

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076343.D
 Acq On : 06 Jun 2023 16:32
 Operator : KP/SY
 Sample : OI3047-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32B

Quant Time: Jun 07 06:11:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

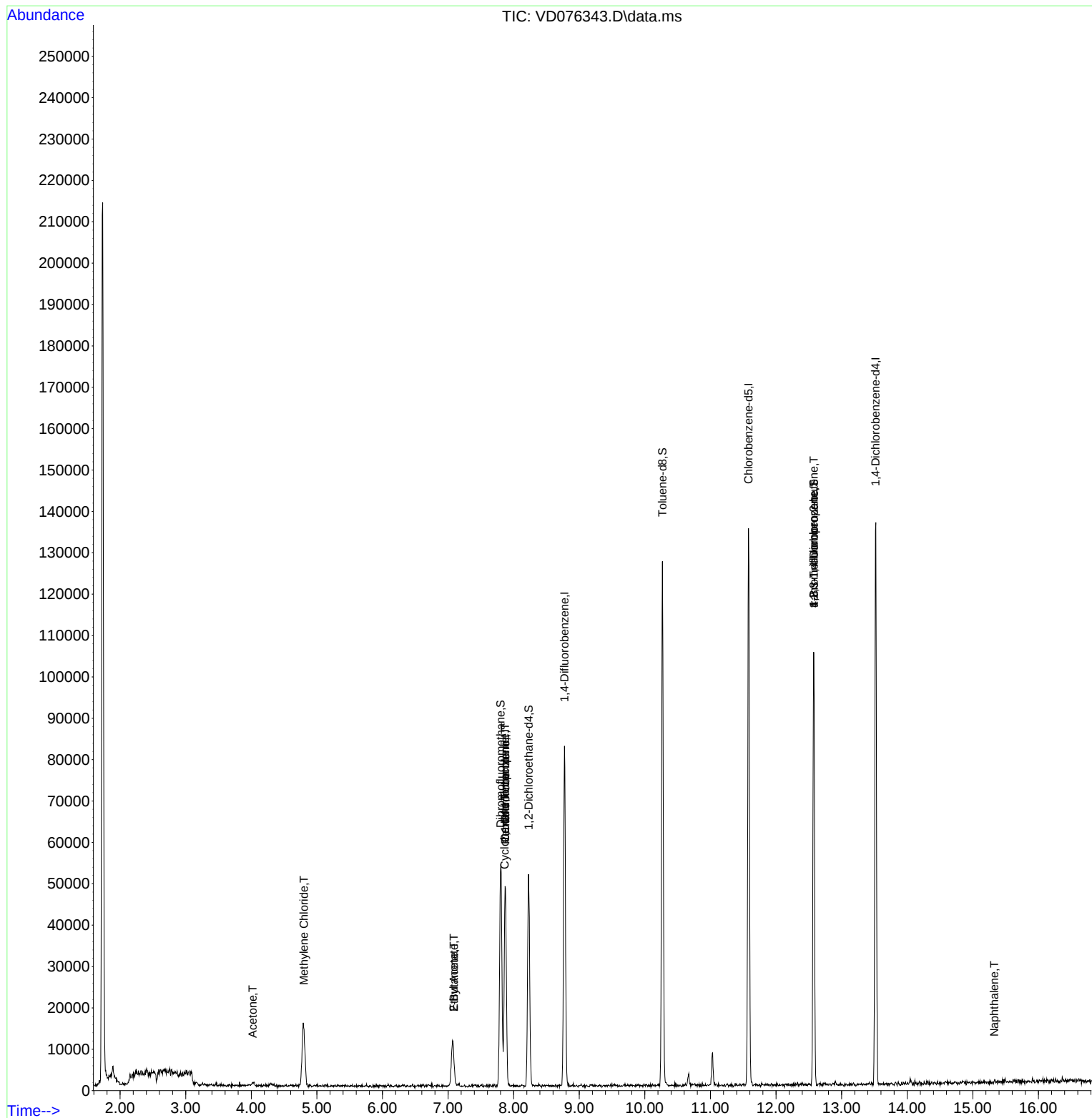
Internal Standards						
1) Pentafluorobenzene	7.875	168	43313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	80864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	87147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39602	102.045	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 204.100%#		
35) Dibromofluoromethane	7.799	113	40073	78.049	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 156.100%#		
50) Toluene-d8	10.269	98	94276	46.118	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 92.240%		
62) 4-Bromofluorobenzene	12.575	95	32008	59.166	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 118.340%		
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1601	22.523	ug/l #	73
20) Methylene Chloride	4.805	84	13016	19.089	ug/l	90
25) 2-Butanone	7.087	43	450	4.572	ug/l #	37
31) Cyclohexane	7.863	56	782	1.200	ug/l #	19
36) 1,1-Dichloropropene	7.869	75	2869	3.889	ug/l #	39
37) Ethyl Acetate	7.087	43	450	1.849	ug/l #	1
38) Carbon Tetrachloride	7.869	117	3731	5.770	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	15776	41.060	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	15776	98.340	ug/l #	17
95) Naphthalene	15.328	128	426	3.563	ug/l #	69

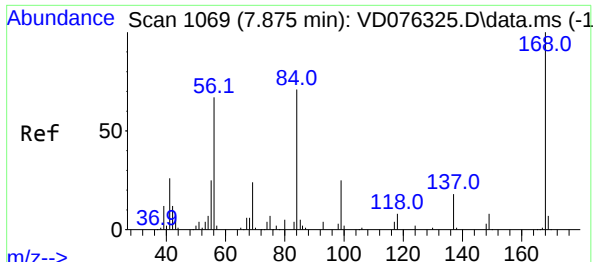
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

