

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076367.D
 Acq On : 07 Jun 2023 21:48
 Operator : KP/SY
 Sample : 03045-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-1-060523RE

Quant Time: Jun 08 01:20:08 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)

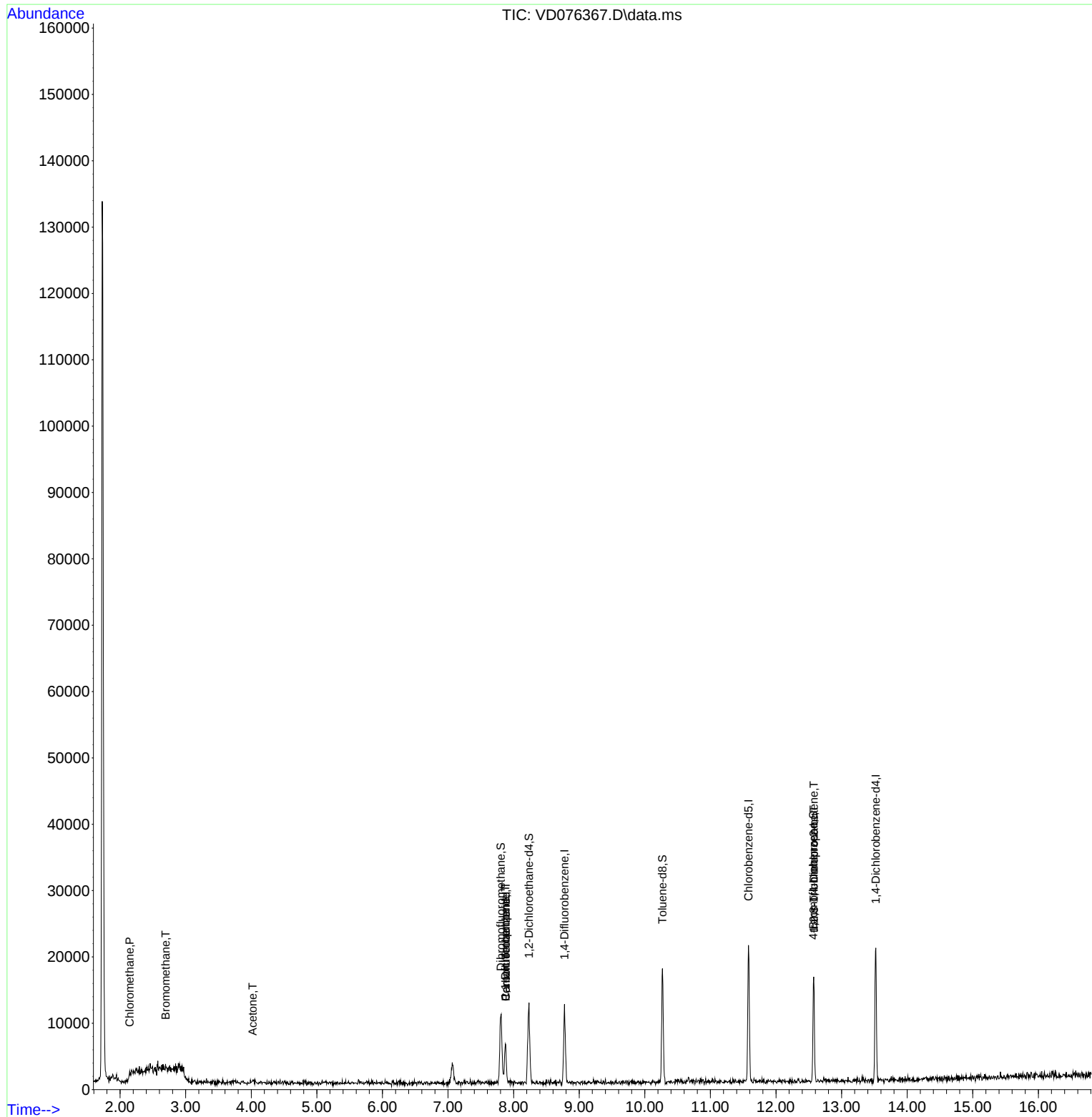
Internal Standards						
1) Pentafluorobenzene	7.881	168	6121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	11752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	14332	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9232	168.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 336.660%#	
35) Dibromofluoromethane	7.805	113	8034	107.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 215.340%#	
50) Toluene-d8	10.269	98	13204	44.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.880%	
62) 4-Bromofluorobenzene	12.569	95	5114	65.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 130.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	148	1.299	ug/l	# 41
5) Bromomethane	2.693	94	285	2.938	ug/l	# 58
16) Acetone	4.022	43	469	46.688	ug/l	# 32
20) Methylene Chloride	4.817	84	112	Below Cal	#	41
36) 1,1-Dichloropropene	7.875	75	353	3.293	ug/l	# 39
38) Carbon Tetrachloride	7.881	117	260	2.767	ug/l	# 11
76) 1,2,3-Trichloropropane	12.575	75	2557	40.444	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	2557	96.865	ug/l	# 17

