	41.825	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.640%		
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	1516	4.040	ug/l #	43
14) Allyl chloride	4.720	41	55	1.135	ug/l #	42
16) Acetone	4.144	43	1112	1.164	ug/l #	78
17) Carbon Disulfide	4.403	76	1094	3.749	ug/l #	61
20) Methylene Chloride	4.967	84	11203	1.970	ug/l #	75
23) Vinyl Acetate	6.332	43	146	6.306	ug/l #	75
31) Cyclohexane	7.979	56	9768	1.458	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	34903	5.568	ug/l #	51
38) Carbon Tetrachloride	7.973	117	46207	5.582	ug/l #	17
39) Methylcyclohexane	9.344	83	79	2.885	ug/l #	17
41) Methacrylonitrile	7.555	41	99	1.710	ug/l #	27
51) 4-Methyl-2-Pentanone	10.338	43	4209	1.284	ug/l #	1
56) Ethyl methacrylate	10.596	69	70	1.203	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	173129	44.331	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	173129	108.779	ug/l #	7

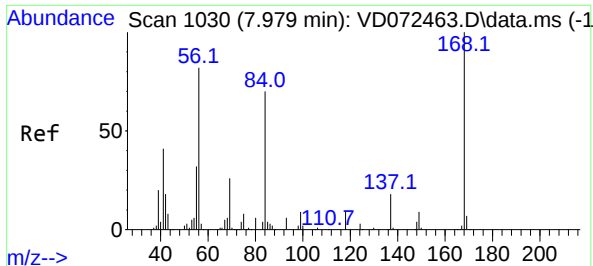
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 02:38:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

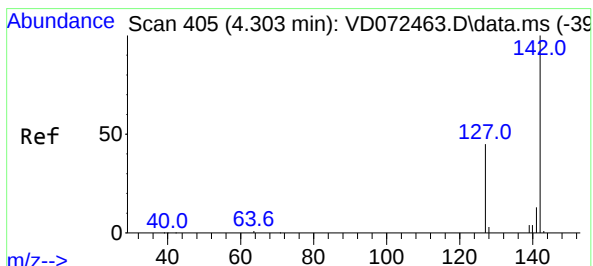
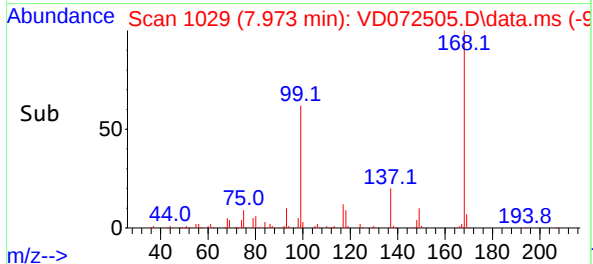
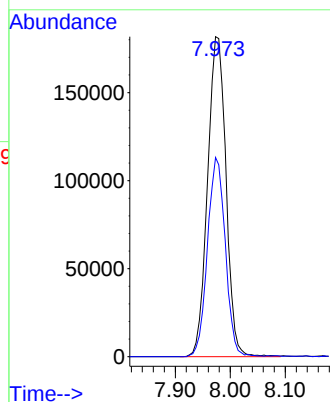
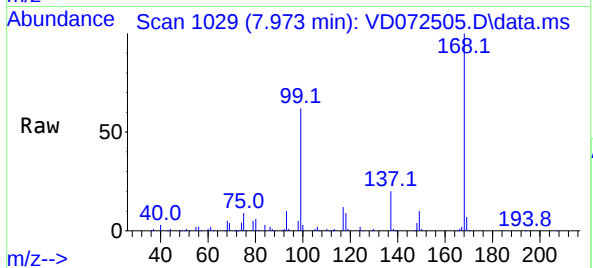




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

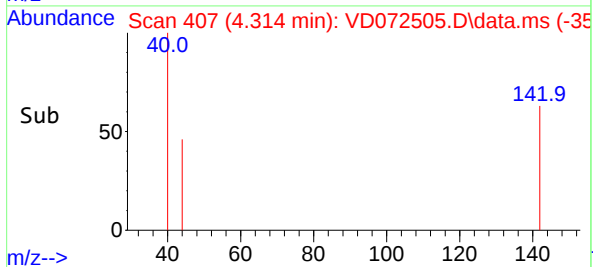
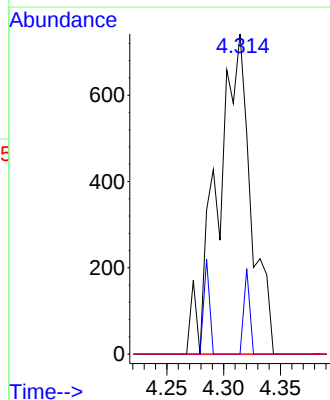
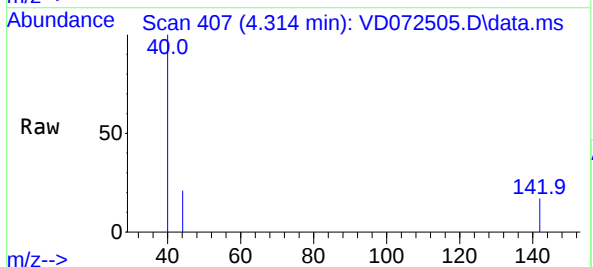
Instrument :
MSVOA_D
ClientSampleId :
SB-9

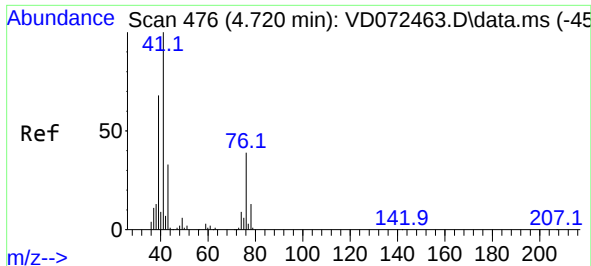
Tgt Ion:168 Resp: 423518
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#10
Methyl Iodide
Concen: 4.040 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

Tgt Ion:142 Resp: 1516
Ion Ratio Lower Upper
142 100
127 4.6 37.3 55.9#
141 0.0 11.7 17.5#