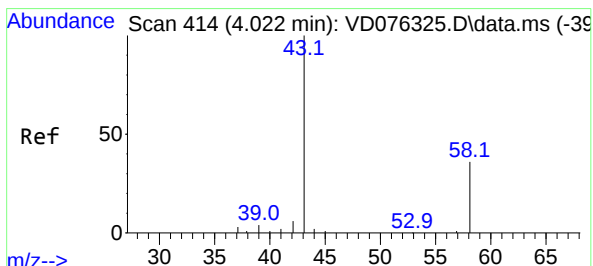
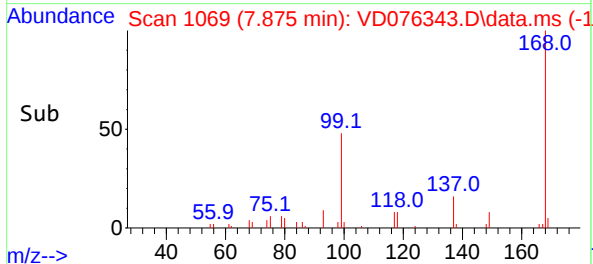
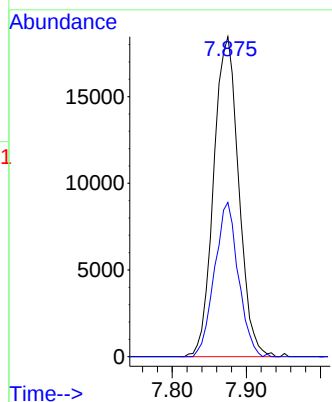
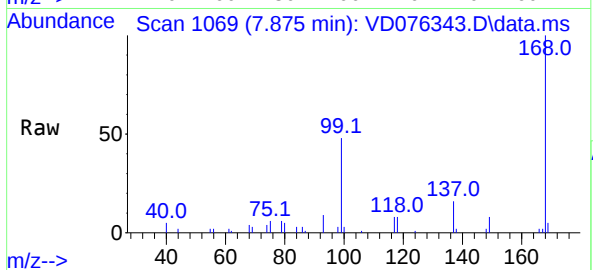




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

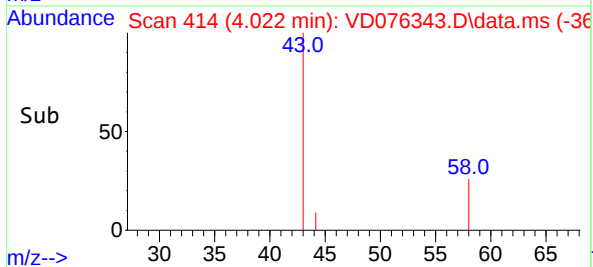
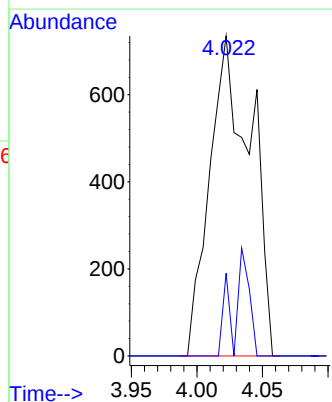
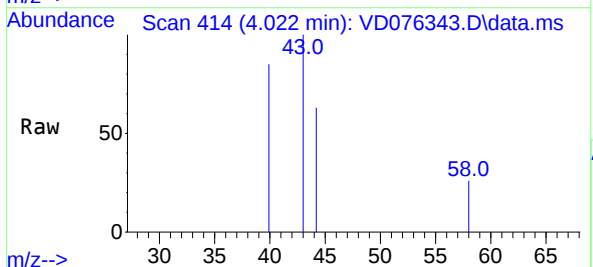
Instrument :
MSVOA_D
ClientSampleId :
SB32B

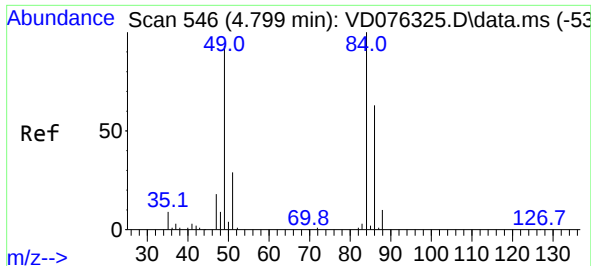
Tgt Ion:168 Resp: 43313
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#16
Acetone
Concen: 22.523 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 25.9 34.7 52.1#





