

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076356.D
 Acq On : 07 Jun 2023 16:19
 Operator : KP/SY
 Sample : 03045-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-1-060523

Quant Time: Jun 08 01:18:40 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)

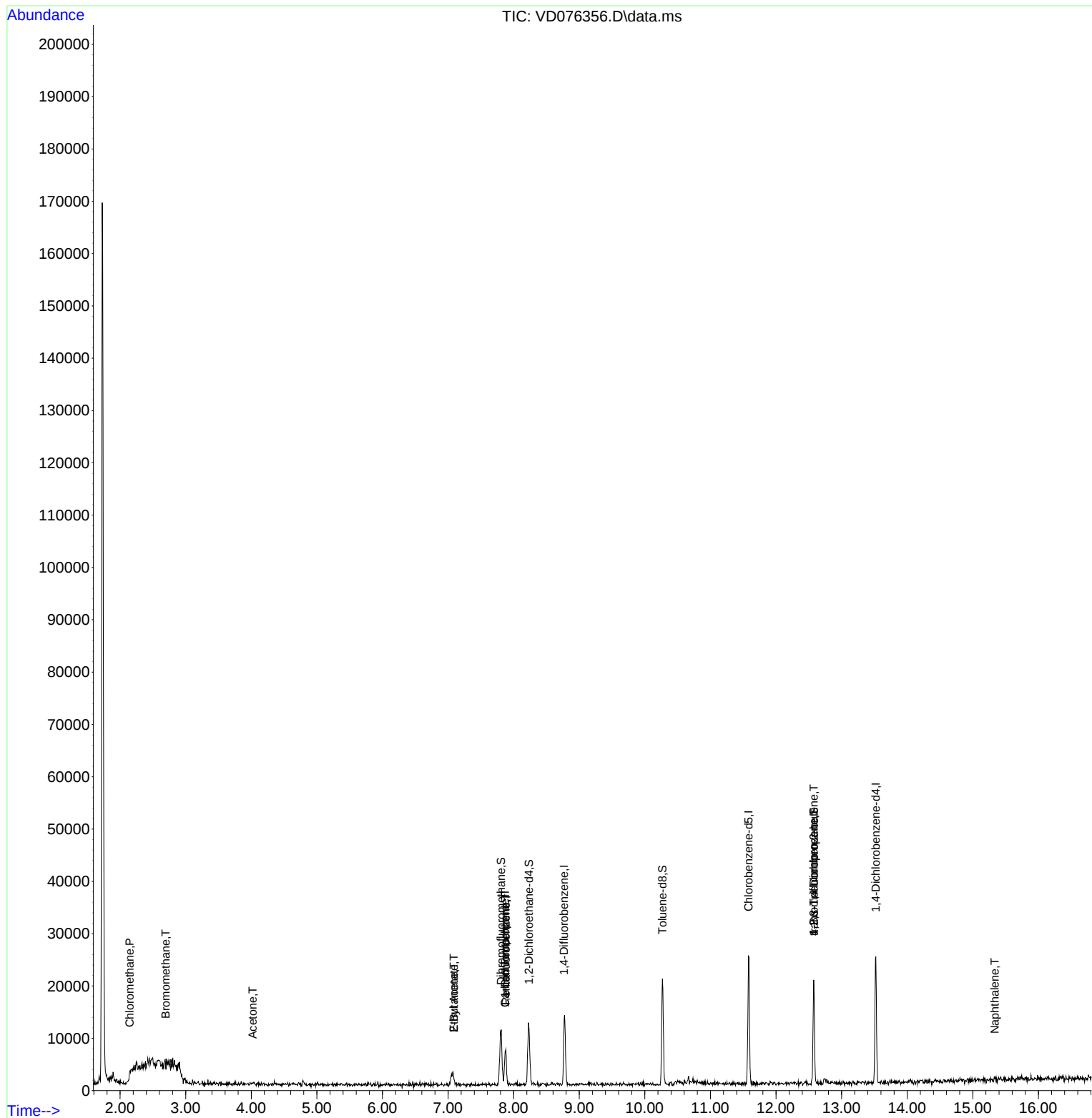
Internal Standards						
1) Pentafluorobenzene	7.881	168	6292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	13960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9946	176.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 352.840%#	
35) Dibromofluoromethane	7.810	113	7869	88.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 177.560%#	
50) Toluene-d8	10.269	98	16471	46.672	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.340%	
62) 4-Bromofluorobenzene	12.575	95	6190	66.279	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 132.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	307	2.622	ug/l #	41
5) Bromomethane	2.693	94	965	9.679	ug/l	98
16) Acetone	4.022	43	386	37.381	ug/l #	32
20) Methylene Chloride	4.781	84	265	Below Cal	#	74
25) 2-Butanone	7.087	43	60	4.196	ug/l #	37
36) 1,1-Dichloropropene	7.869	75	520	4.083	ug/l #	39
37) Ethyl Acetate	7.087	43	60	1.428	ug/l #	62
38) Carbon Tetrachloride	7.869	117	384	3.440	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	2873	37.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2873	90.105	ug/l #	17
95) Naphthalene	15.333	128	632	5.312	ug/l #	69