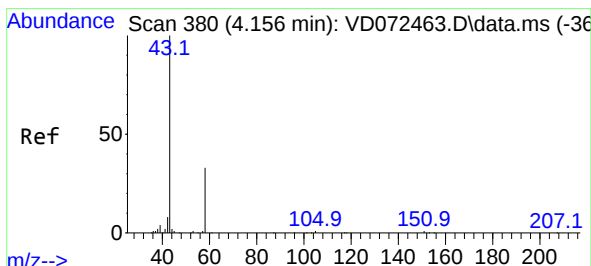
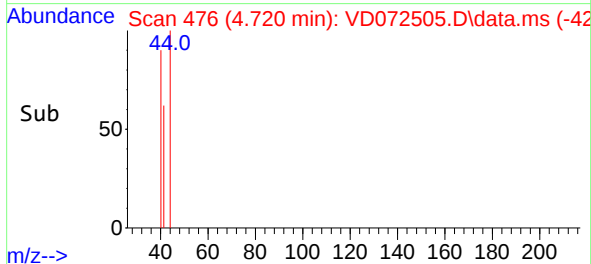
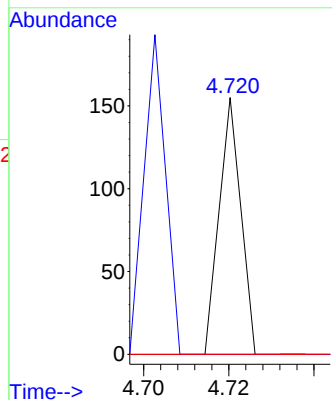
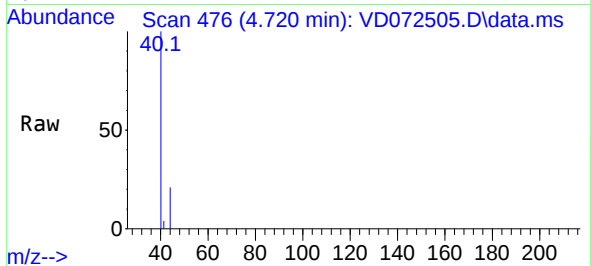




#14
 Allyl chloride
 Concen: 1.135 ug/l
 RT: 4.720 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VD072505.D
 Acq: 01 Apr 2022 16:22

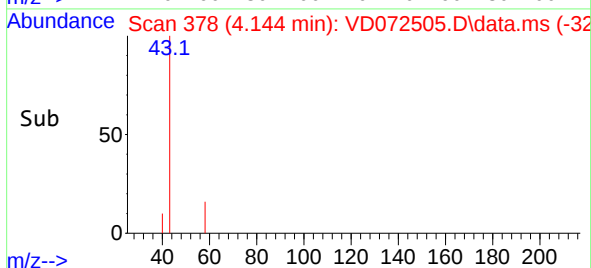
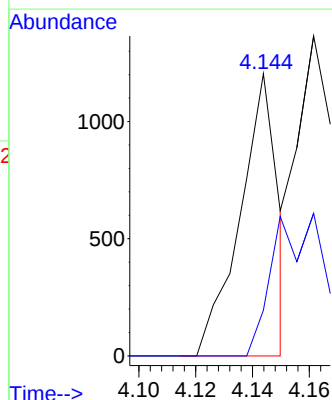
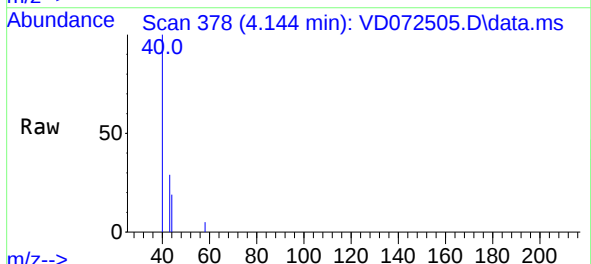
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9

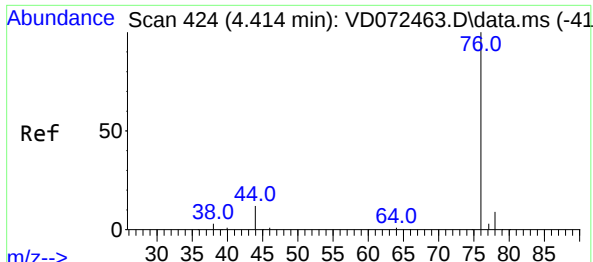
Tgt Ion: 41	Resp: 55	
Ion Ratio	Lower	Upper
41	100	
39	123.6	59.3 88.9#
76	0.0	25.7 38.5#



#16
 Acetone
 Concen: 1.164 ug/l
 RT: 4.144 min Scan# 378
 Delta R.T. -0.012 min
 Lab File: VD072505.D
 Acq: 01 Apr 2022 16:22

Tgt Ion: 43	Resp: 1112
Ion Ratio	Lower Upper
43 100	
58 16.2	22.1 33.1#

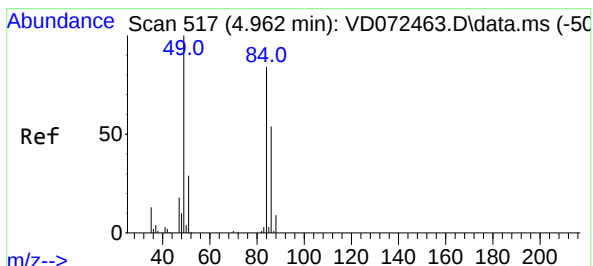
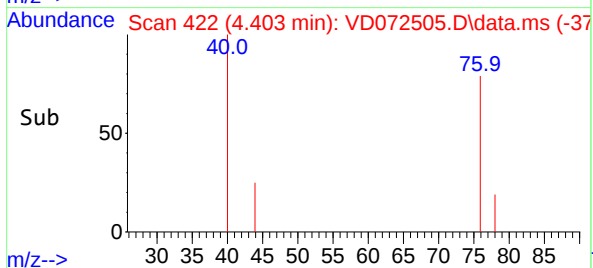
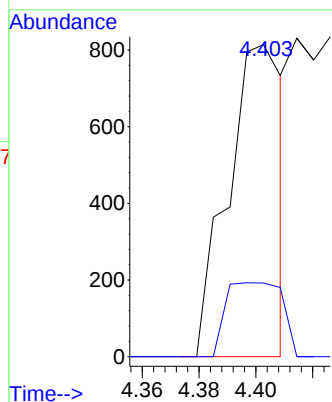
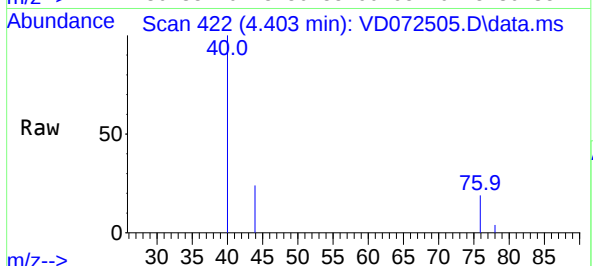




#17
Carbon Disulfide
Concen: 3.749 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