#20

Methylene Chloride

Concen: 19.089 ug/l

RT: 4.805 min Scan# 54

Delta R.T. 0.006 min

Lab File: VD076343.D

Acq: 06 Jun 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB32B

Tgt Ion: 84 Resp: 13016

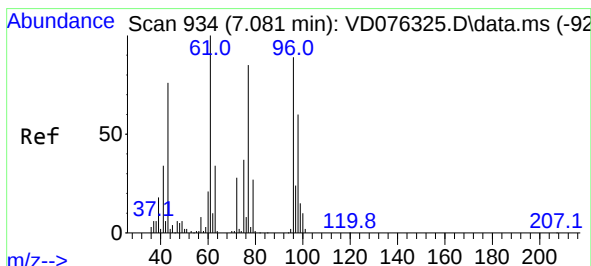
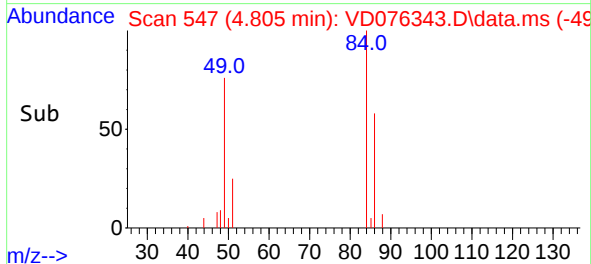
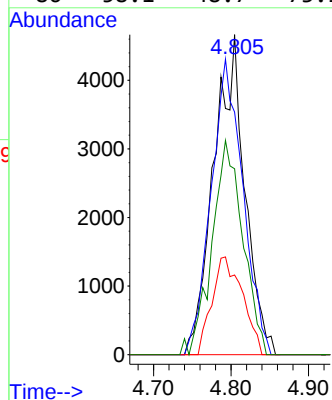
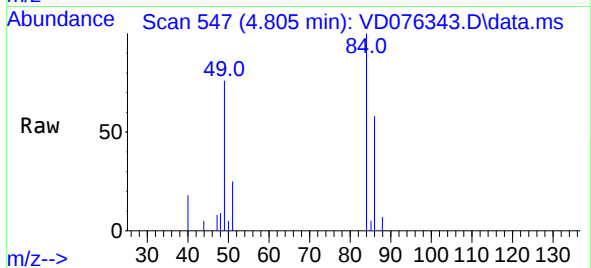
Ion Ratio Lower Upper

84 100

49 75.8 71.4 107.2

51 24.9 24.5 36.7

86 58.1 48.7 73.1



#25

2-Butanone

Concen: 4.572 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD076343.D

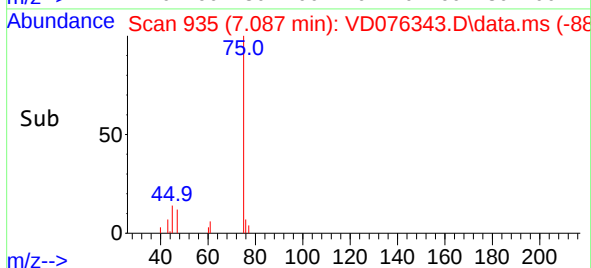
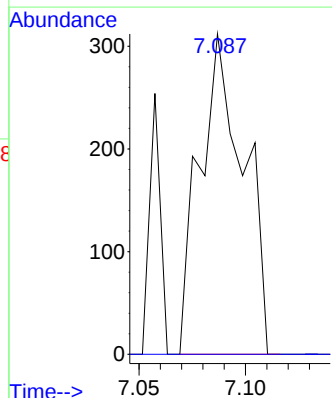
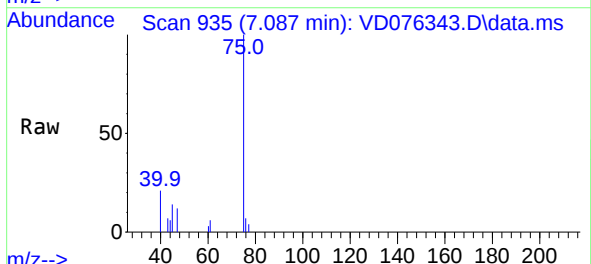
Acq: 06 Jun 2023 16:32

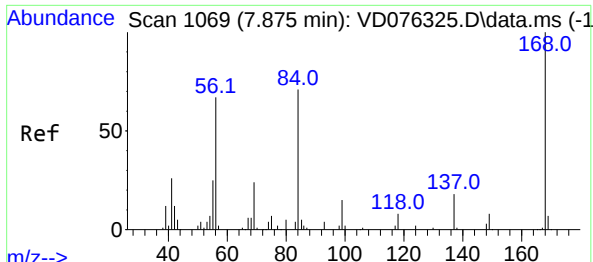
Tgt Ion: 43 Resp: 450

Ion Ratio Lower Upper

43 100

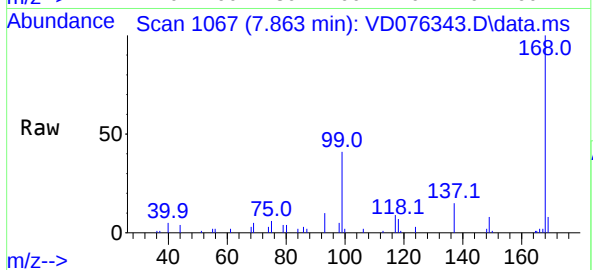
72 0.0 30.7 46.1#



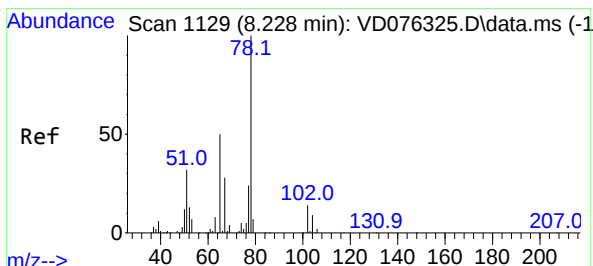
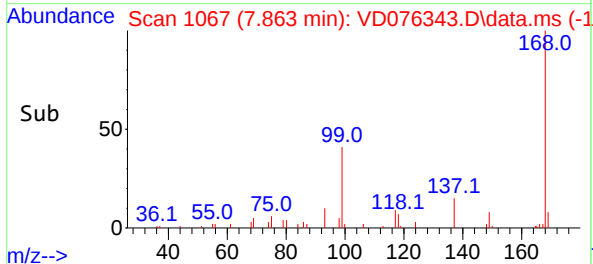
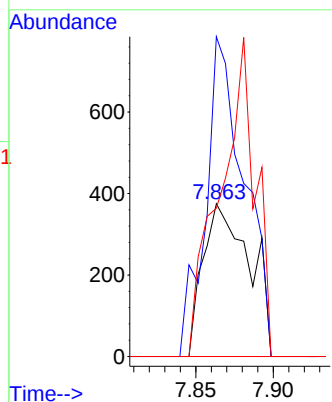


