

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072500.D
 Acq On : 01 Apr 2022 14:00
 Operator : VA/SY
 Sample : N2217-03
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2

Quant Time: Apr 02 02:37:23 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)

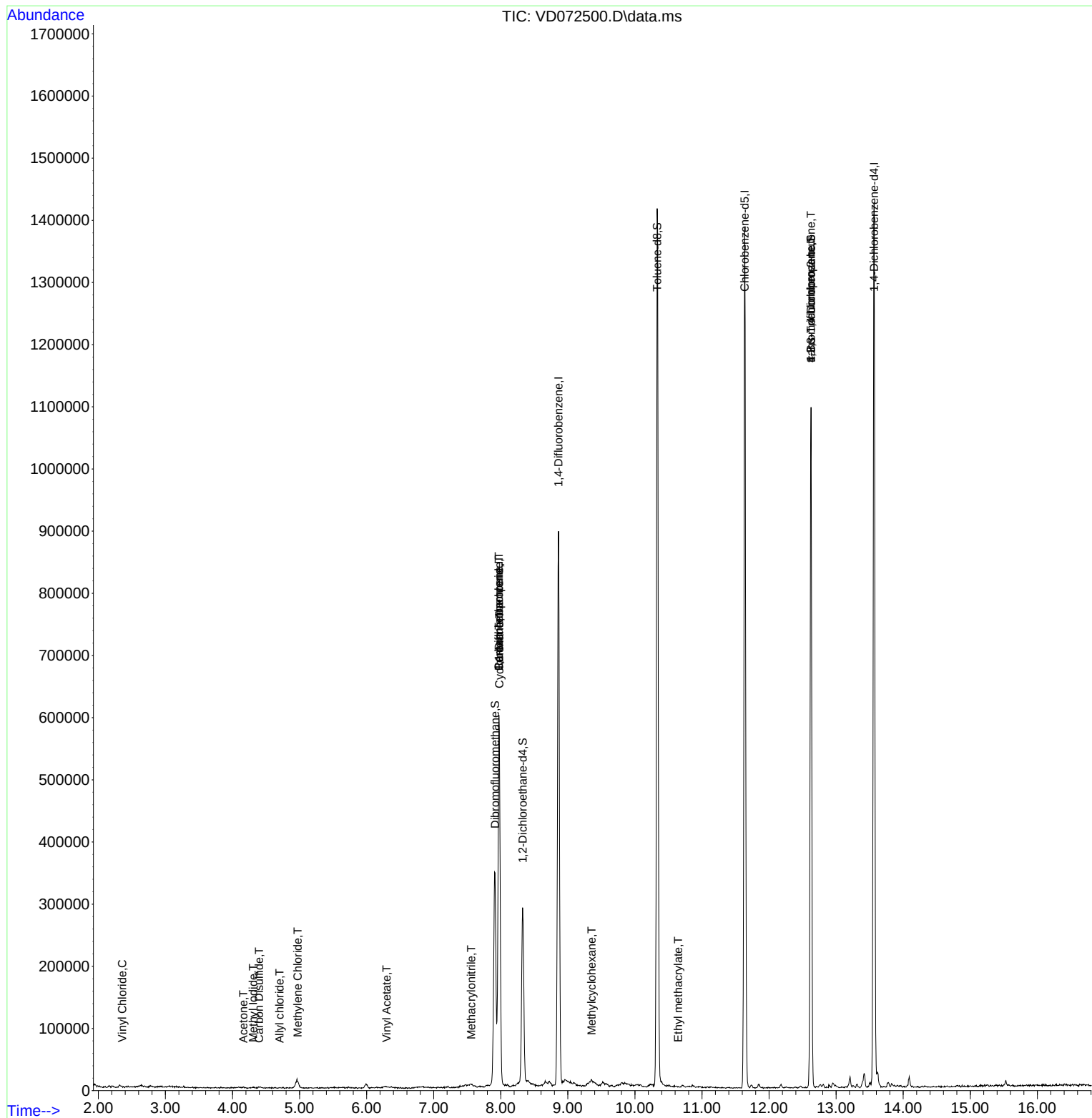
Internal Standards						
1) Pentafluorobenzene	7.973	168	426869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	804192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221625	42.919	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.840%		
35) Dibromofluoromethane	7.914	113	248800	41.642	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.280%		
50) Toluene-d8	10.332	98	959283	46.189	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.380%		
62) 4-Bromofluorobenzene	12.626	95	367904	45.358	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.720%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.356	62	417	1.064	ug/l #	72
10) Methyl Iodide	4.309	142	1569	4.049	ug/l #	81
14) Allyl chloride	4.703	41	248	1.163	ug/l #	68
16) Acetone	4.162	43	1911	1.985	ug/l #	61
17) Carbon Disulfide	4.397	76	1184	3.758	ug/l #	74
20) Methylene Chloride	4.973	84	10938	1.908	ug/l #	68
23) Vinyl Acetate	6.297	43	639	6.364	ug/l #	75
31) Cyclohexane	7.979	56	10002	1.481	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	35536	5.674	ug/l #	52
38) Carbon Tetrachloride	7.973	117	45912	5.578	ug/l #	18
39) Methylcyclohexane	9.355	83	1625	3.049	ug/l #	57
41) Methacrylonitrile	7.561	41	211	1.768	ug/l #	27
56) Ethyl methacrylate	10.644	69	571	1.289	ug/l #	25
76) 1,2,3-Trichloropropane	12.626	75	187936	44.416	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	187936	108.990	ug/l #	7

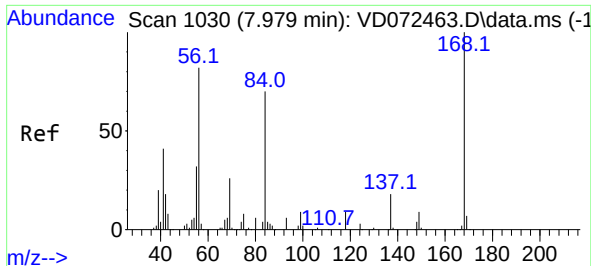
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

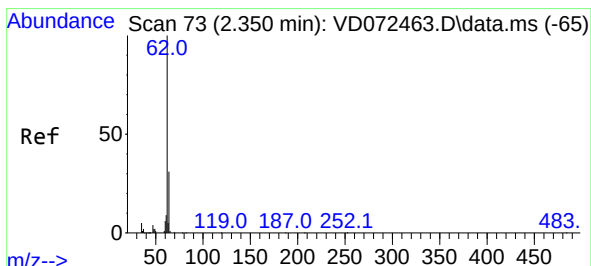
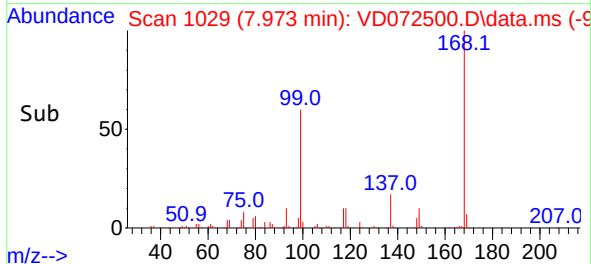
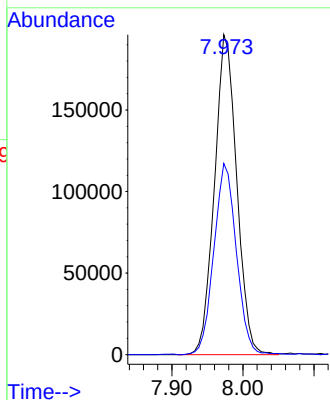
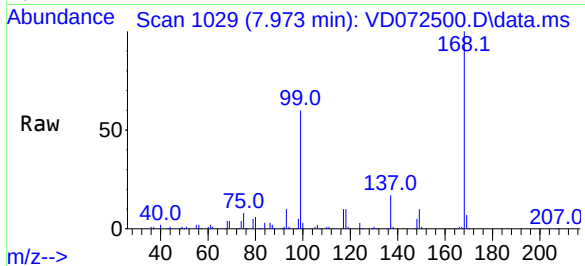