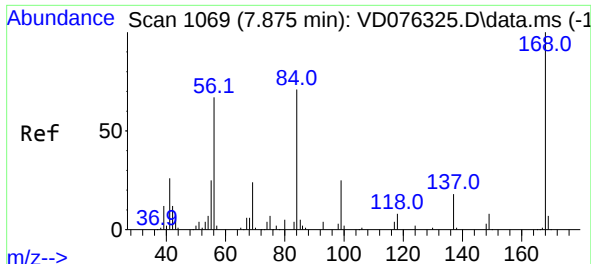
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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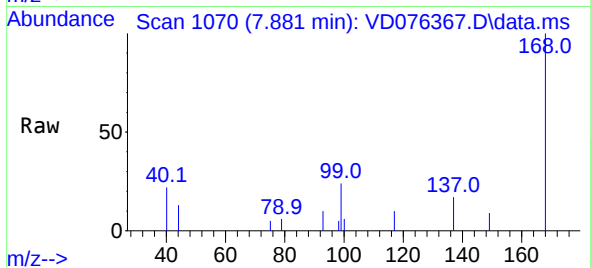
Quant Time: Jun 08 01:20:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
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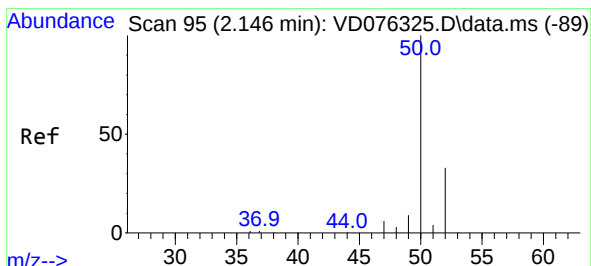
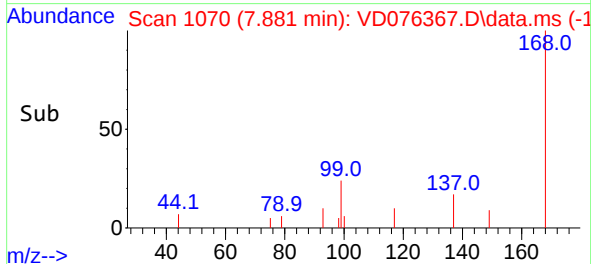
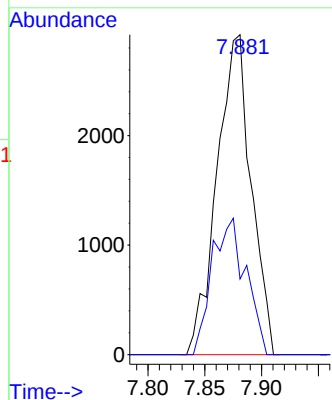