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32B

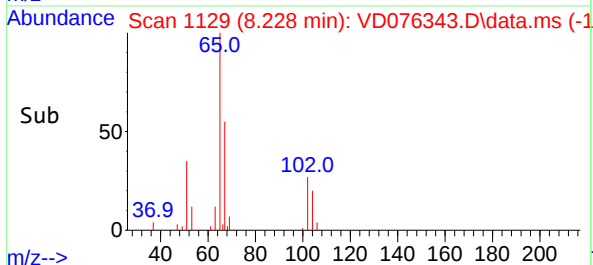
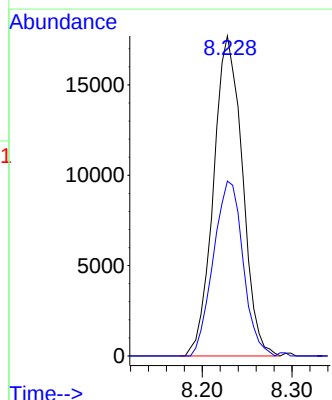
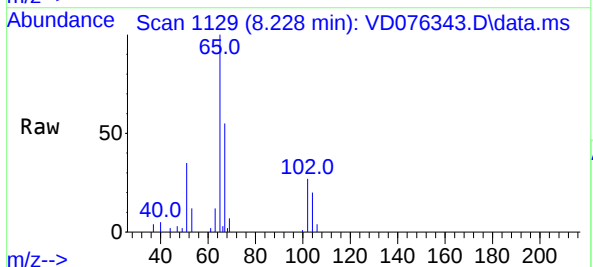


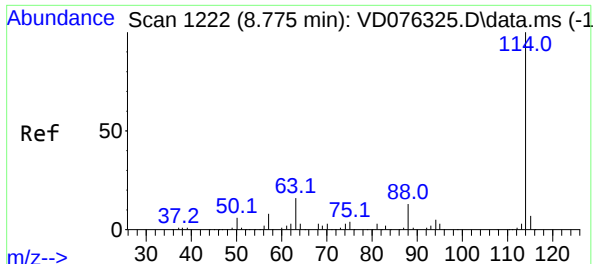
Tgt Ion: 56 Resp: 782
Ion Ratio Lower Upper
56 100
69 209.3 28.6 43.0#
84 97.1 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 102.045 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 65 Resp: 39602
Ion Ratio Lower Upper
65 100
67 56.1 0.0 115.0



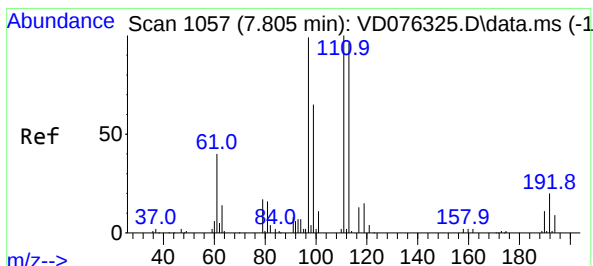
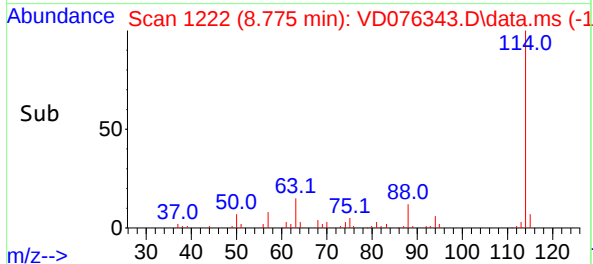
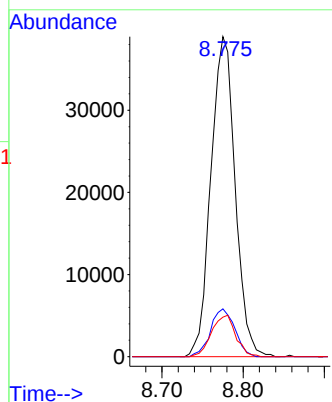
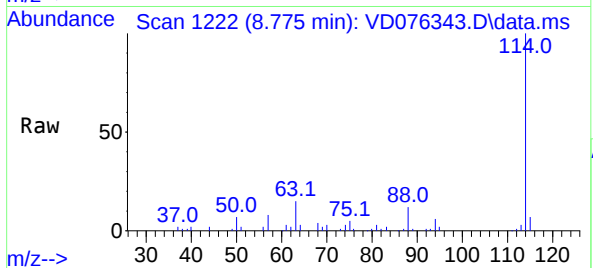