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

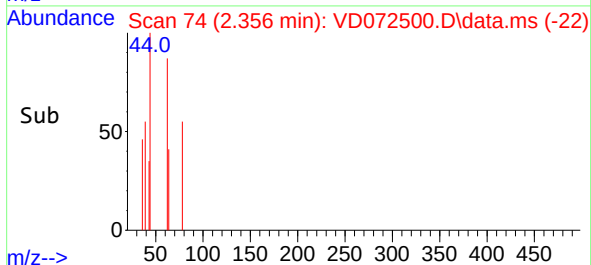
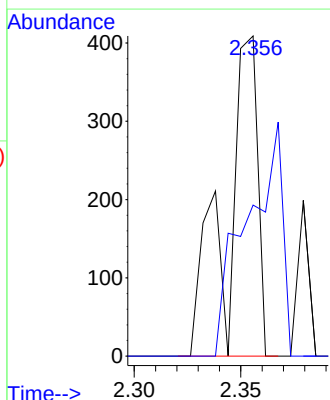
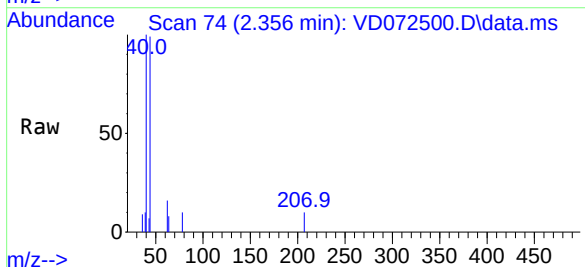
Instrument :
MSVOA_D
ClientSampleId :
SB-2

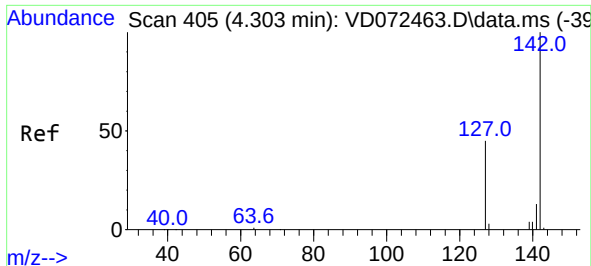
Tgt Ion:168 Resp: 426869
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#4
Vinyl Chloride
Concen: 1.064 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 62 Resp: 417
Ion Ratio Lower Upper
62 100
64 47.2 25.4 38.0#

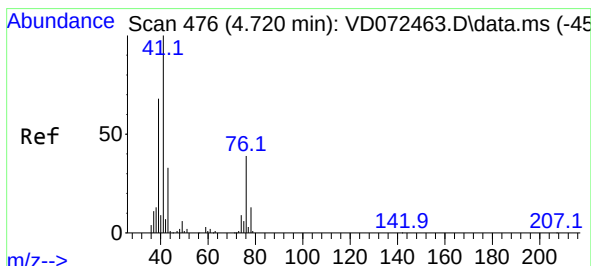
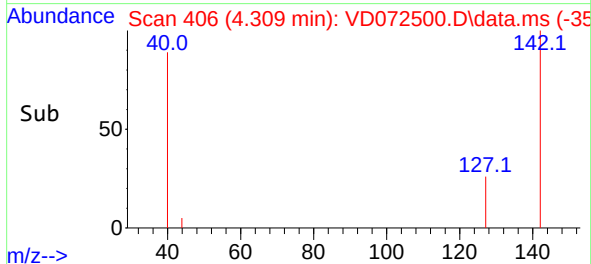
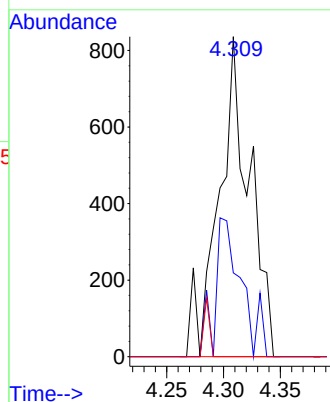
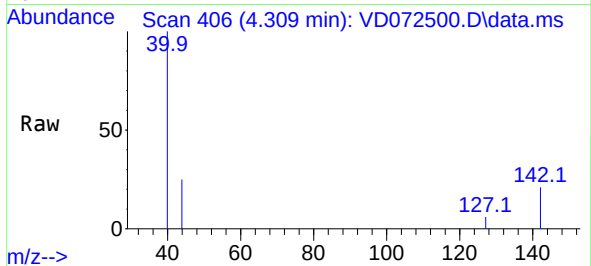




#10
Methyl Iodide
Concen: 4.049 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

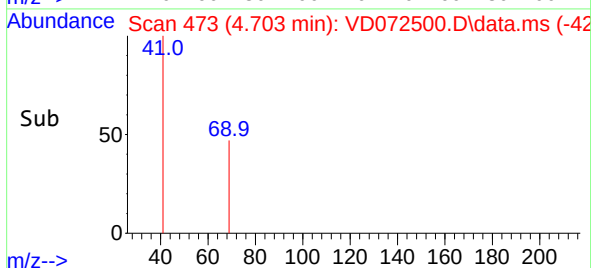
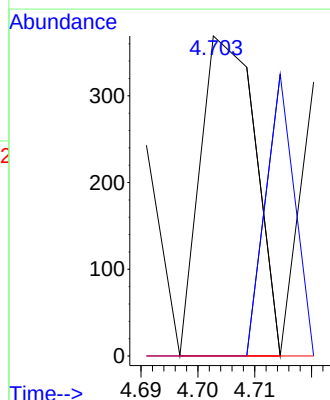
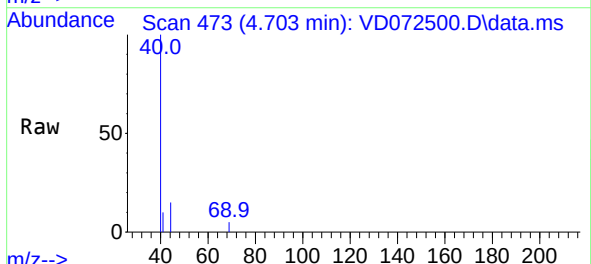
Instrument :
MSVOA_D
ClientSampleId :
SB-2