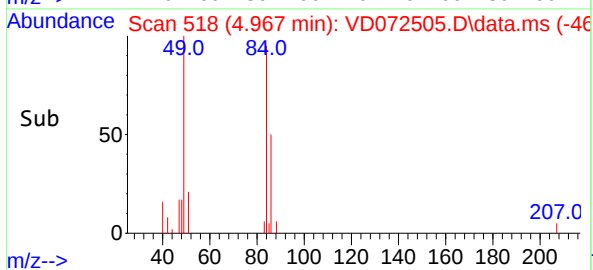
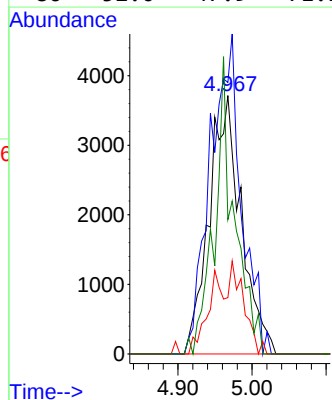
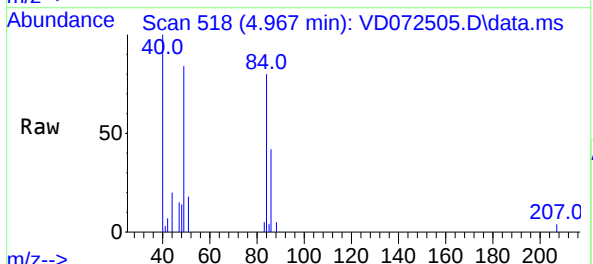
Instrument :
MSVOA_D
ClientSampleId :
SB-9

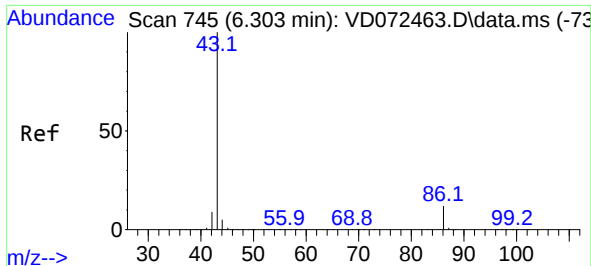
Tgt Ion: 76 Resp: 1094
Ion Ratio Lower Upper
76 100
78 23.6 7.5 11.3#



#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

Tgt Ion: 84 Resp: 11203
Ion Ratio Lower Upper
84 100
49 105.1 112.8 169.2#
51 21.8 32.6 48.8#
86 52.0 47.9 71.9

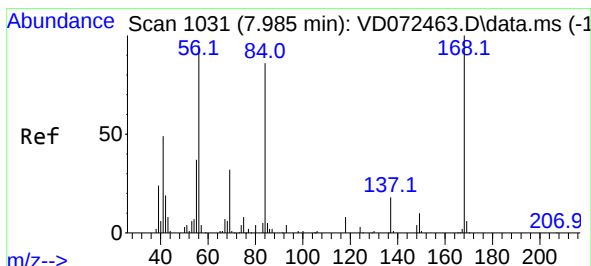
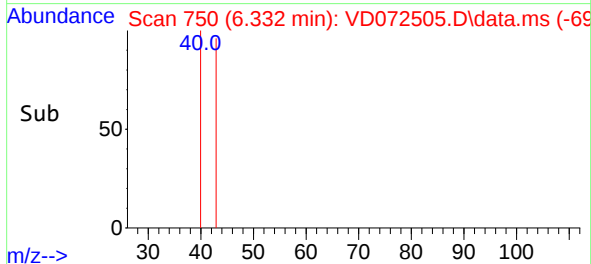
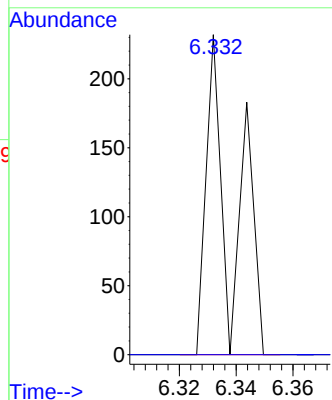
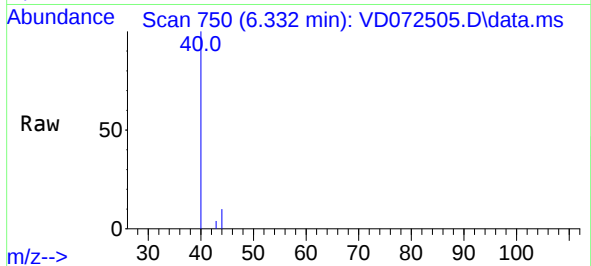




#23
 Vinyl Acetate
 Concen: 6.306 ug/l
 RT: 6.332 min Scan# 71
 Delta R.T. 0.029 min
 Lab File: VD072505.D
 Acq: 01 Apr 2022 16:22

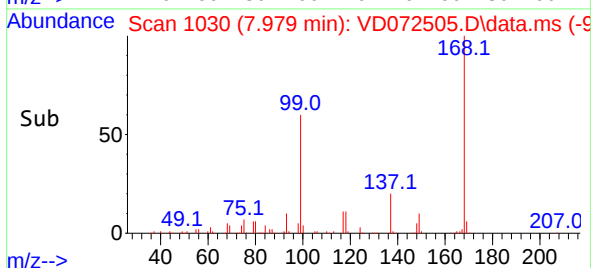
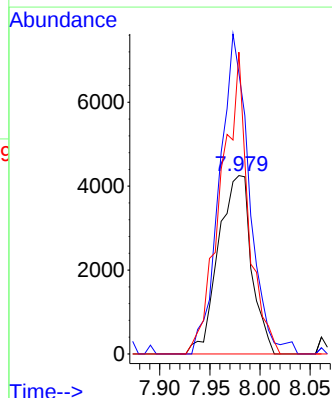
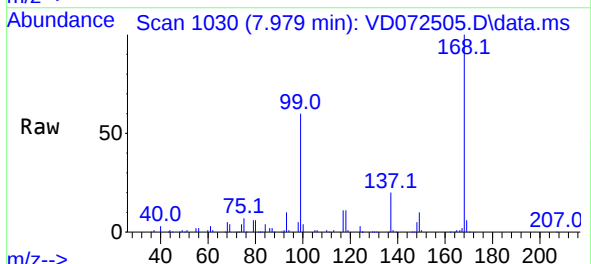
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9