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32B

Tgt Ion:114 Resp: 80864

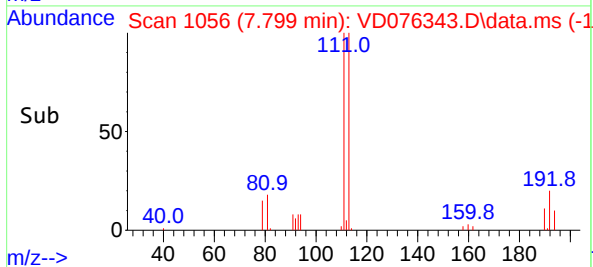
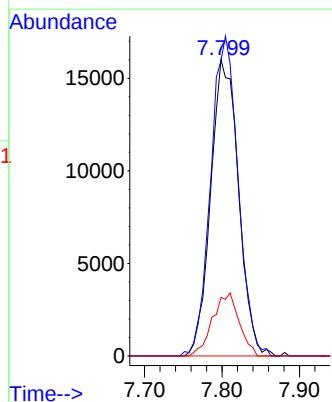
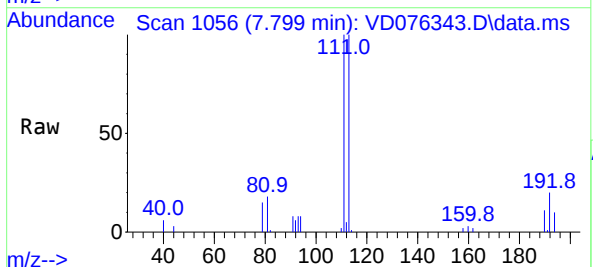
Ion	Ratio	Lower	Upper
114	100		
63	14.9	0.0	33.4
88	12.4	0.0	26.2

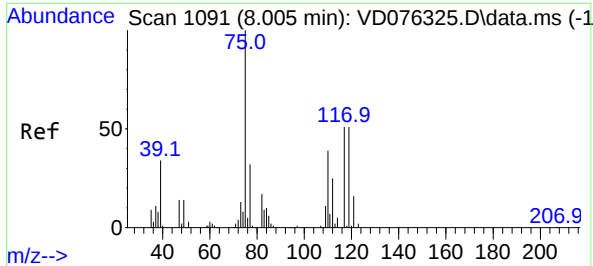


#35
Dibromofluoromethane
Concen: 78.049 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion:113 Resp: 40073

Ion	Ratio	Lower	Upper
113	100		
111	105.7	84.7	127.1
192	20.2	16.8	25.2





#36

1,1-Dichloropropene

Concen: 3.889 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

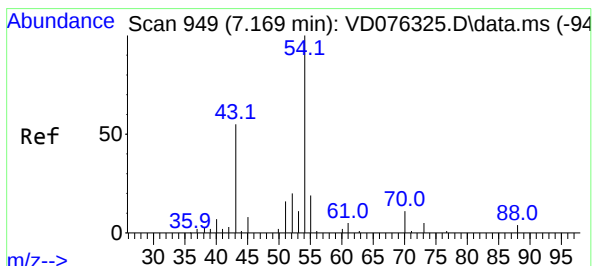
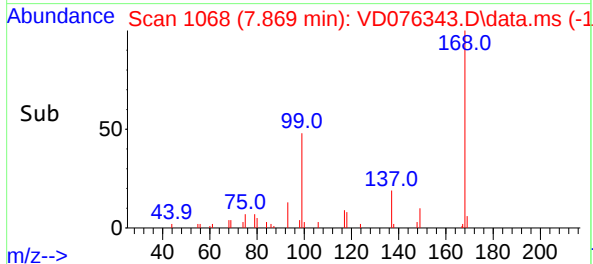
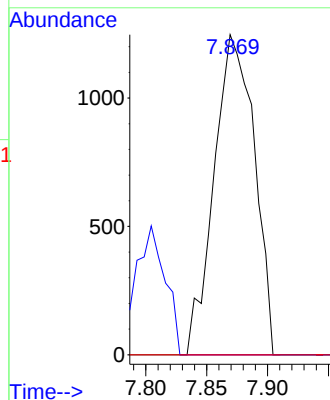
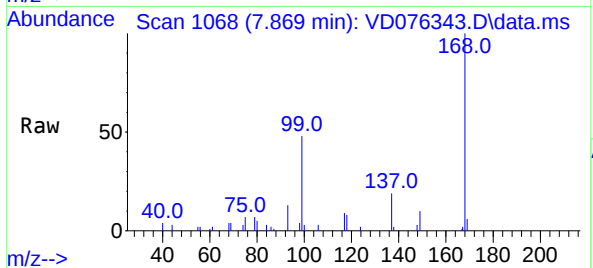
Lab File: VD076343.D

Acq: 06 Jun 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32B

Tgt Ion: 75 Resp: 2869

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.6#
77	0.0	24.7	37.1#



#37

Ethyl Acetate

Concen: 1.849 ug/l

RT: 7.087 min Scan# 935

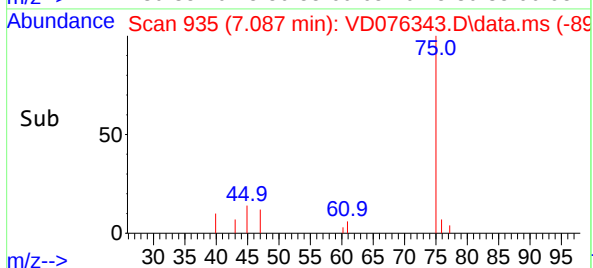
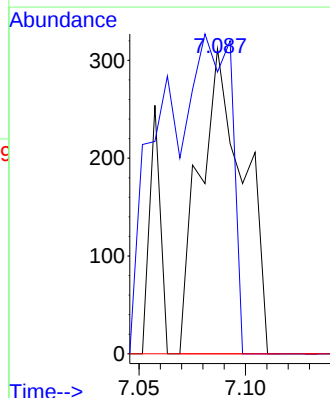
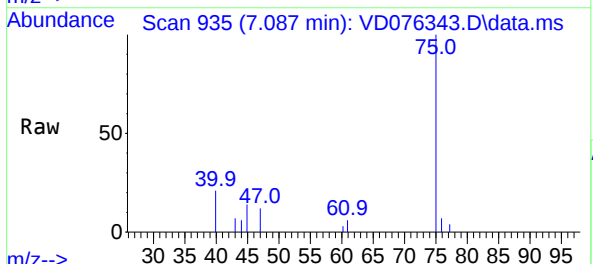
Delta R.T. -0.082 min