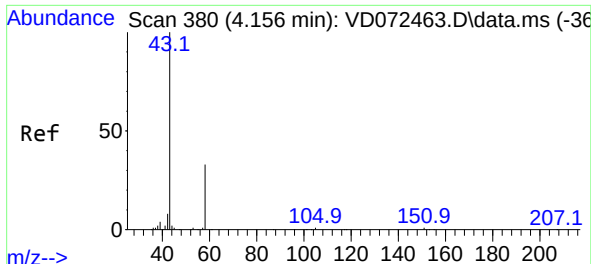
Tgt Ion:142 Resp: 1569
Ion Ratio Lower Upper
142 100
127 37.4 37.3 55.9
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 1.163 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.017 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 41 Resp: 248
Ion Ratio Lower Upper
41 100
39 91.9 59.3 88.9#
76 0.0 25.7 38.5#

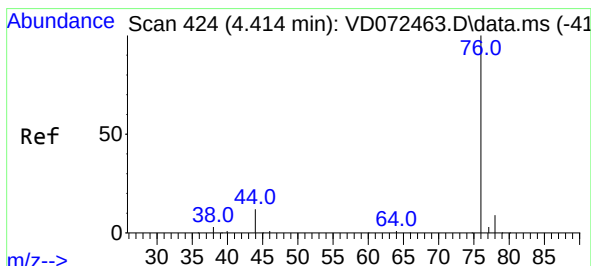
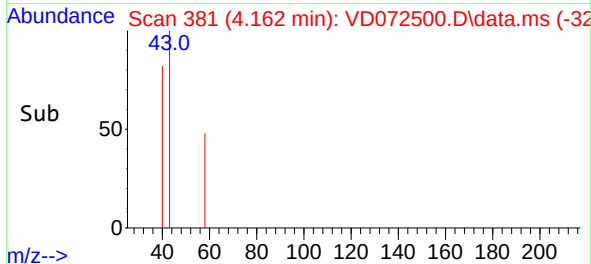
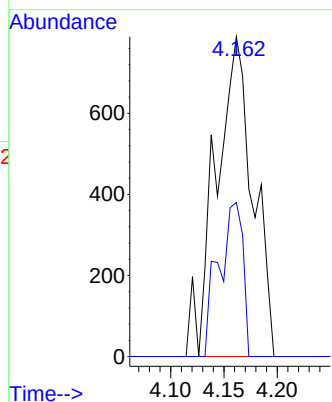
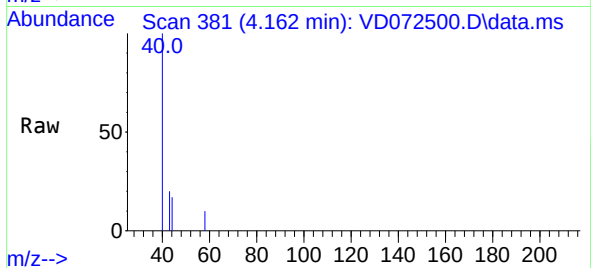




#16
Acetone
Concen: 1.985 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

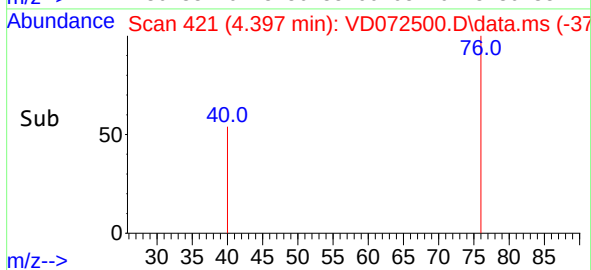
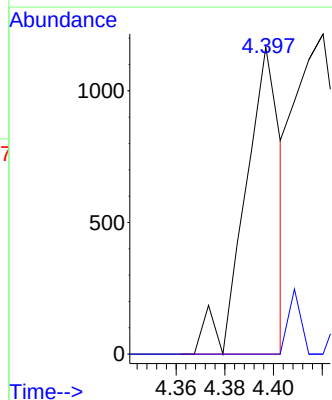
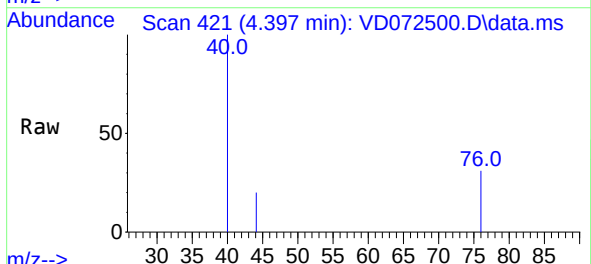
Instrument :
MSVOA_D
ClientSampleId :
SB-2

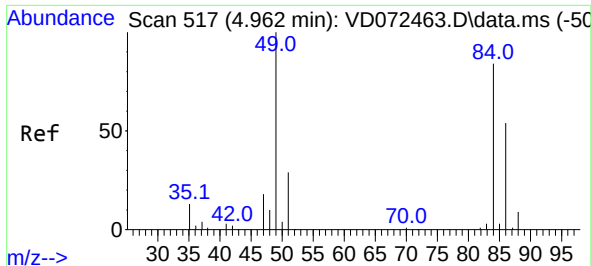
Tgt Ion: 43 Resp: 1911
Ion Ratio Lower Upper
43 100
58 48.2 22.1 33.1#



#17
Carbon Disulfide
Concen: 3.758 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.017 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 76 Resp: 1184
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



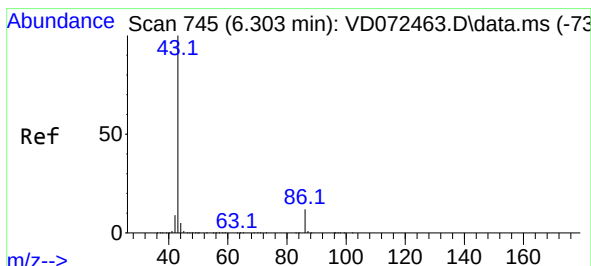
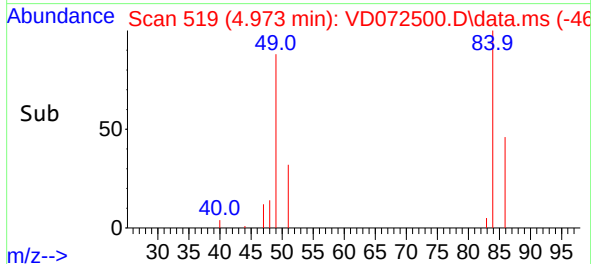
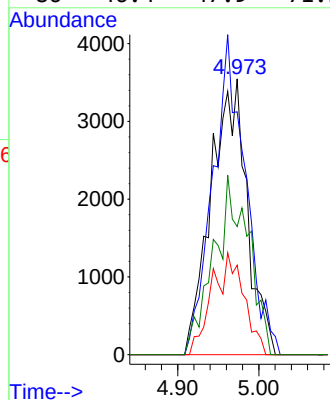
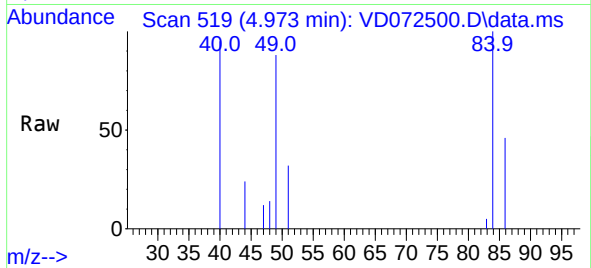