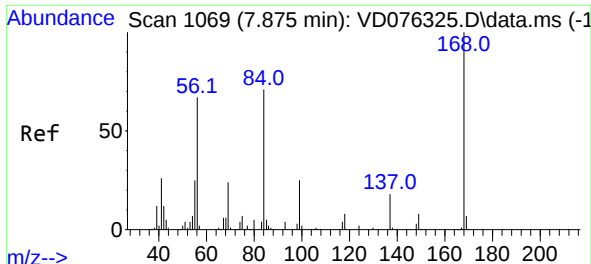
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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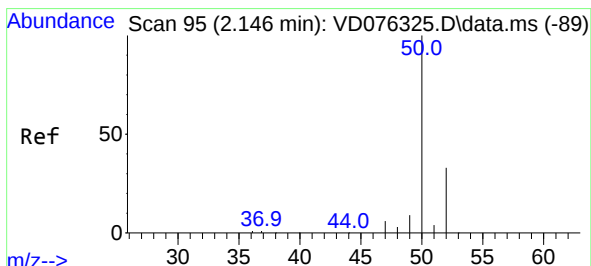
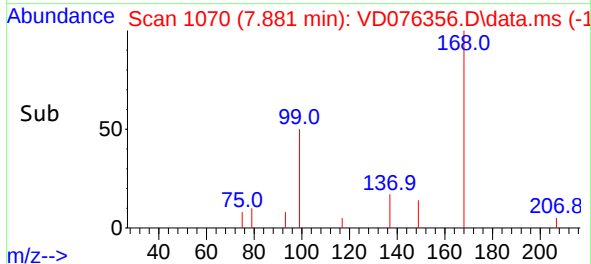
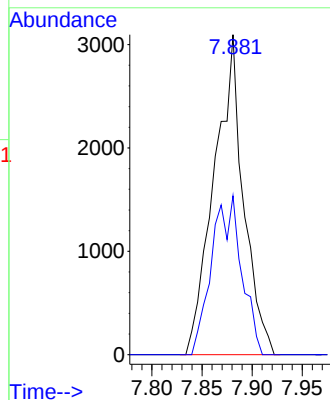
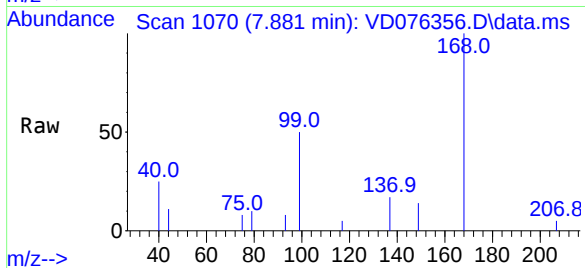




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

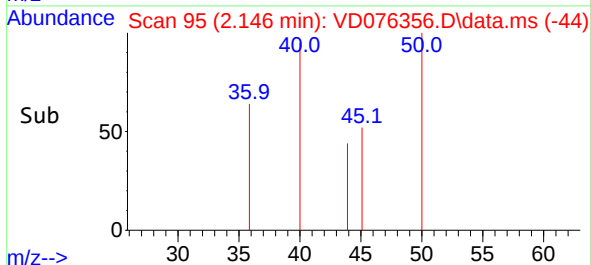
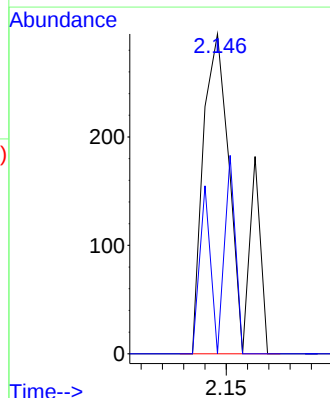
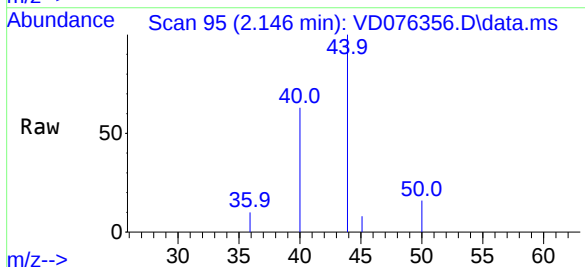
Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523

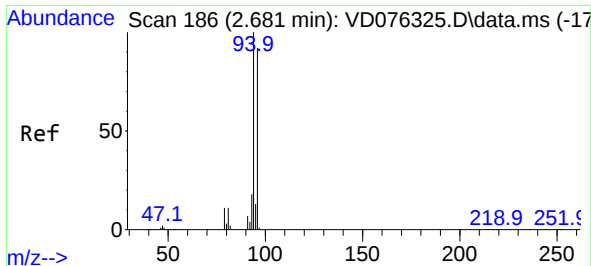
Tgt Ion:168 Resp: 6292
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#3
Chloromethane
Concen: 2.622 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