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523RE

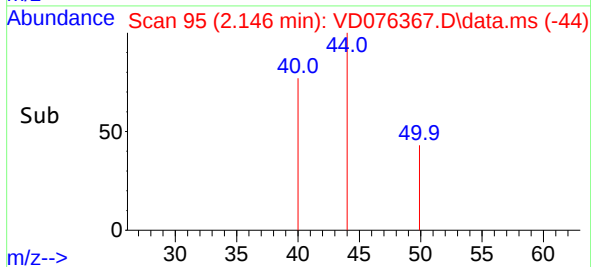
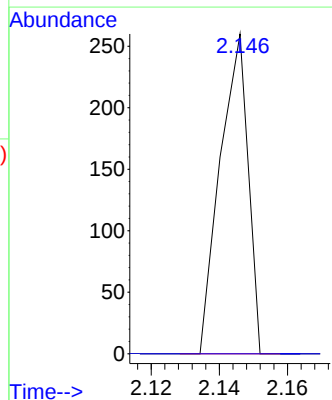
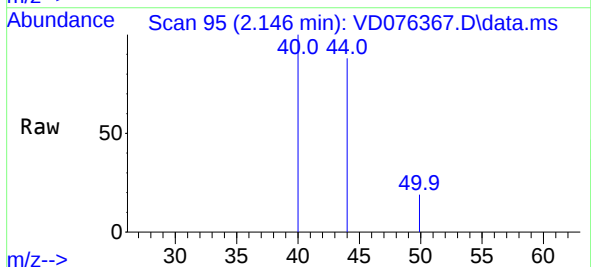


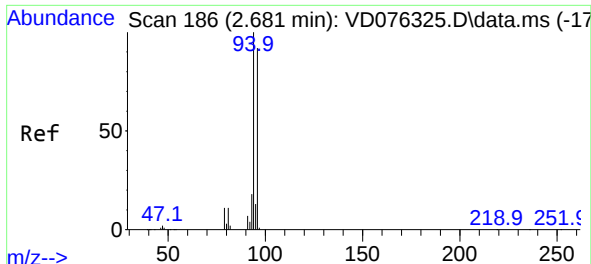
Tgt Ion:168 Resp: 6121
Ion Ratio Lower Upper
168 100
99 23.6 36.7 55.1#



#3
Chloromethane
Concen: 1.299 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Tgt Ion: 50 Resp: 148
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

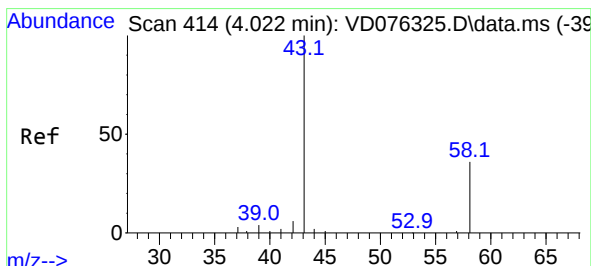
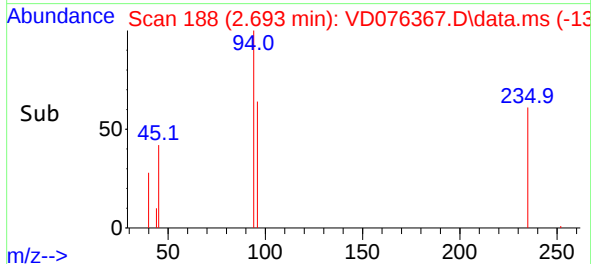
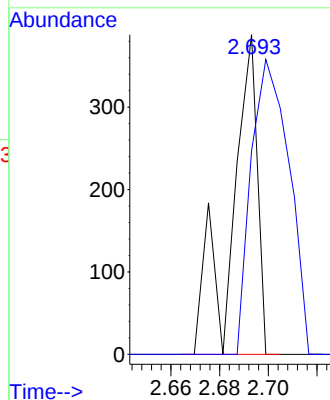
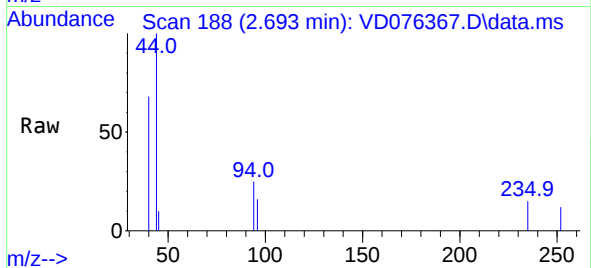




#5
Bromomethane
Concen: 2.938 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