#20
Methylene Chloride
Concen: 1.908 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.012 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion: 84 Resp: 10938

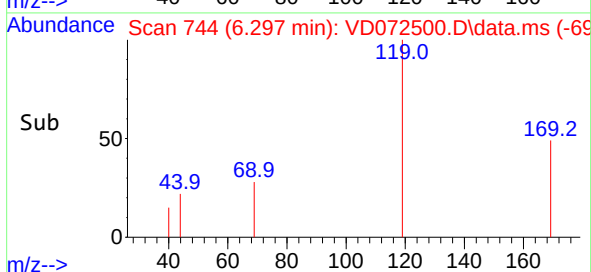
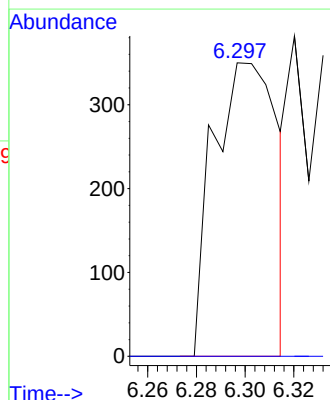
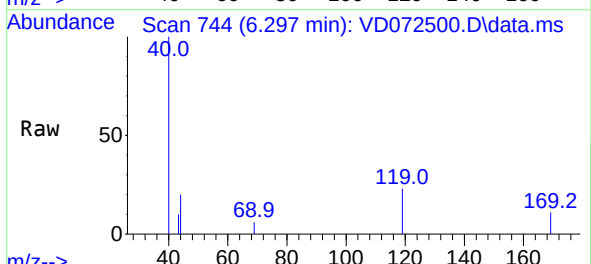
Ion	Ratio	Lower	Upper
84	100		
49	88.0	112.8	169.2#
51	32.4	32.6	48.8#
86	46.4	47.9	71.9#

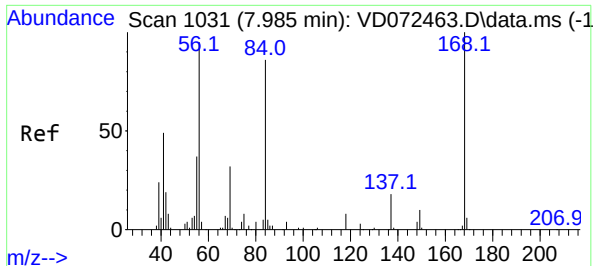


#23
Vinyl Acetate
Concen: 6.364 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 43 Resp: 639

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#31

Cyclohexane

Concen: 1.481 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072500.D

Acq: 01 Apr 2022 14:00

Instrument :

MSVOA_D

ClientSampleId :

SB-2

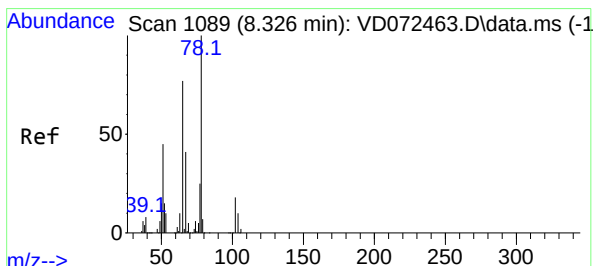
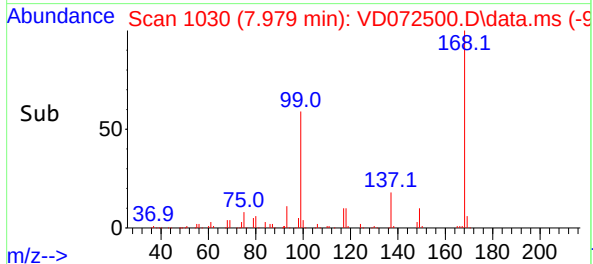
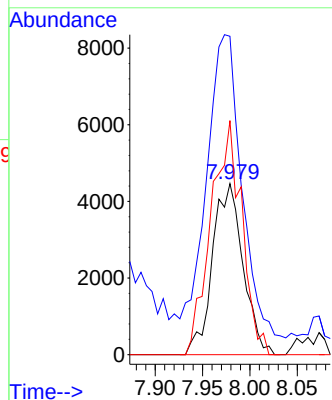
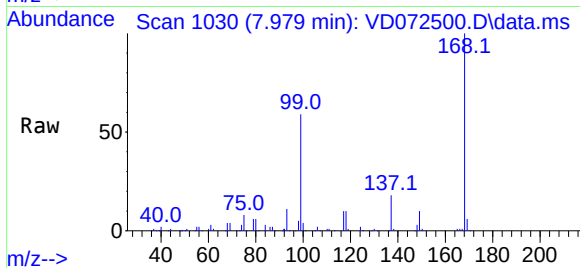
Tgt Ion: 56 Resp: 10002

Ion Ratio Lower Upper

56 100

69 175.1 25.4 38.2#

84 136.8 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 42.919 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072500.D

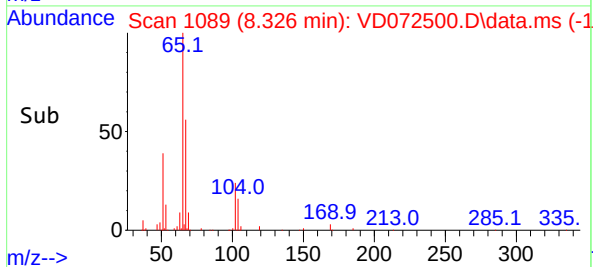
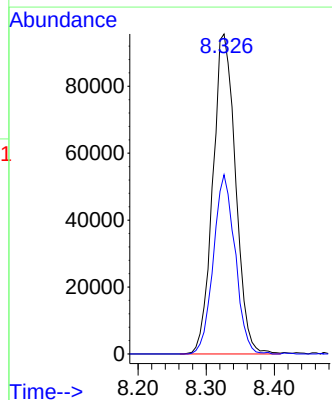
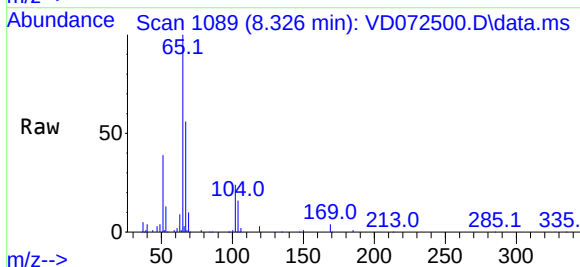
Acq: 01 Apr 2022 14:00