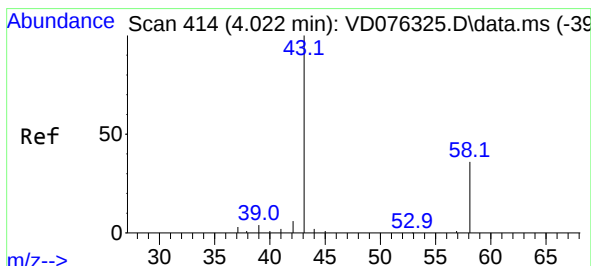
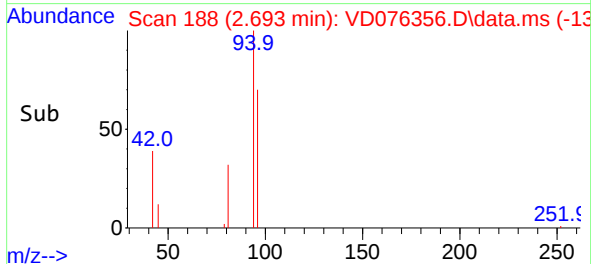
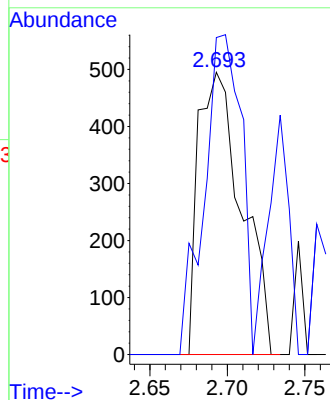
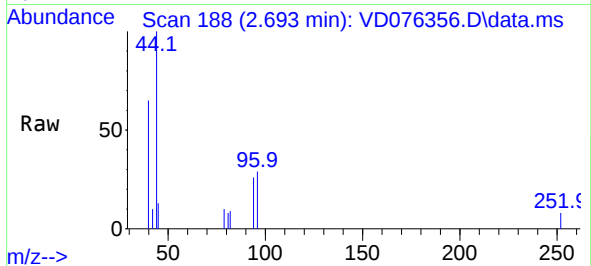




#5
Bromomethane
Concen: 9.679 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

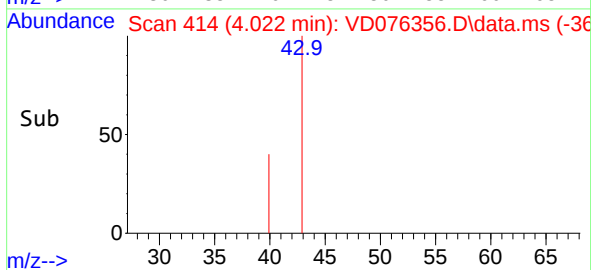
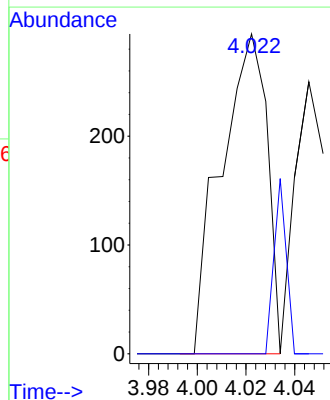
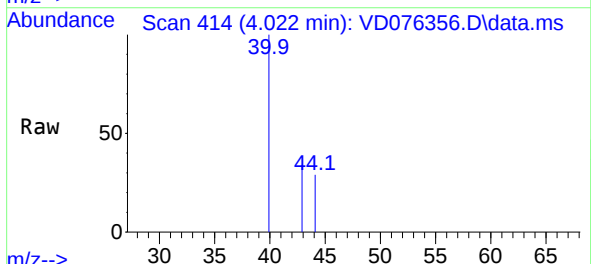
Instrument :
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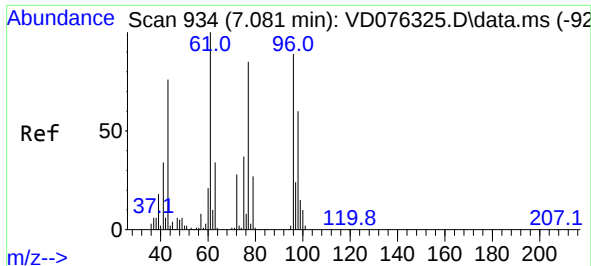
Tgt Ion: 94 Resp: 965
Ion Ratio Lower Upper
94 100
96 97.0 75.8 113.8



#16
Acetone
Concen: 37.381 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

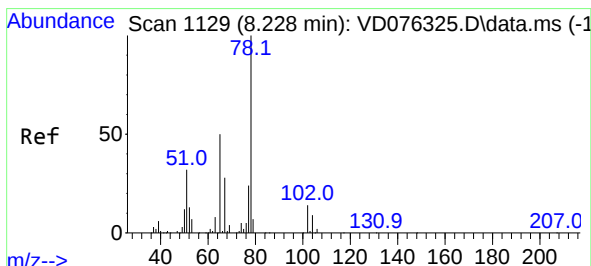
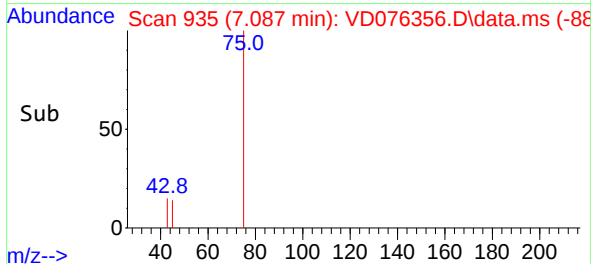
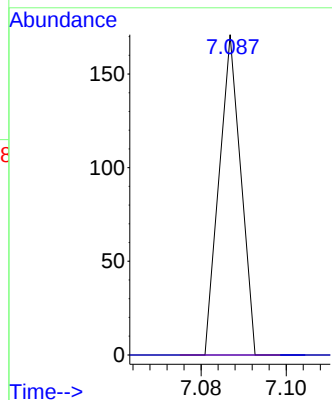
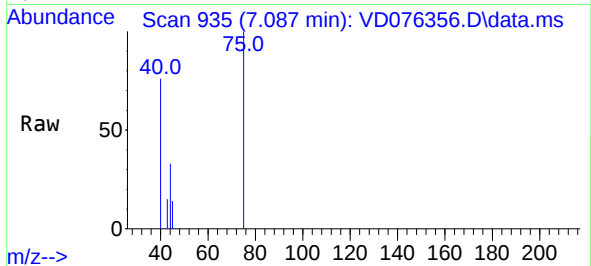