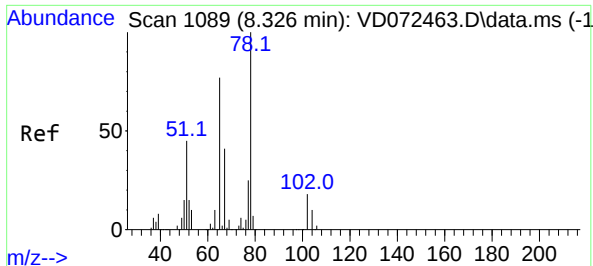
Tgt Ion: 43 Resp: 146
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.458 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD072505.D
 Acq: 01 Apr 2022 16:22

Tgt Ion: 56 Resp: 9768
 Ion Ratio Lower Upper
 56 100
 69 157.3 25.4 38.2#
 84 169.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.798 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072505.D

Acq: 01 Apr 2022 16:22

Instrument :

MSVOA_D

ClientSampleId :

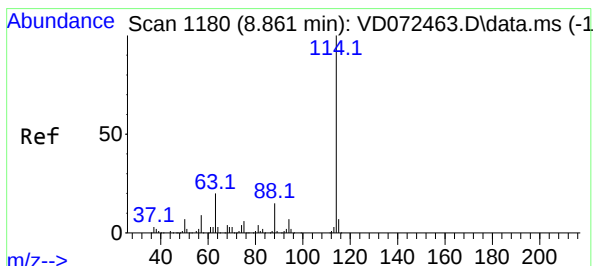
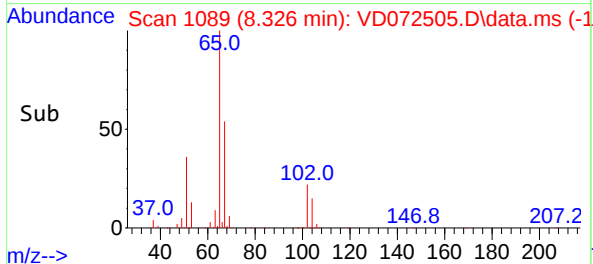
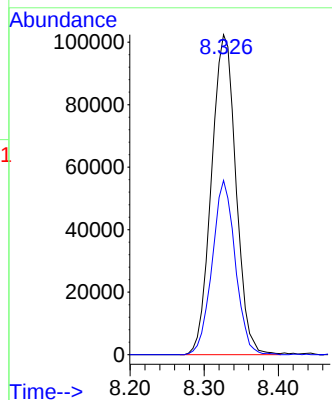
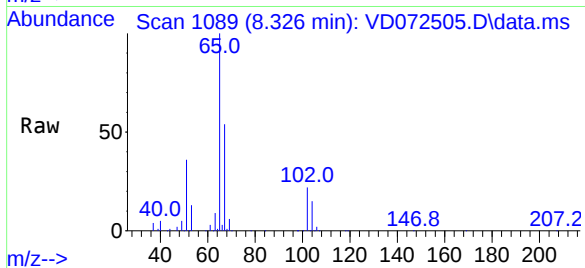
SB-9

Tgt Ion: 65 Resp: 234636

Ion Ratio Lower Upper

65 100

67 51.4 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: VD072505.D

Acq: 01 Apr 2022 16:22

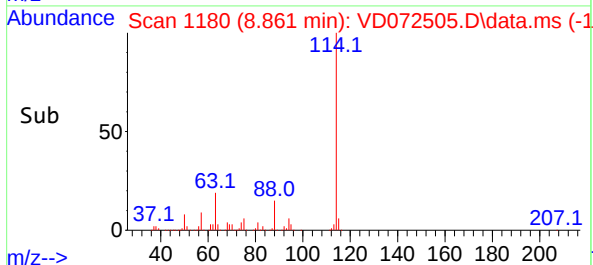
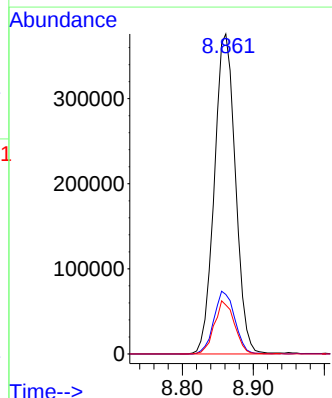
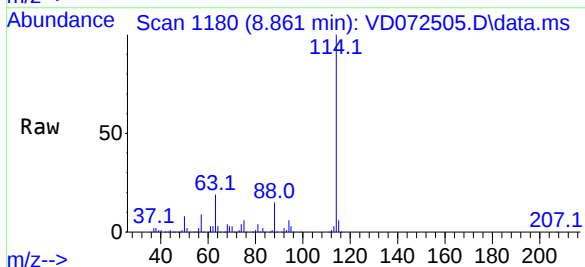
Tgt Ion: 114 Resp: 773136

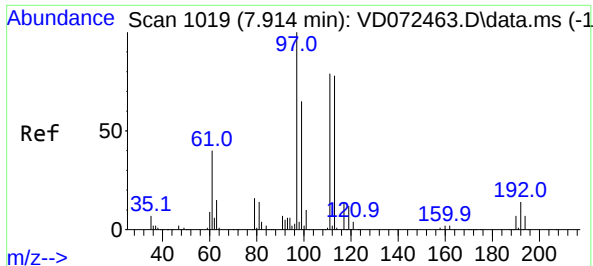
Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 15.3 0.0 33.2

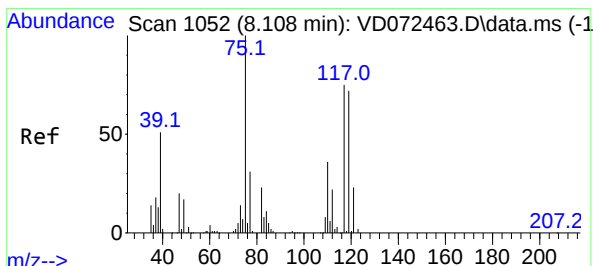
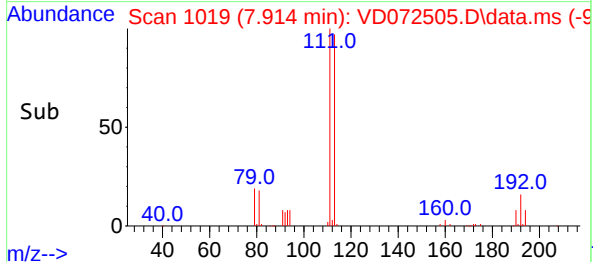
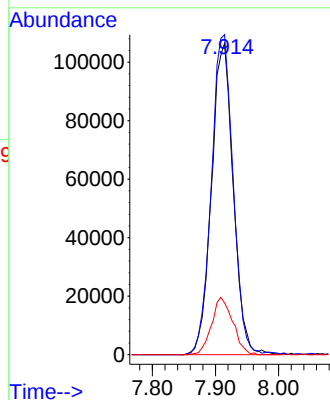
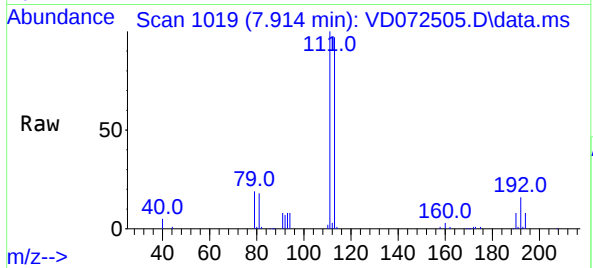