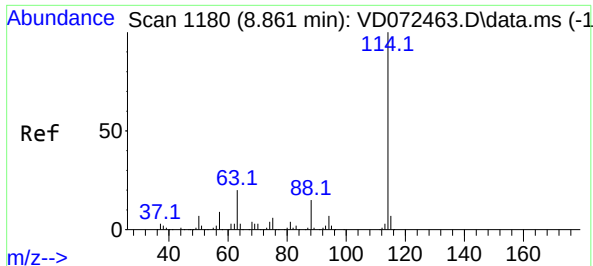
Tgt Ion: 65 Resp: 221625

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



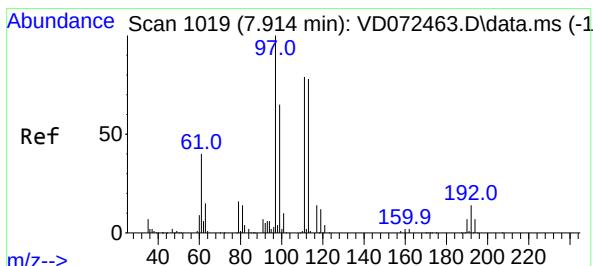
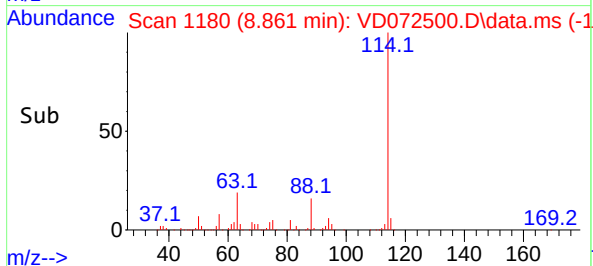
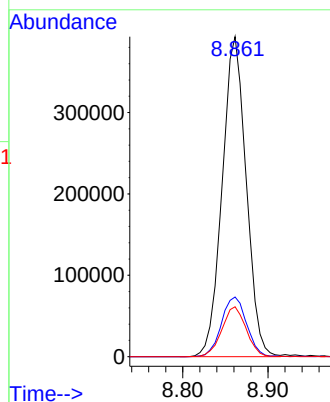
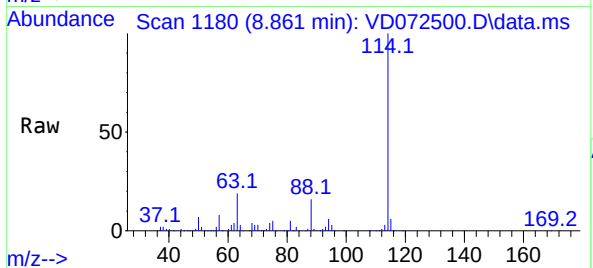


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:114 Resp: 768812

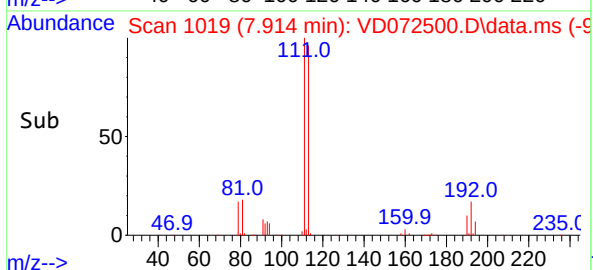
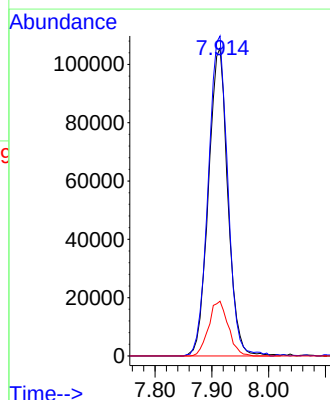
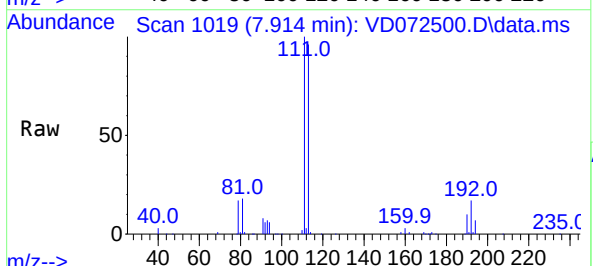
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	46.6
88	15.6	0.0	33.2

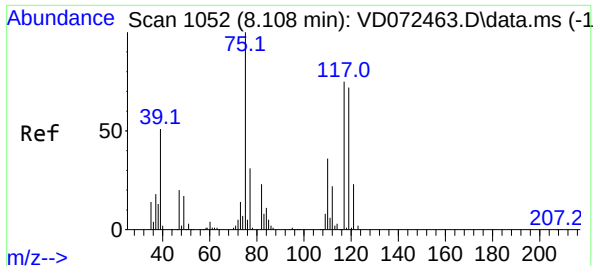


#35
Dibromofluoromethane
Concen: 41.642 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion:113 Resp: 248800

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.8	125.6
192	18.0	14.6	21.8





#36

1,1-Dichloropropene

Concen: 5.674 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072500.D

Acq: 01 Apr 2022 14:00

Instrument :

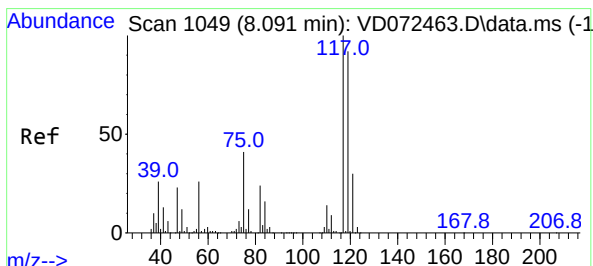
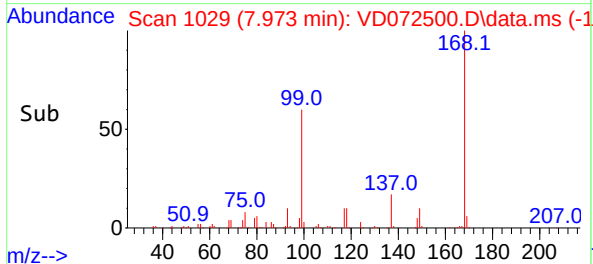
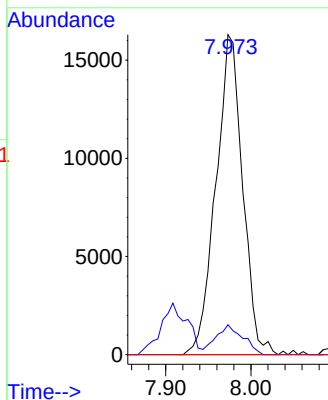
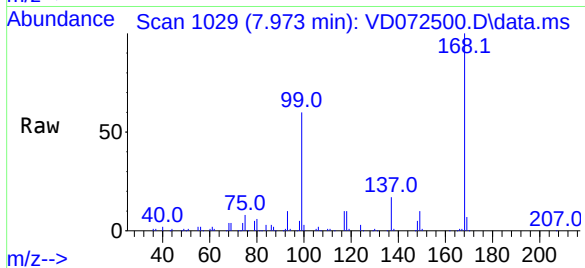
MSVOA_D