#25
2-Butanone
Concen: 4.196 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

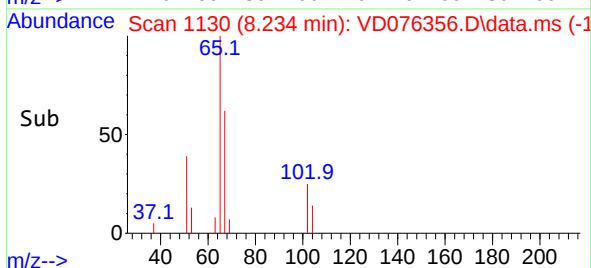
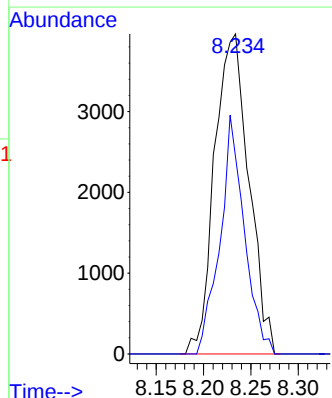
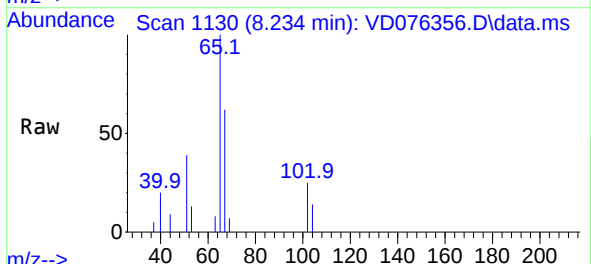
Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523

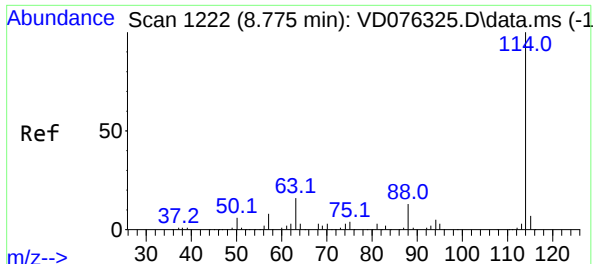
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 176.423 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion: 65 Resp: 9946
Ion Ratio Lower Upper
65 100
67 53.1 0.0 115.0

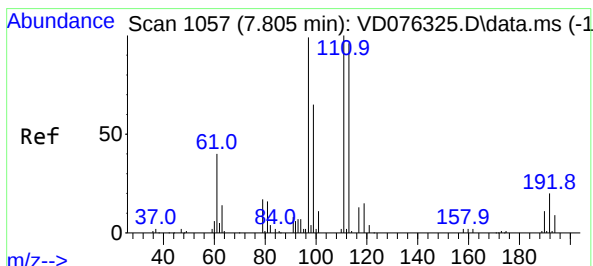
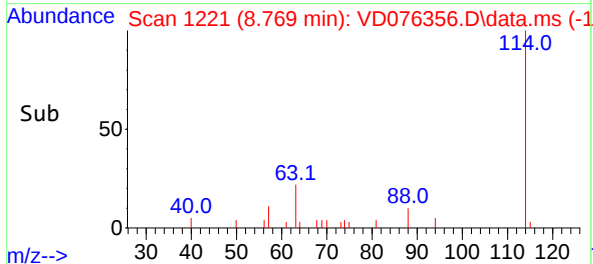
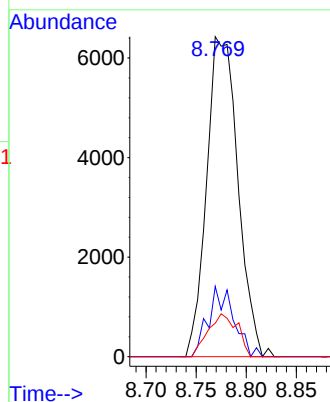
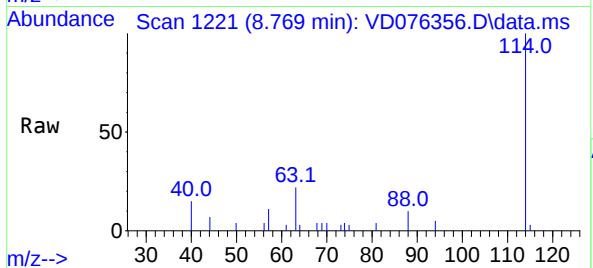