#35
Dibromofluoromethane
Concen: 42.317 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

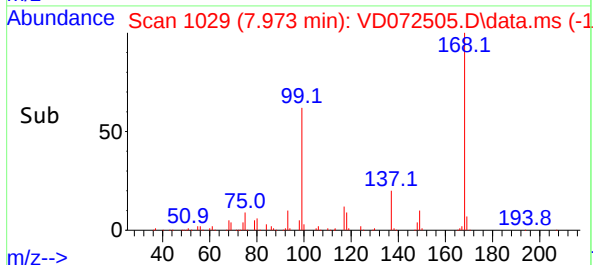
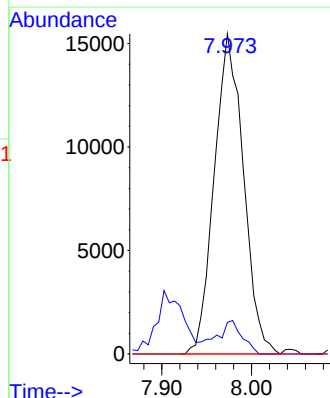
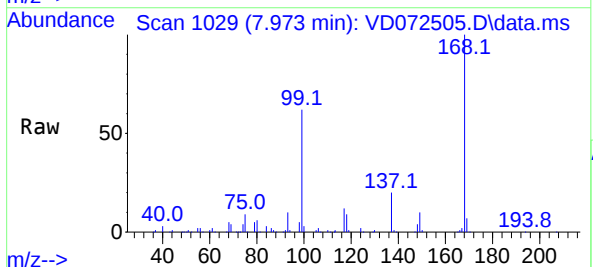
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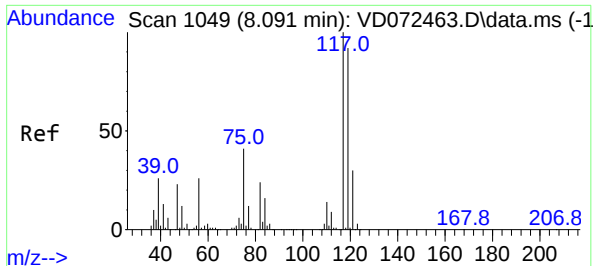
Tgt Ion:113 Resp: 254258
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.568 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

Tgt Ion: 75 Resp: 34903
Ion Ratio Lower Upper
75 100
110 9.0 16.4 49.1#
77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.582 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072505.D

Acq: 01 Apr 2022 16:22

Instrument :

MSVOA_D

ClientSampleId :

SB-9

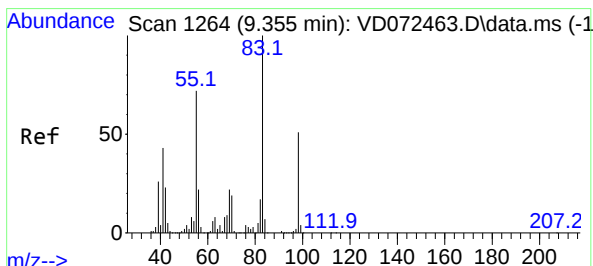
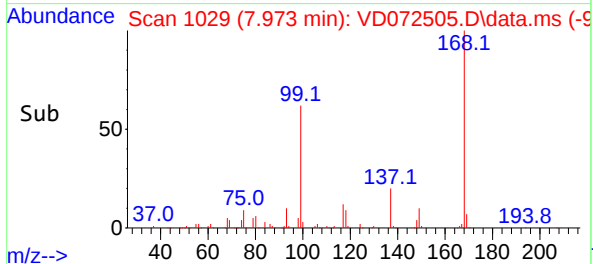
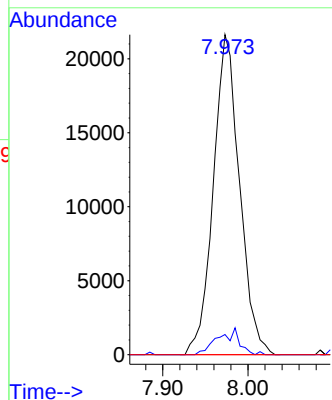
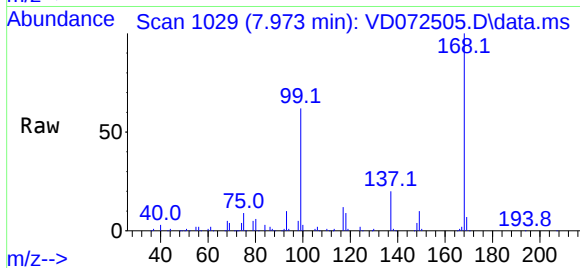
Tgt Ion:117 Resp: 46207

Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

121 0.0 24.5 36.7#



#39

Methylcyclohexane

Concen: 2.885 ug/l

RT: 9.344 min Scan# 1262

Delta R.T. -0.011 min

Lab File: VD072505.D

Acq: 01 Apr 2022 16:22

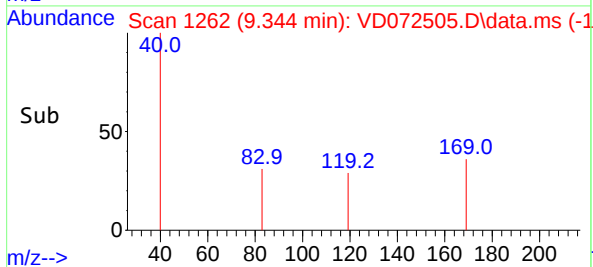
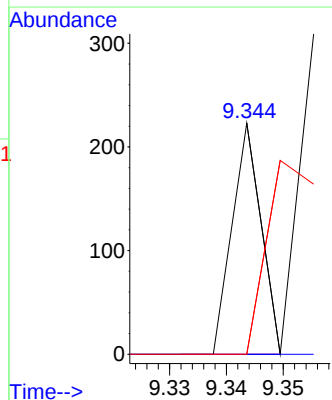
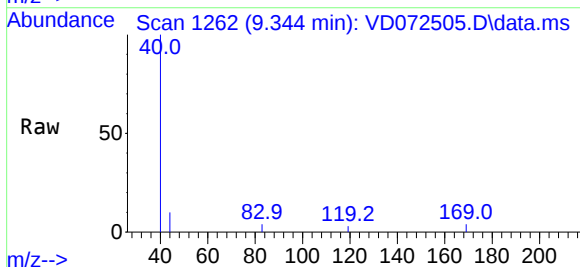
Tgt Ion: 83 Resp: 79