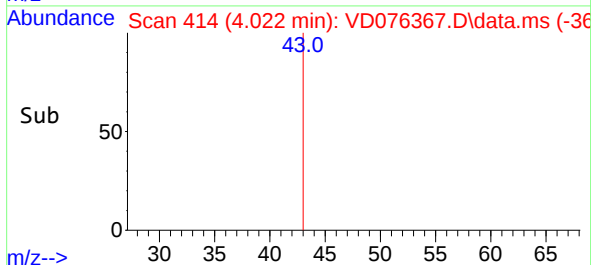
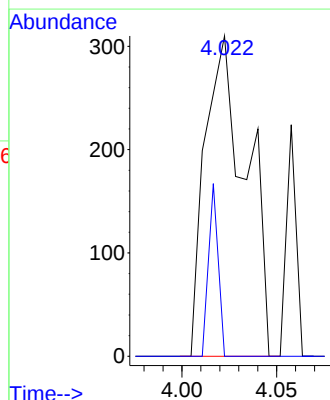
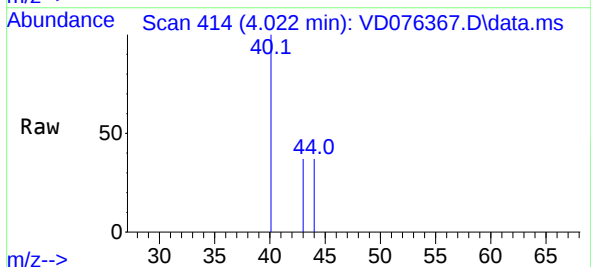
Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523RE

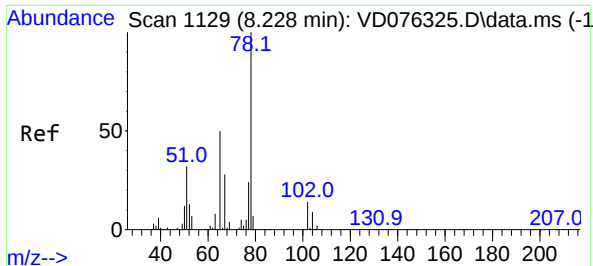
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 135.8 75.8 113.8#



#16
Acetone
Concen: 46.688 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 168.333 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076367.D

Acq: 07 Jun 2023 21:48

Instrument :

MSVOA_D

ClientSampleId :

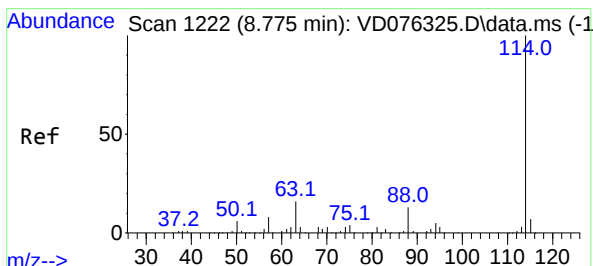
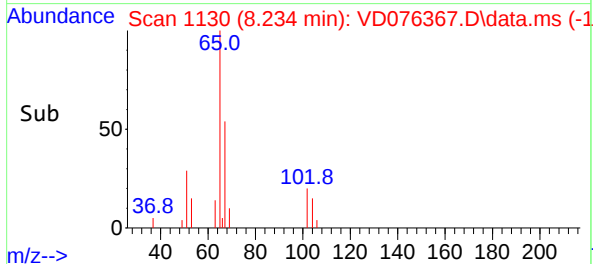
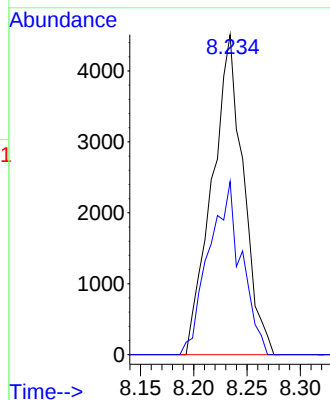
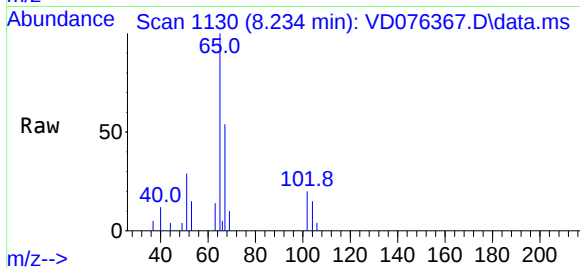
PAT-1-060523RE