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

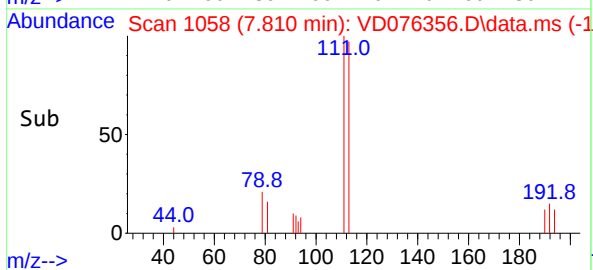
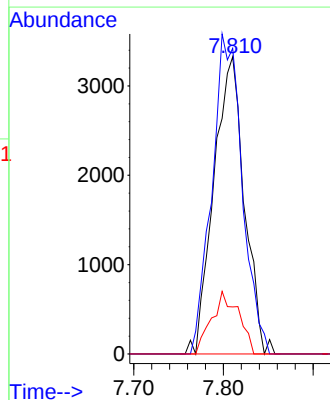
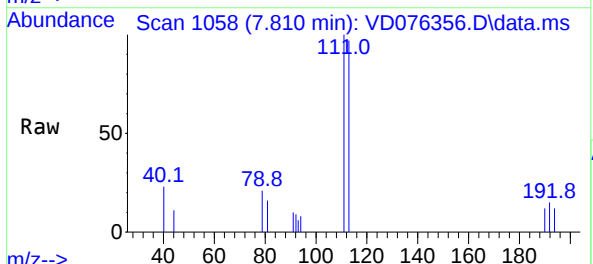
Instrument :
MSVOA_D
ClientSampleId :
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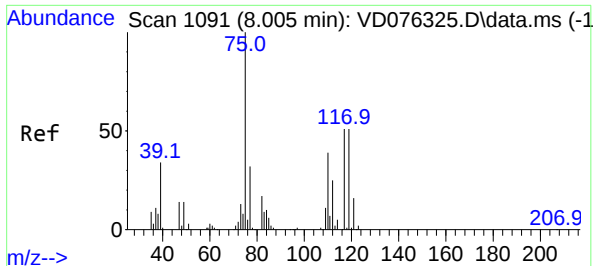
Tgt Ion:114	Resp:	13960
Ion	Ratio	Lower Upper
114	100	
63	21.9	0.0 33.4
88	10.5	0.0 26.2



#35
Dibromofluoromethane
Concen: 88.778 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion:113	Resp:	7869
Ion	Ratio	Lower Upper
113	100	
111	106.7	84.7 127.1
192	18.6	16.8 25.2

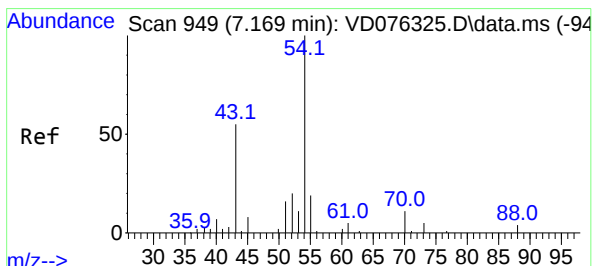
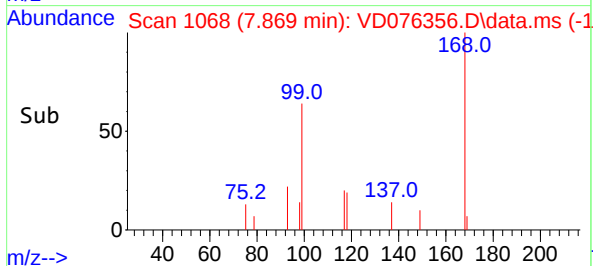
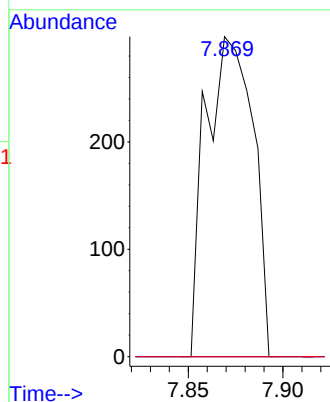
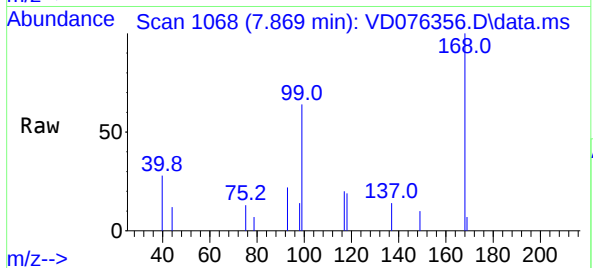




#36
1,1-Dichloropropene
Concen: 4.083 ug/l
RT: 7.869 min Scan# 1091
Delta R.T. -0.135 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

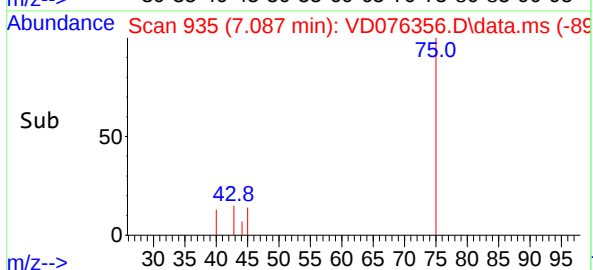
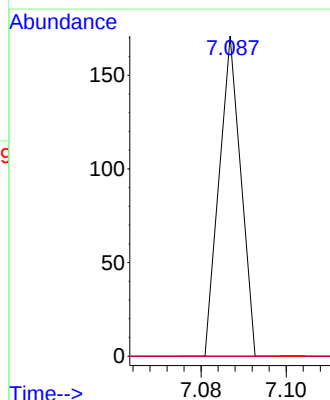
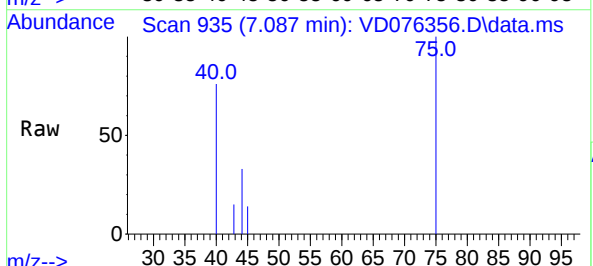
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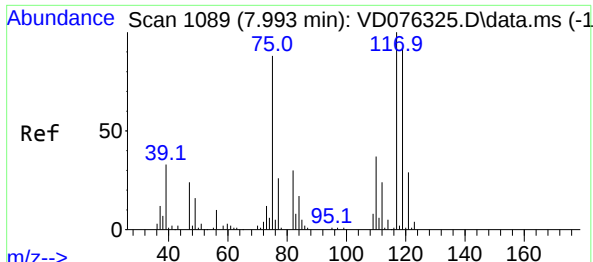
Tgt Ion: 75 Resp: 520
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.428 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