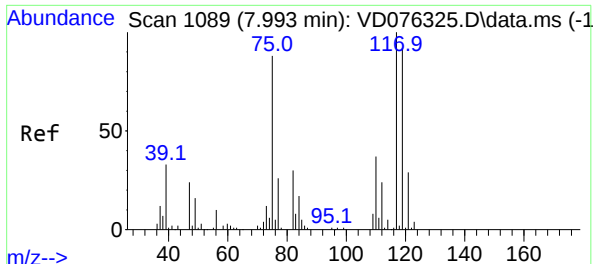
Lab File: VD076343.D

Acq: 06 Jun 2023 16:32

Tgt Ion: 43 Resp: 450

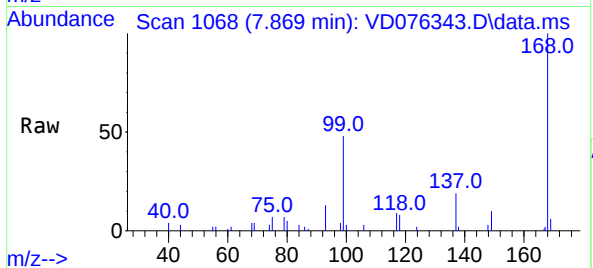
Ion	Ratio	Lower	Upper
43	100		
61	166.2	14.9	22.3#
70	0.0	10.0	15.0#



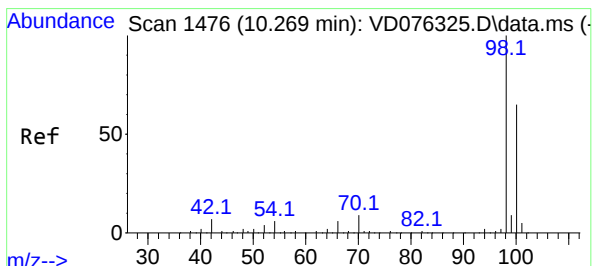
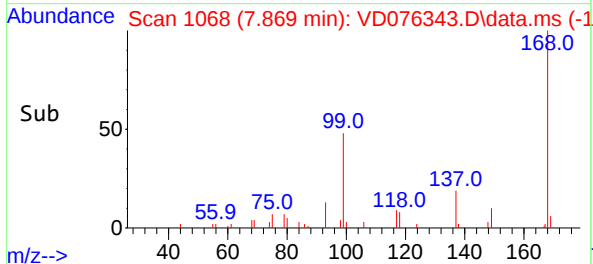
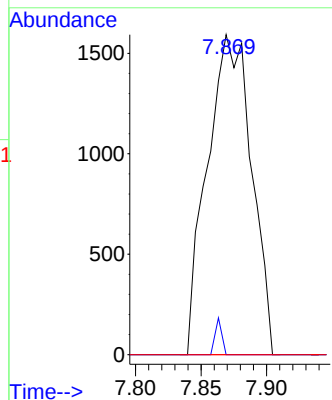


#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32B

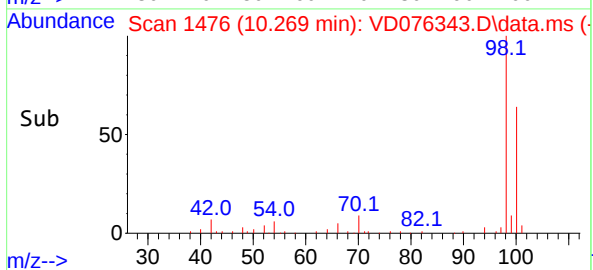
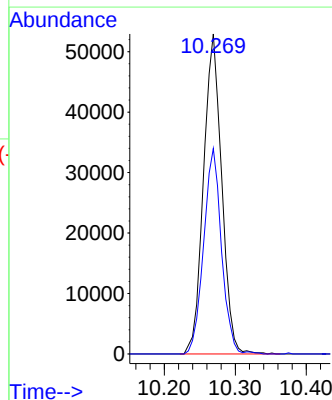
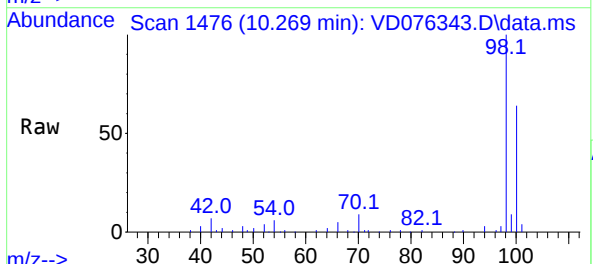


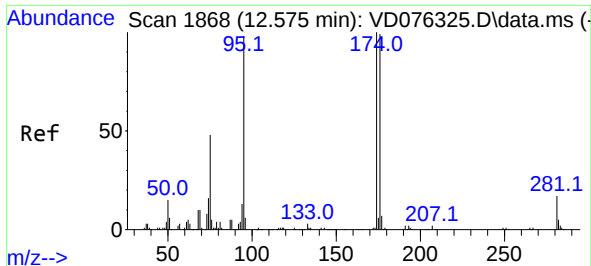
Tgt Ion:117 Resp: 3731
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.118 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 98 Resp: 94276
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5