Tgt Ion: 65 Resp: 9232

Ion Ratio Lower Upper

65 100

67 56.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076367.D

Acq: 07 Jun 2023 21:48

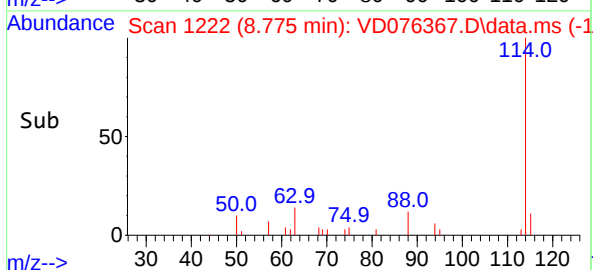
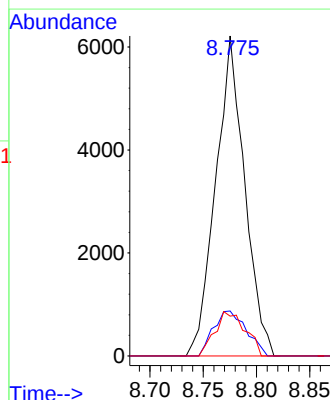
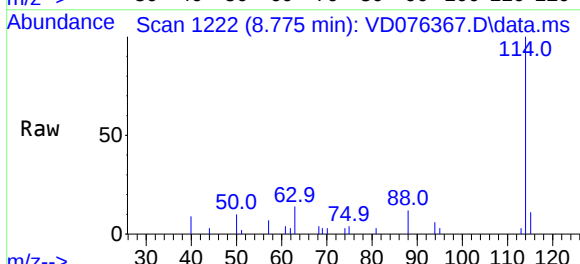
Tgt Ion: 114 Resp: 11752

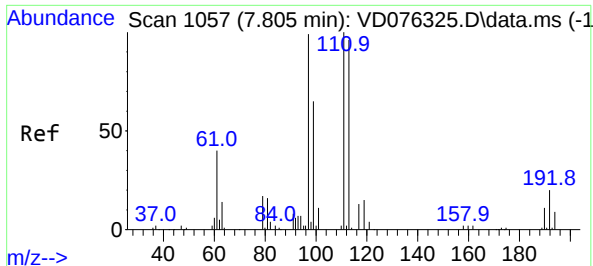
Ion Ratio Lower Upper

114 100

63 14.0 0.0 33.4

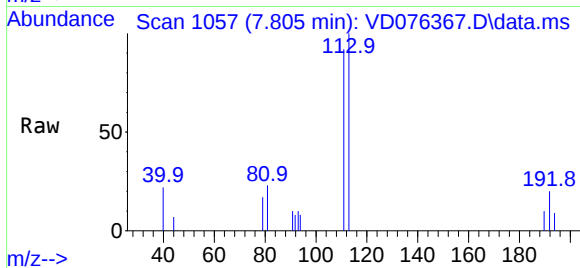
88 12.4 0.0 26.2





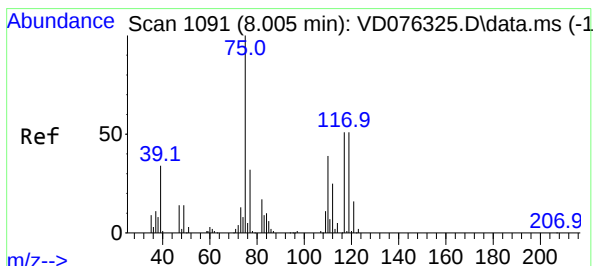
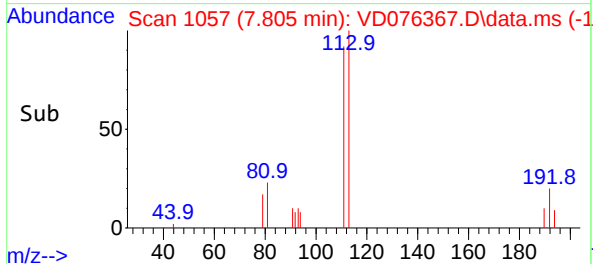
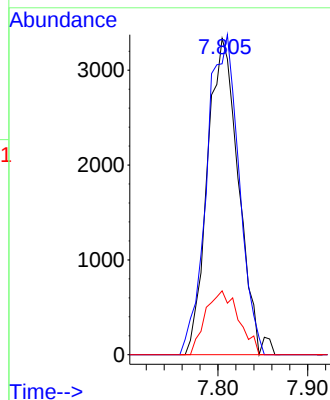
#35
Dibromofluoromethane
Concen: 107.669 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Instrument :
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Tgt Ion: 113 Resp: 8034