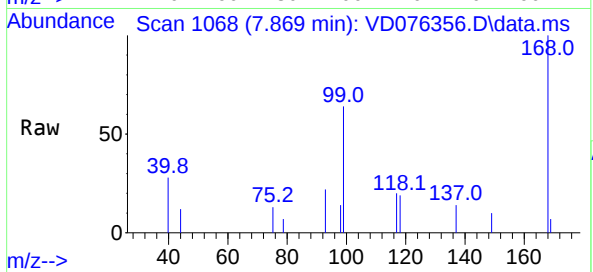
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#



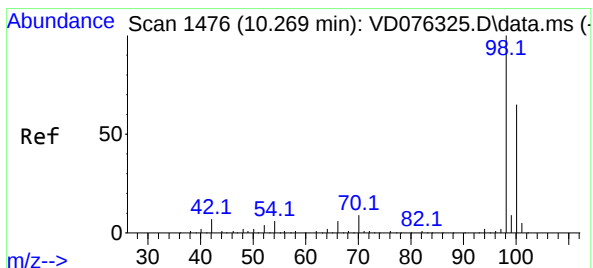
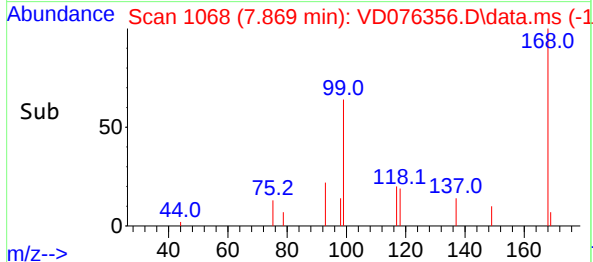
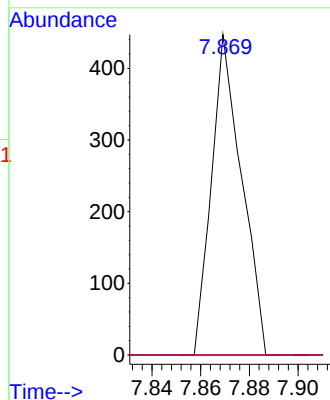


#38
Carbon Tetrachloride
Concen: 3.440 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Instrument :
MSVOA_D
ClientSampleId :
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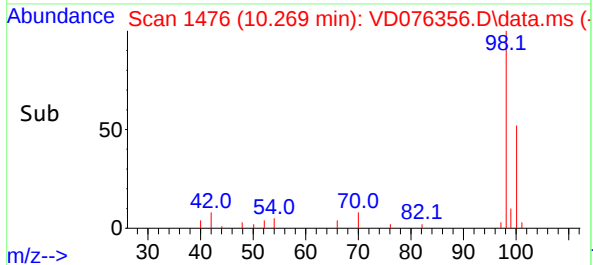
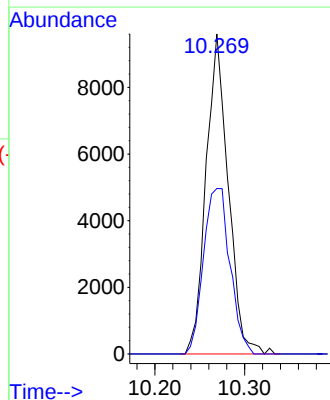
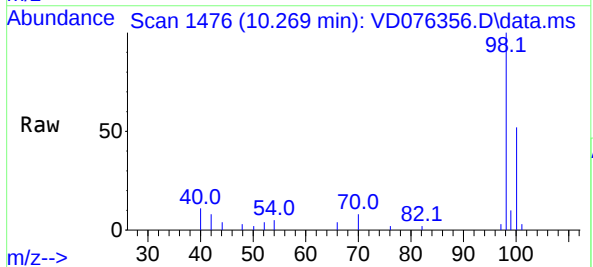


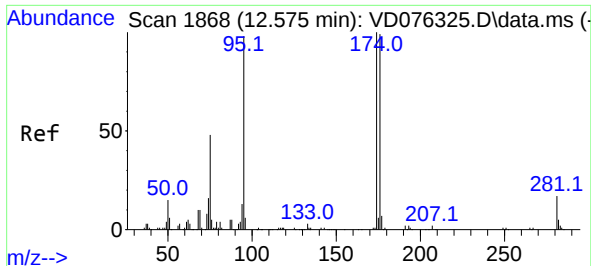
Tgt Ion:117 Resp: 384
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.672 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion: 98 Resp: 16471
Ion Ratio Lower Upper
98 100
100 61.8 50.3 75.5