ClientSampleId :

SB-2

Tgt Ion: 75 Resp: 35536

Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.578 ug/l

RT: 7.973 min Scan# 1029

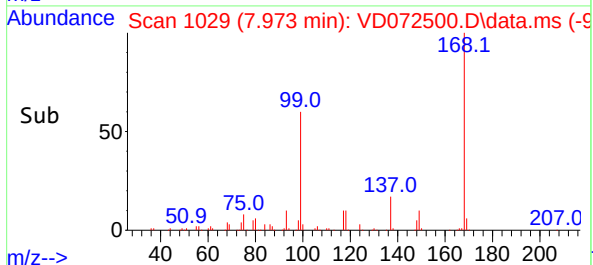
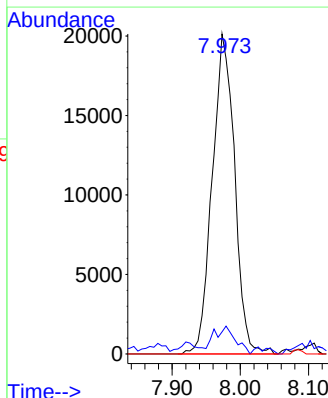
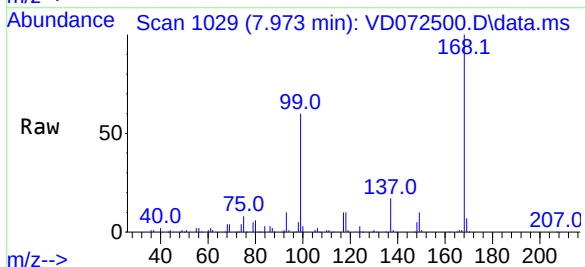
Delta R.T. -0.118 min

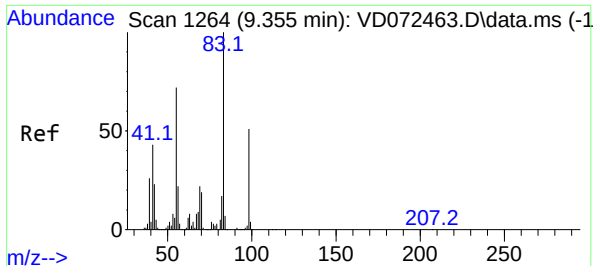
Lab File: VD072500.D

Acq: 01 Apr 2022 14:00

Tgt Ion: 117 Resp: 45912

Ion	Ratio	Lower	Upper
117	100		
119	6.9	75.8	113.6#
121	0.0	24.5	36.7#

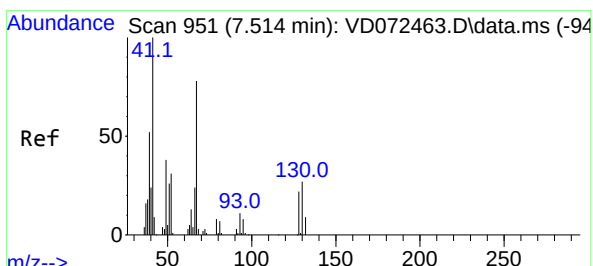
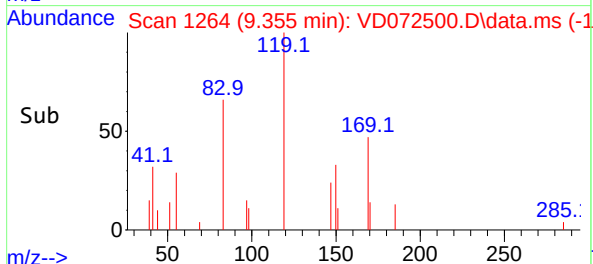
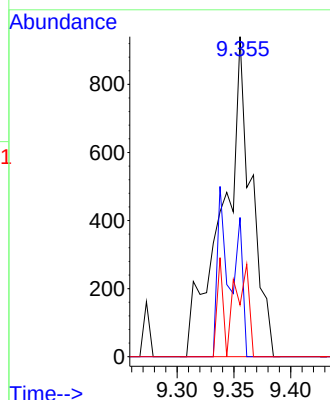
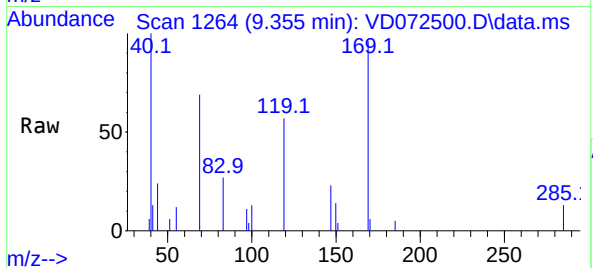




#39
Methylcyclohexane
Concen: 3.049 ug/l
RT: 9.355 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

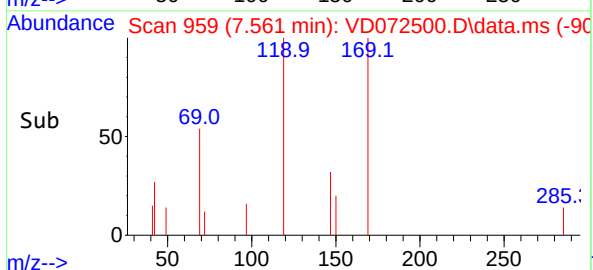
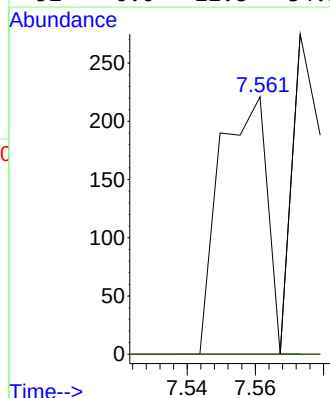
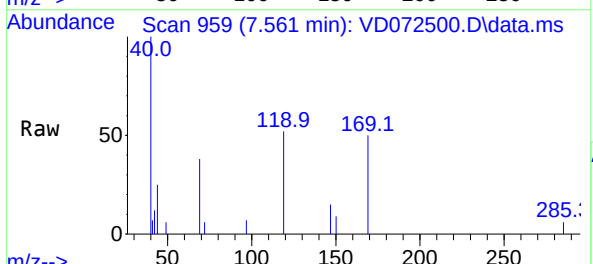
Instrument :
MSVOA_D
ClientSampleId :
SB-2

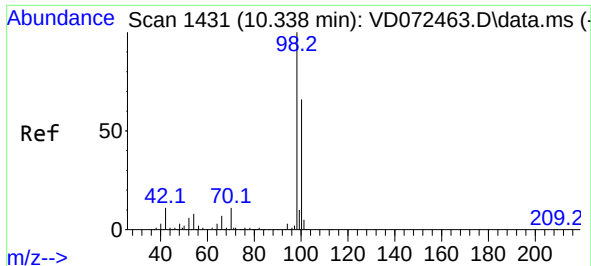
Tgt Ion: 83 Resp: 1625
Ion Ratio Lower Upper
83 100
55 43.5 63.2 94.8#
98 16.2 38.2 57.4#