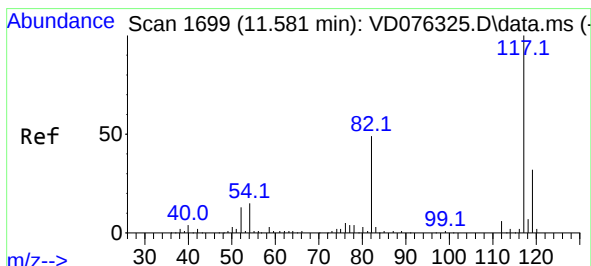
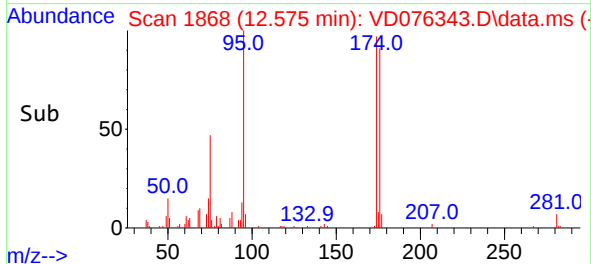
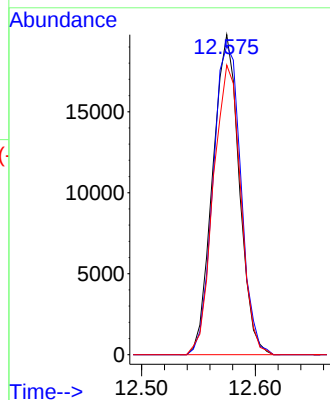
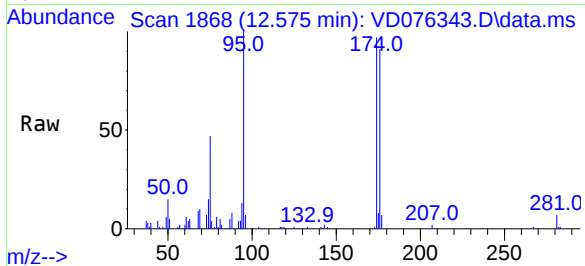




#62
4-Bromofluorobenzene
Concen: 59.166 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

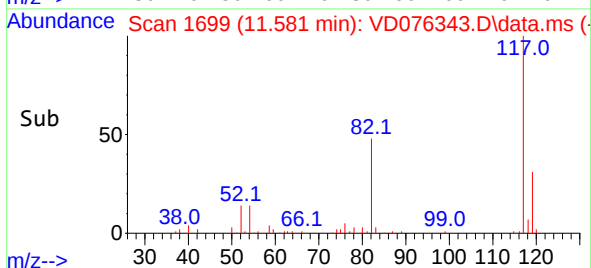
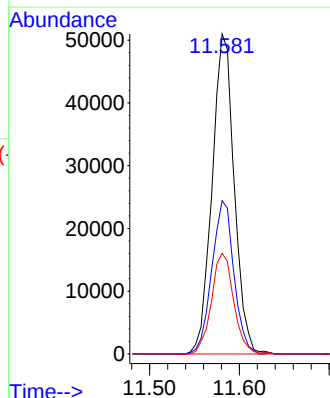
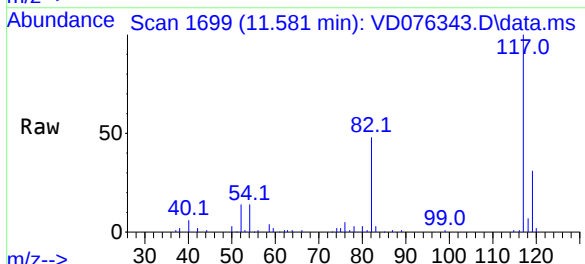
Instrument :
MSVOA_D
ClientSampleId :
SB32B

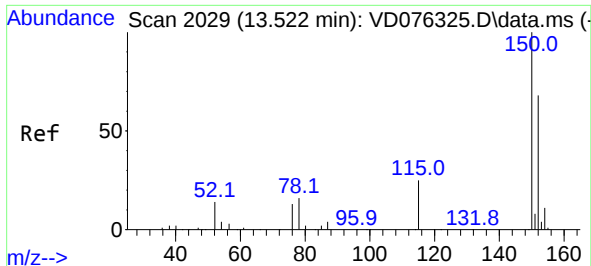
Tgt Ion: 95 Resp: 32008
Ion Ratio Lower Upper
95 100
174 101.4 0.0 201.8
176 93.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion: 117 Resp: 87147
Ion Ratio Lower Upper
117 100
82 47.9 38.3 57.5
119 31.4 25.0 37.4

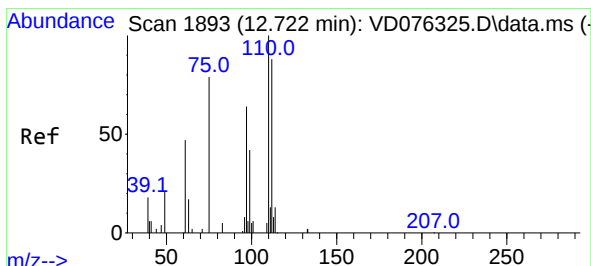
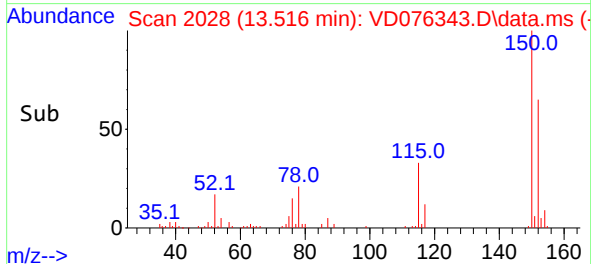
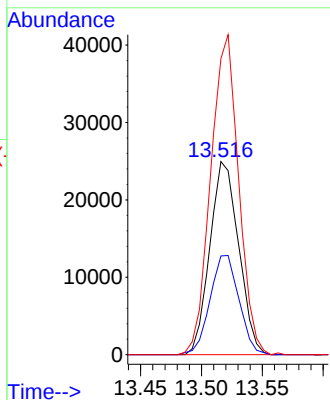
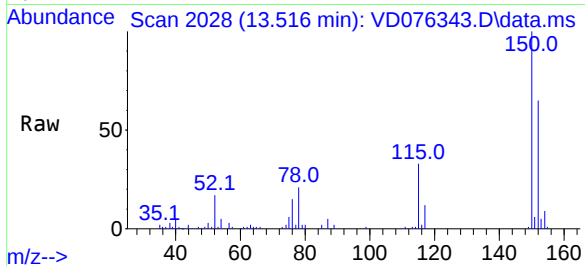