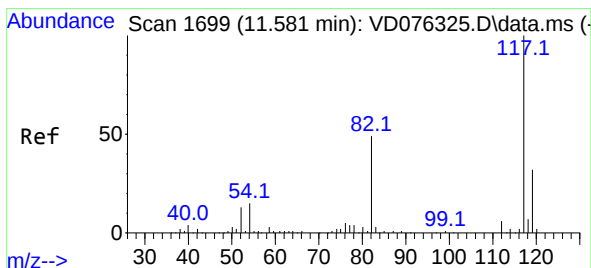
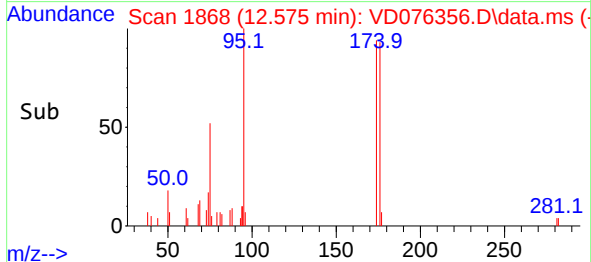
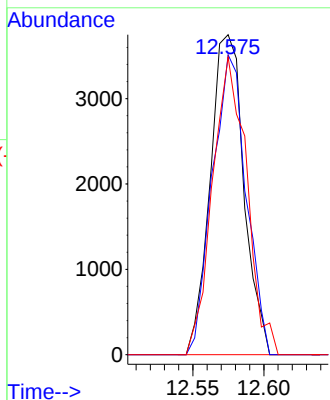
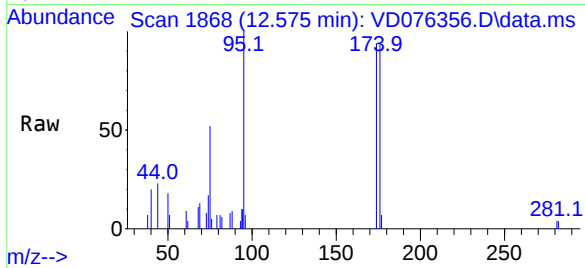




#62
4-Bromofluorobenzene
Concen: 66.279 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

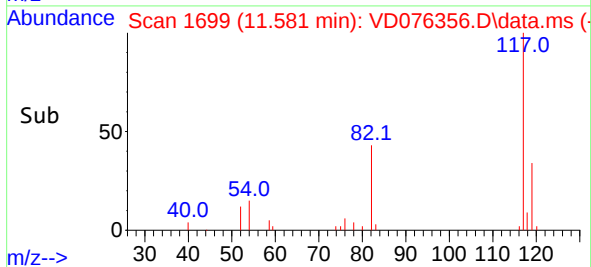
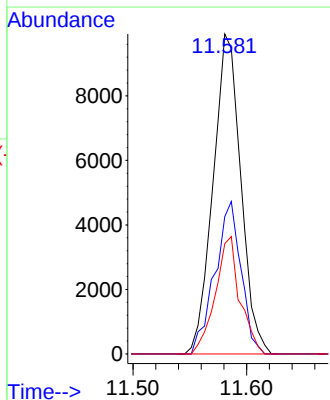
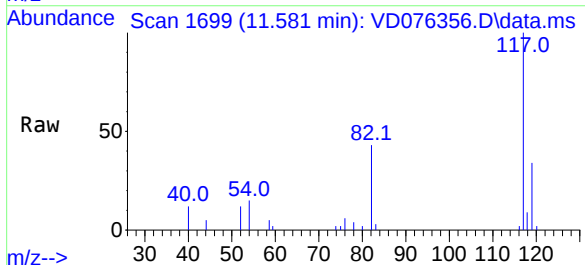
Instrument :
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ClientSampleId :
PAT-1-060523

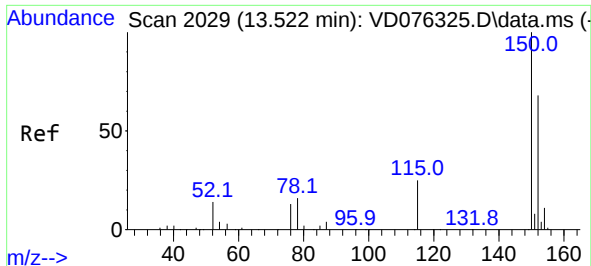
Tgt Ion:	95	Resp:	6190
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	201.8
176	94.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

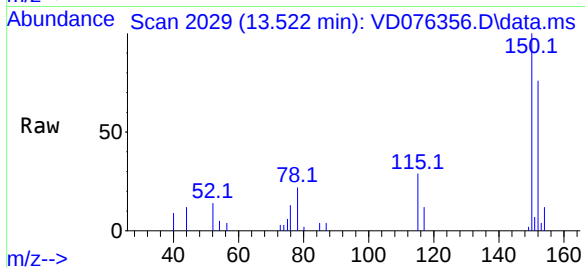
Tgt Ion:	117	Resp:	16817
Ion	Ratio	Lower	Upper
117	100		
82	42.9	38.3	57.5
119	34.5	25.0	37.4



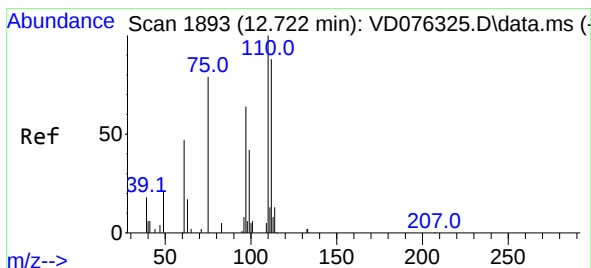
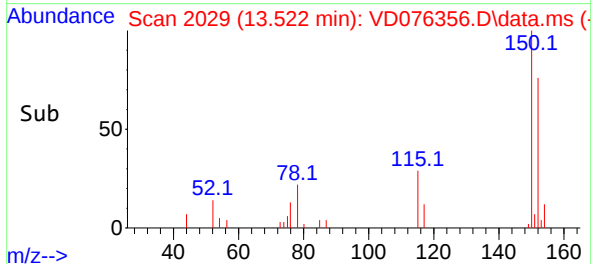
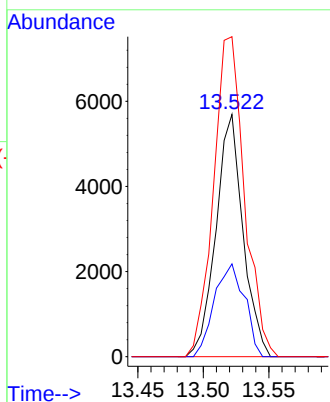