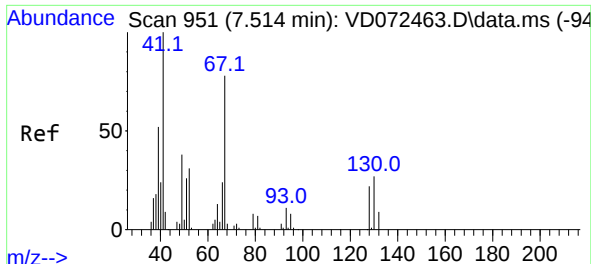
Ion Ratio Lower Upper

83 100

55 0.0 63.2 94.8#

98 0.0 38.2 57.4#

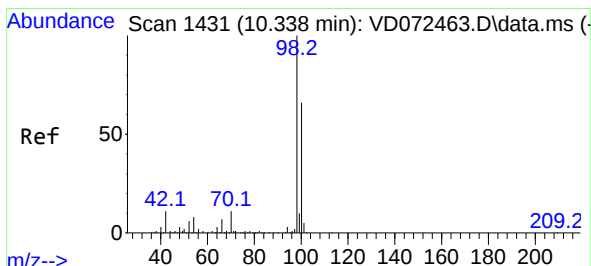
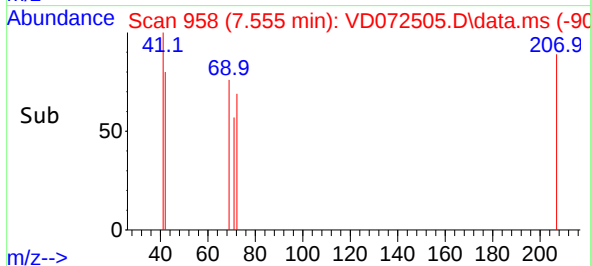
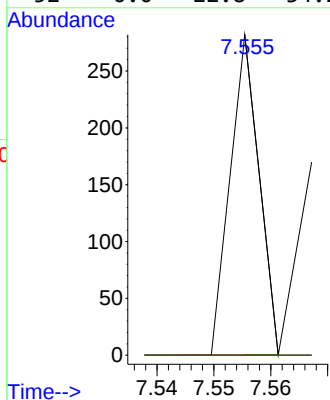
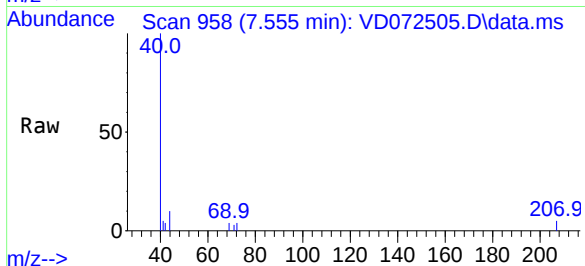




#41
Methacrylonitrile
Concen: 1.710 ug/l
RT: 7.555 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

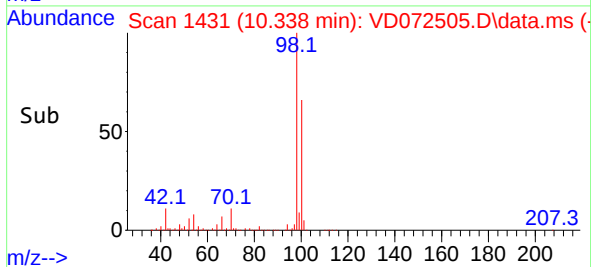
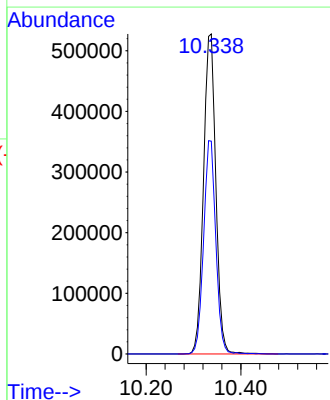
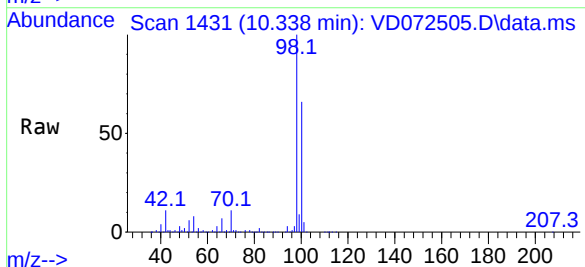
Instrument :
MSVOA_D
ClientSampleId :
SB-9

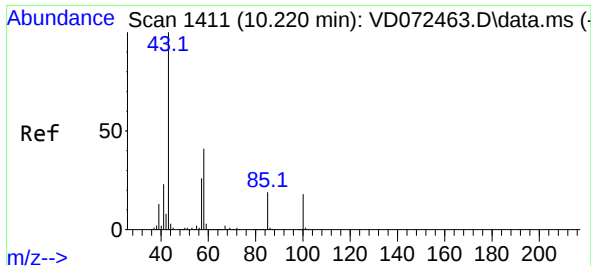
Tgt Ion:	41	Resp:	99
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#50
Toluene-d8
Concen: 45.549 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