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076343.D
 Acq: 06 Jun 2023 16:32

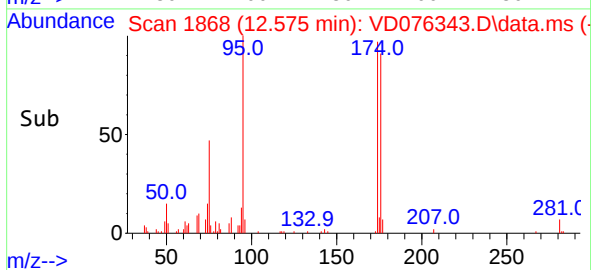
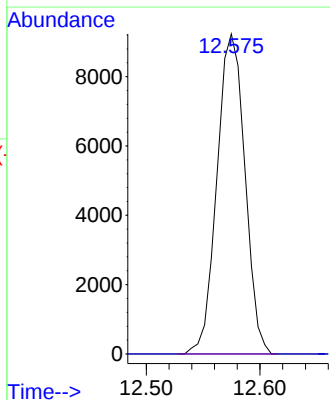
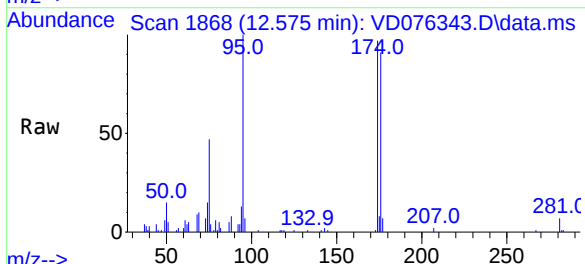
Instrument :
 MSVOA_D
 ClientSampleId :
 SB32B

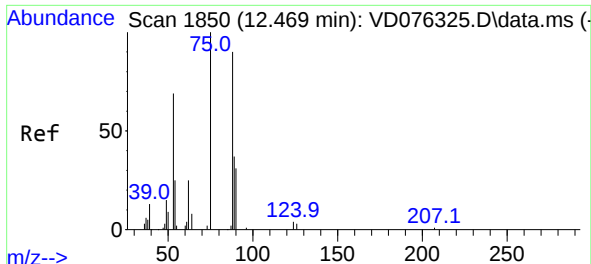
Tgt Ion:152 Resp: 41161
 Ion Ratio Lower Upper
 152 100
 115 51.6 27.1 81.3
 150 160.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 41.060 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076343.D
 Acq: 06 Jun 2023 16:32

Tgt Ion: 75 Resp: 15776
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

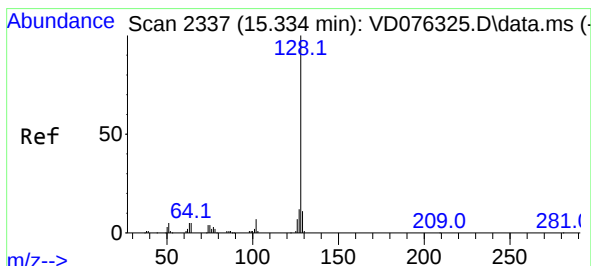
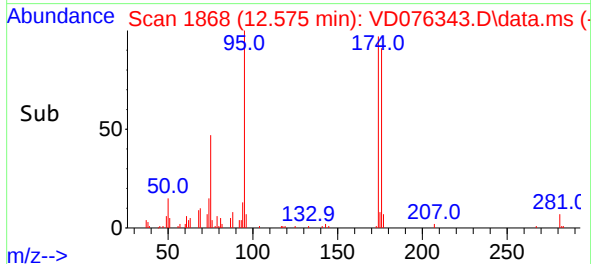
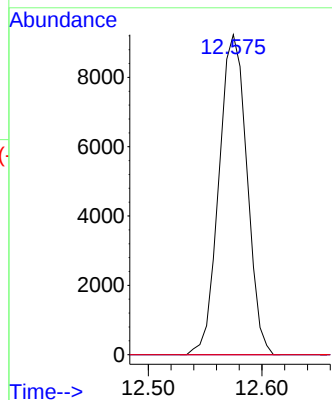
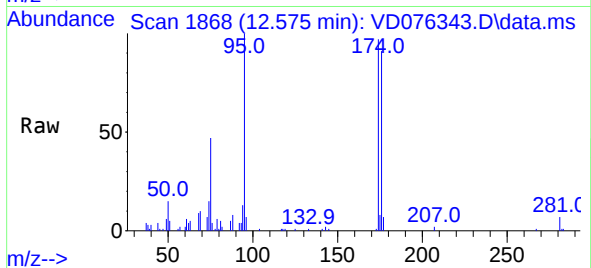




#81
trans-1,4-Dichloro-2-butene
Concen: 98.340 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB32B

Tgt Ion: 75 Resp: 15776
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.563 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076343.D
Acq: 06 Jun 2023 16:32

Tgt Ion:128 Resp: 426
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