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076356.D
 Acq: 07 Jun 2023 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-1-060523

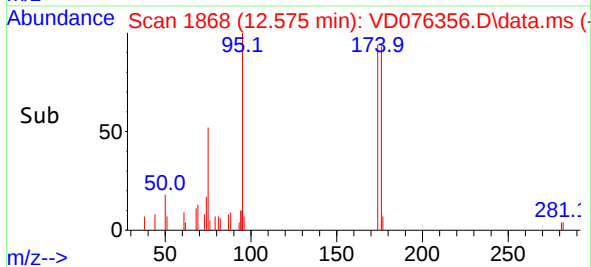
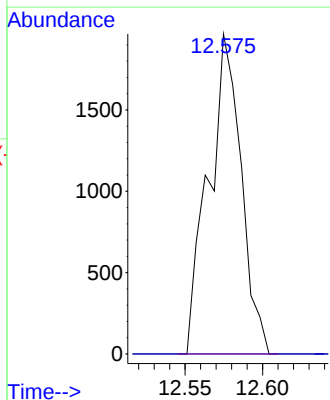
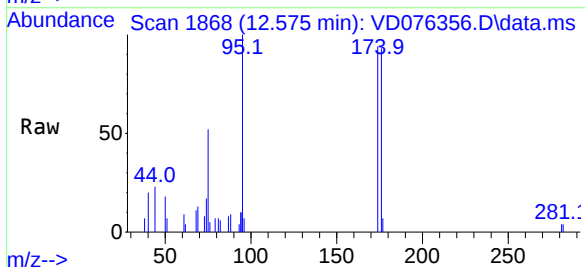


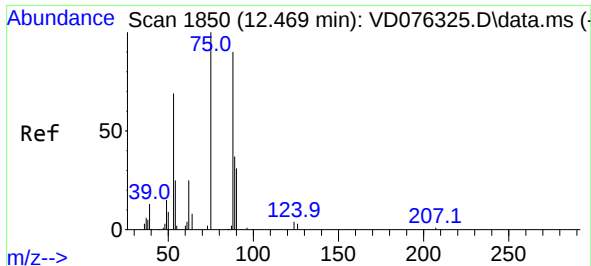
Tgt Ion:152 Resp: 8181
 Ion Ratio Lower Upper
 152 100
 115 42.6 27.1 81.3
 150 150.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 37.621 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076356.D
 Acq: 07 Jun 2023 16:19

Tgt Ion: 75 Resp: 2873
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

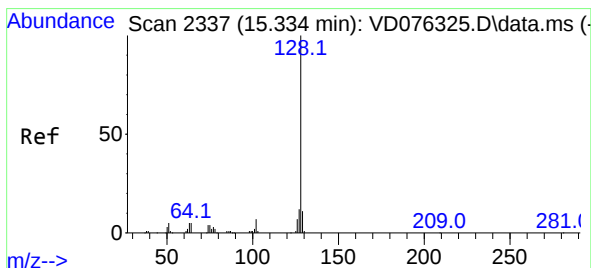
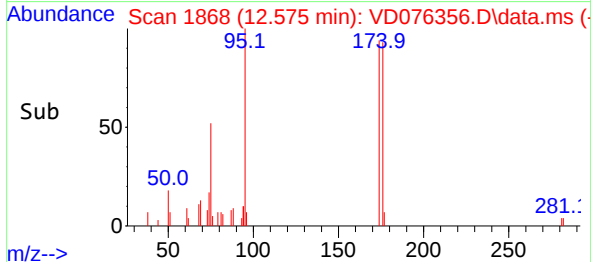
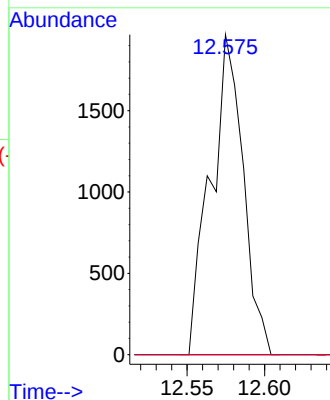
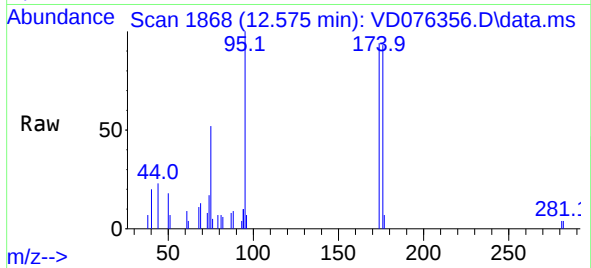




#81
trans-1,4-Dichloro-2-butene
Concen: 90.105 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523

Tgt Ion:	75	Resp:	2873
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#



#95
Naphthalene
Concen: 5.312 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion:	128	Resp:	632
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