#41
Methacrylonitrile
Concen: 1.768 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.047 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 41 Resp: 211
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#

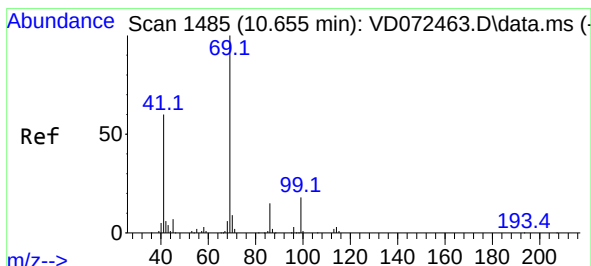
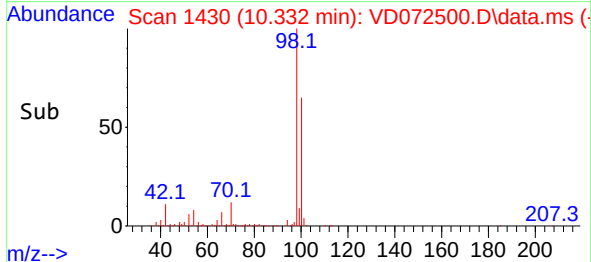
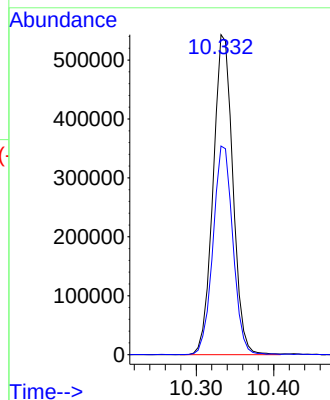
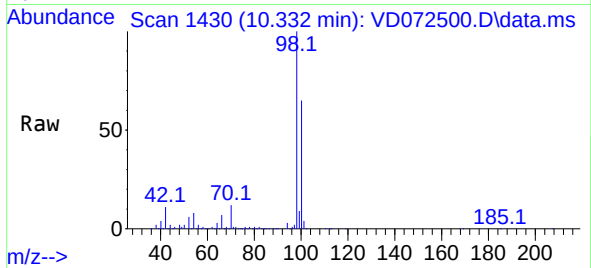




#50
Toluene-d8
Concen: 46.189 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

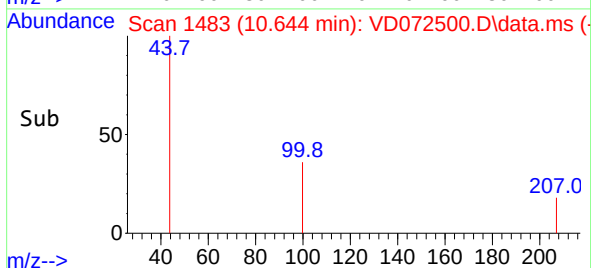
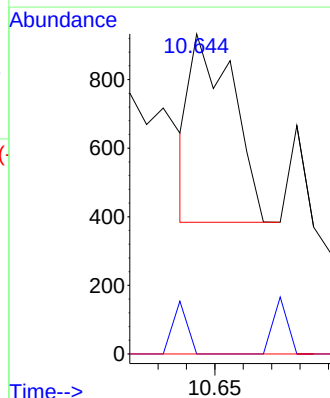
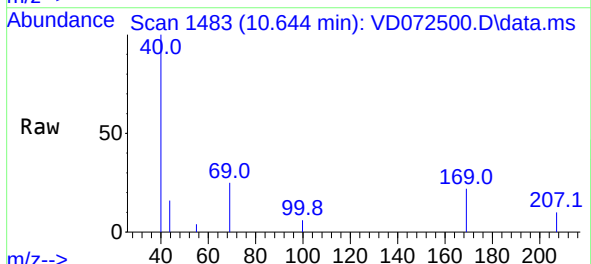
Instrument :
MSVOA_D
ClientSampleId :
SB-2

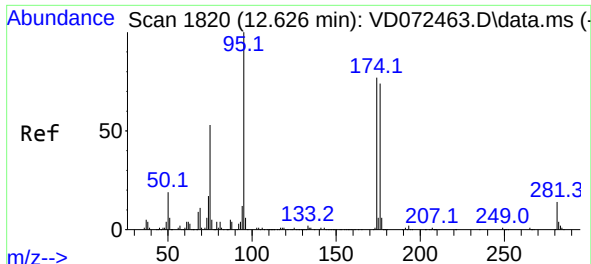
Tgt Ion: 98 Resp: 959283
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#56
Ethyl methacrylate
Concen: 1.289 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.011 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 69 Resp: 571
Ion Ratio Lower Upper
69 100
41 9.5 63.0 94.6#
39 0.0 33.8 50.8#



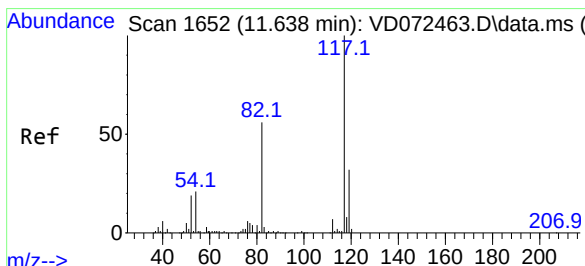
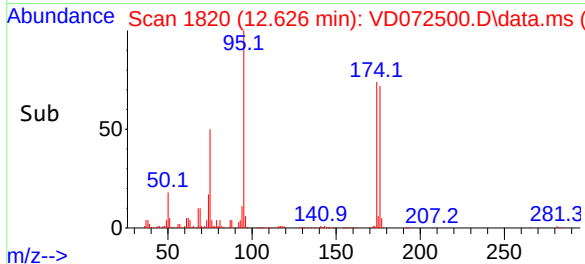
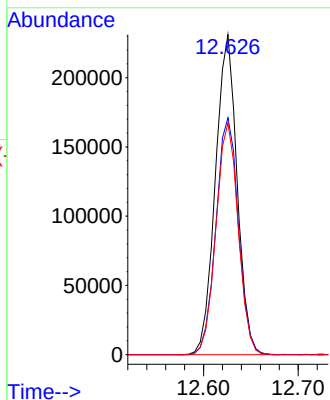
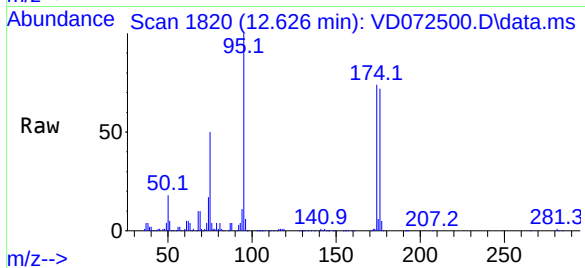


#62
4-Bromofluorobenzene
Concen: 45.358 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
SB-2