Tgt Ion:	98	Resp:	951315
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

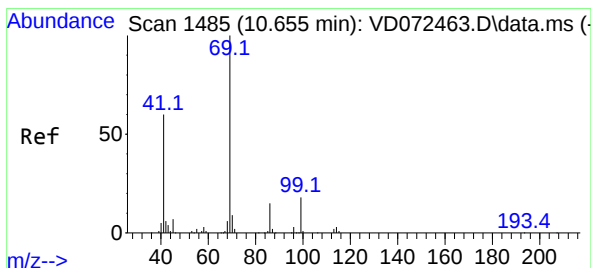
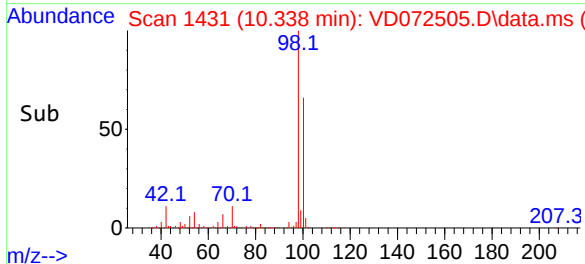
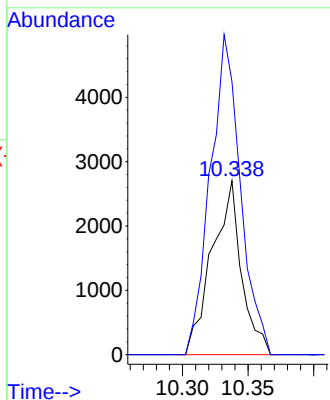
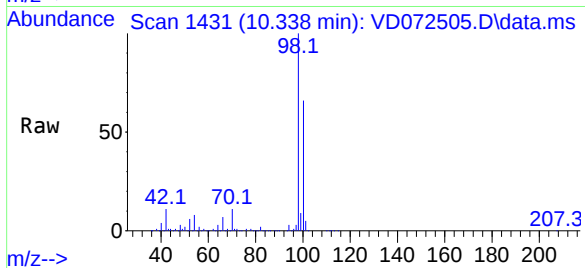




#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. 0.118 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

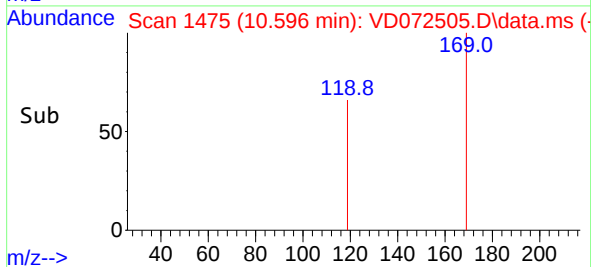
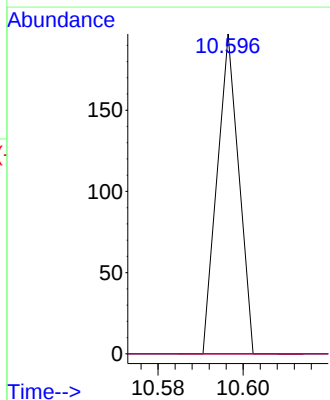
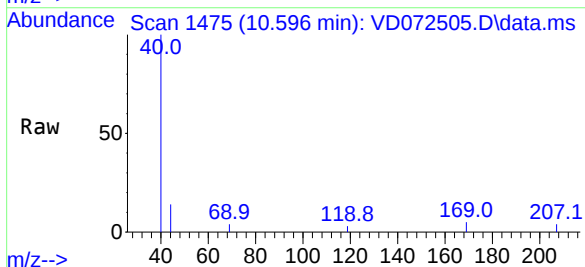
Instrument : MSVOA_D
ClientSampleId : SB-9

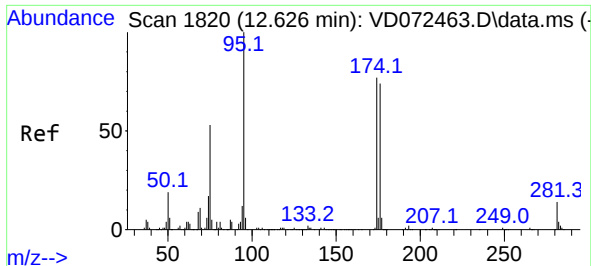
Tgt Ion: 43 Resp: 4209
Ion Ratio Lower Upper
43 100
58 189.5 28.6 43.0#



#56
Ethyl methacrylate
Concen: 1.203 ug/l
RT: 10.596 min Scan# 1475
Delta R.T. -0.059 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

Tgt Ion: 69 Resp: 70
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#

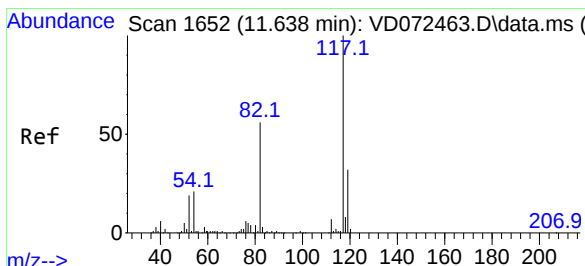
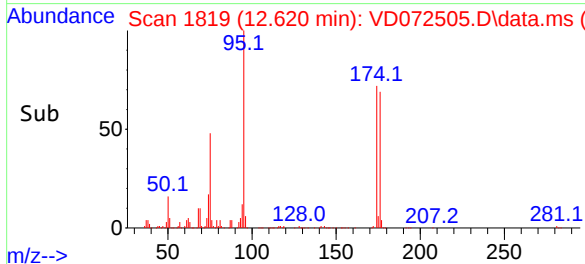
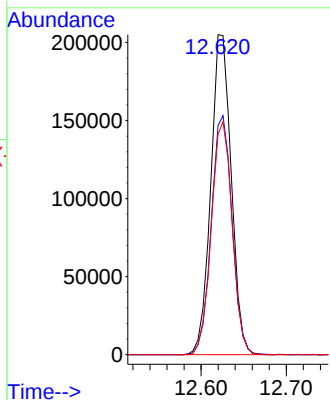
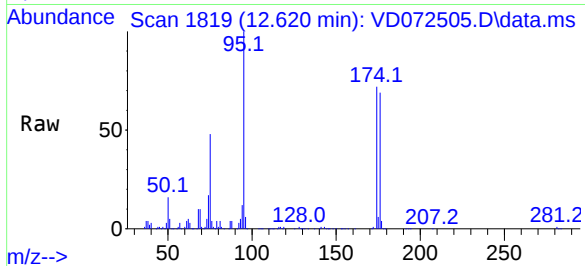




#62
4-Bromofluorobenzene
Concen: 41.825 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

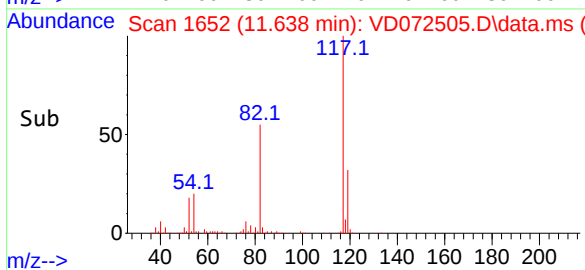
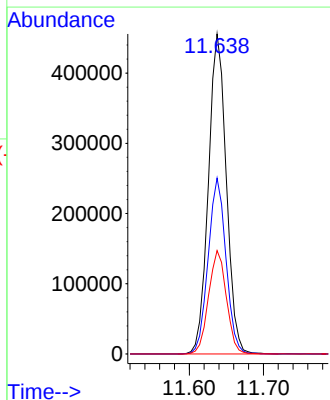
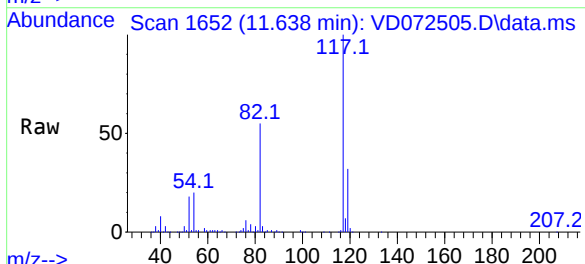
Instrument :
MSVOA_D
ClientSampleId :
SB-9

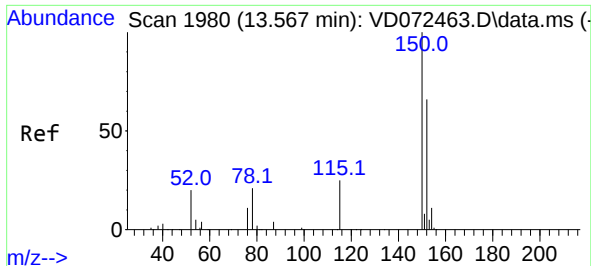
Tgt Ion: 95 Resp: 341151
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

Tgt Ion: 117 Resp: 765336
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.3 26.6 40.0

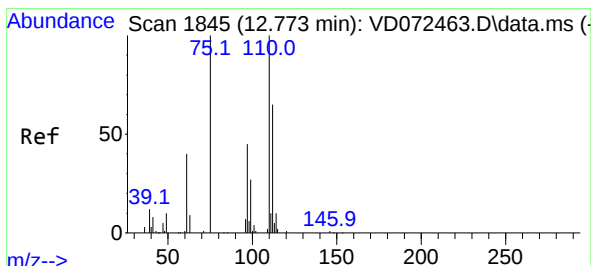
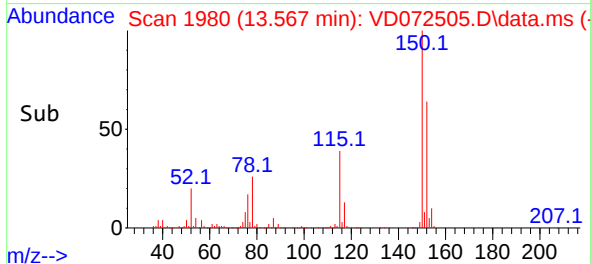
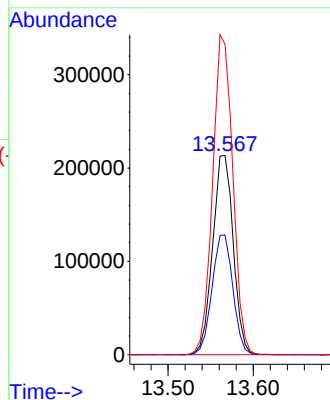
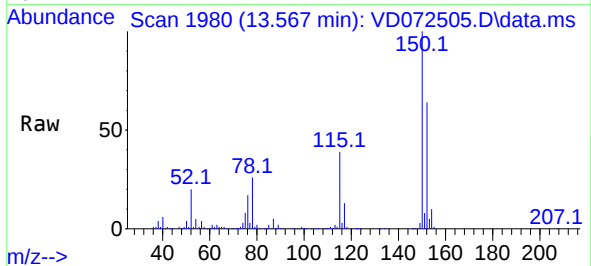




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

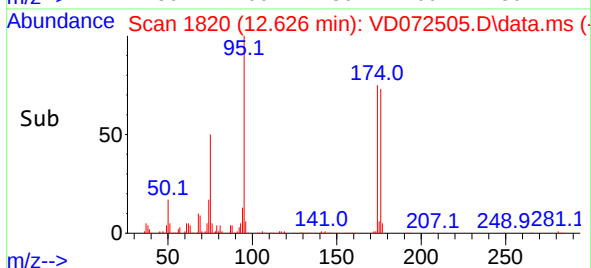
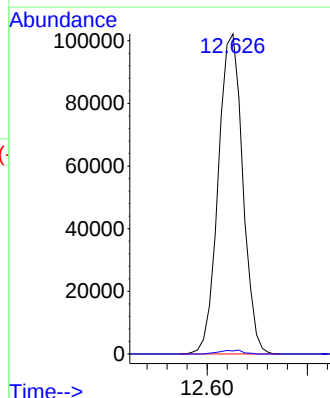
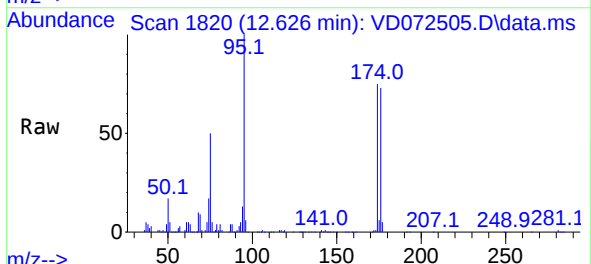
Instrument :
MSVOA_D
ClientSampleId :
SB-9

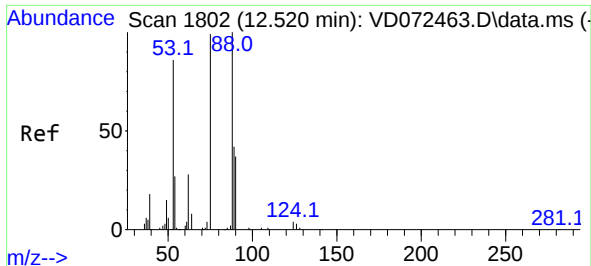
Tgt Ion:152 Resp: 358075
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.331 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

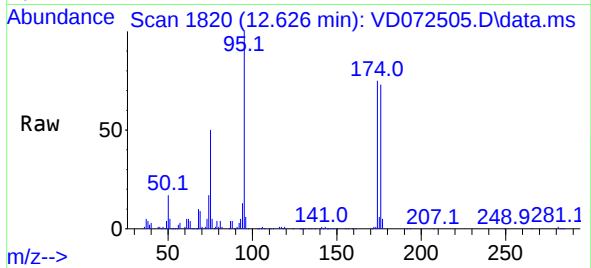
Tgt Ion: 75 Resp: 173129
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.779 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072505.D
Acq: 01 Apr 2022 16:22

Instrument :
MSVOA_D
ClientSampleId :
SB-9



Tgt Ion: 75 Resp: 173129
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