Tgt Ion: 95 Resp: 367904

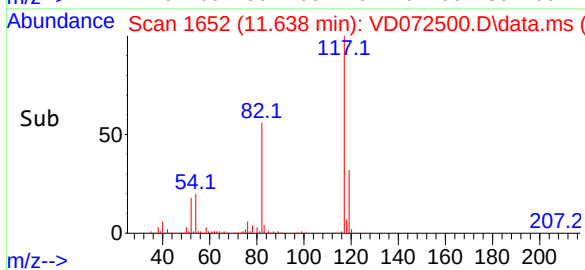
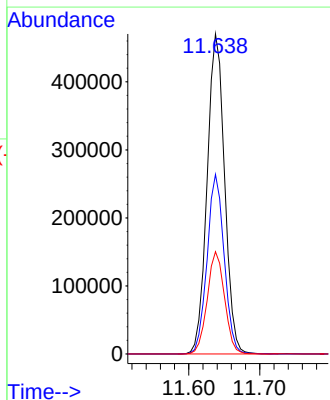
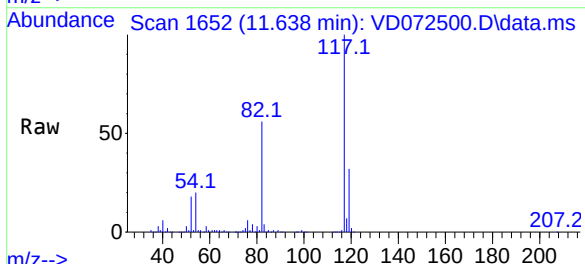
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	152.8
176	73.8	0.0	145.4

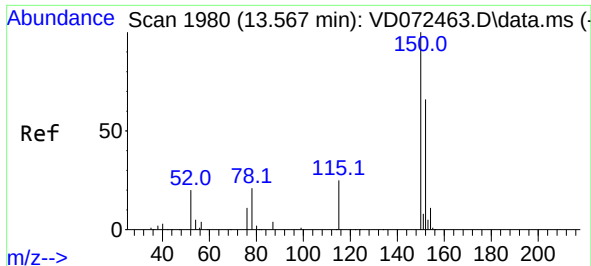


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

Tgt Ion: 117 Resp: 804192

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.3	67.9
119	32.0	26.6	40.0

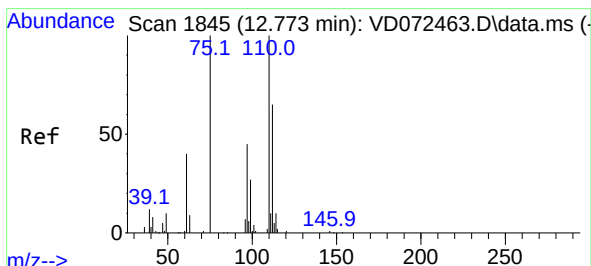
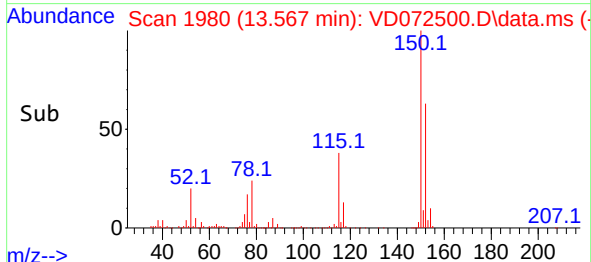
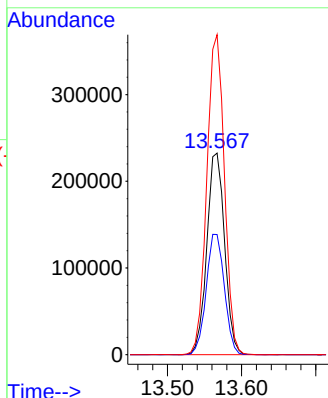
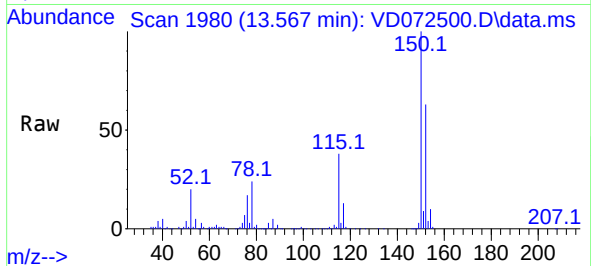




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

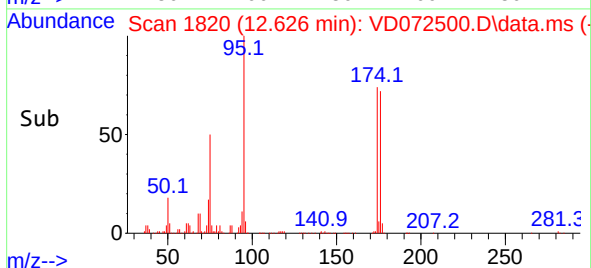
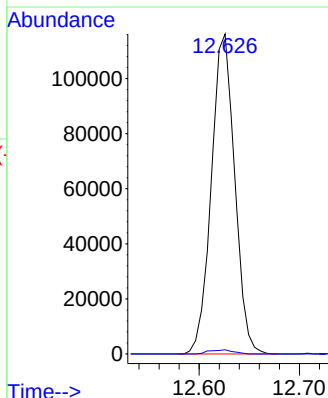
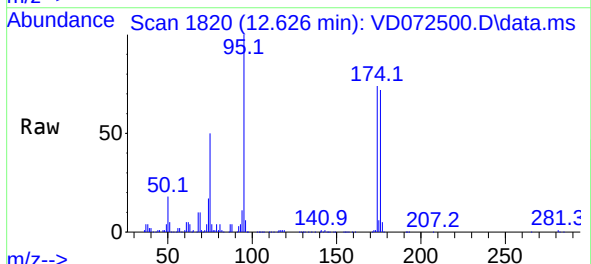
Instrument :
MSVOA_D
ClientSampleId :
SB-2

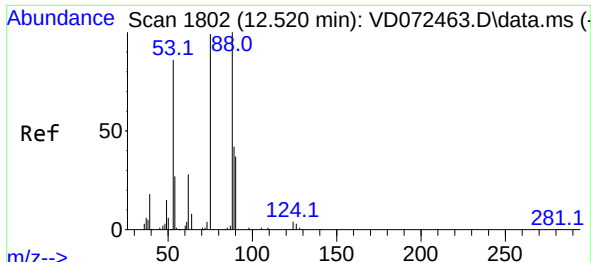
Tgt Ion:152 Resp: 387950
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 156.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.416 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072500.D
Acq: 01 Apr 2022 14:00

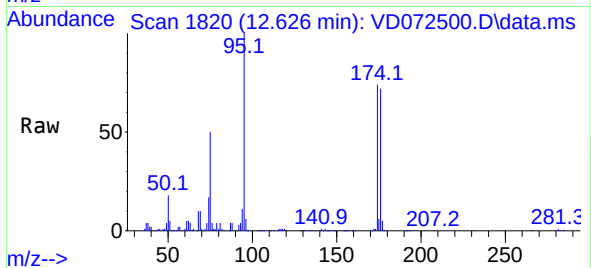
Tgt Ion: 75 Resp: 187936
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.990 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072500.D
 Acq: 01 Apr 2022 14:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2



Tgt Ion: 75 Resp: 187936
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.0 33.9 50.9#