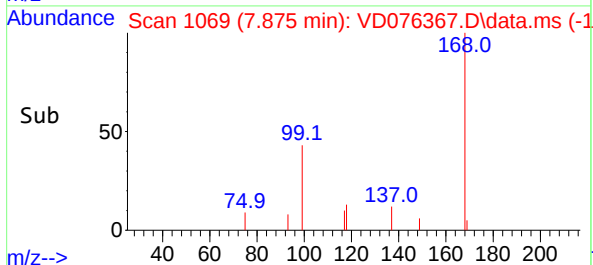
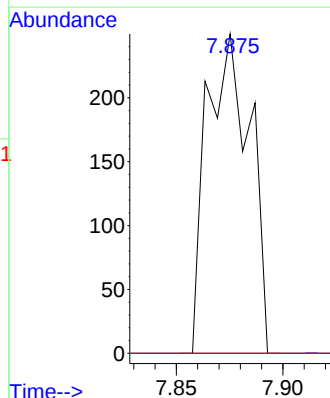
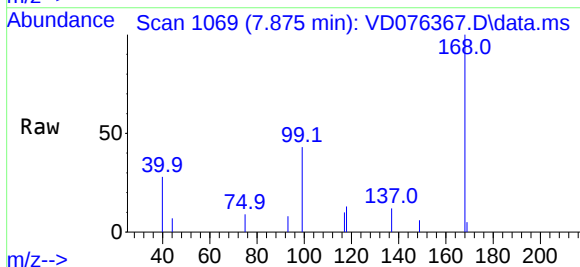
Ion	Ratio	Lower	Upper
113	100		
111	104.5	84.7	127.1
192	21.5	16.8	25.2

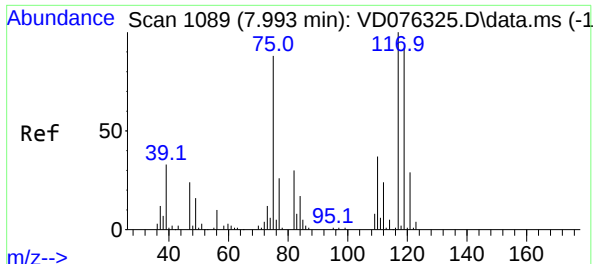


#36
1,1-Dichloropropene
Concen: 3.293 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Tgt Ion: 75 Resp: 353

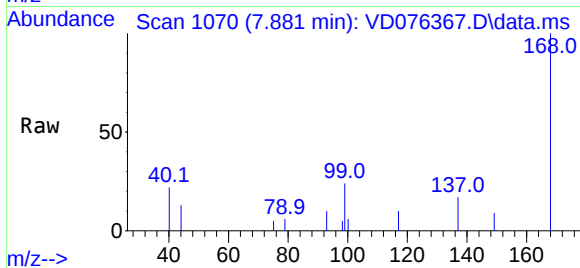
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.6#
77	0.0	24.7	37.1#



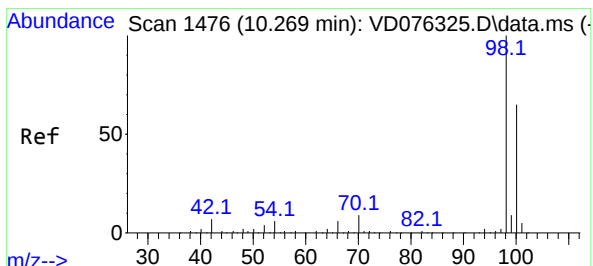
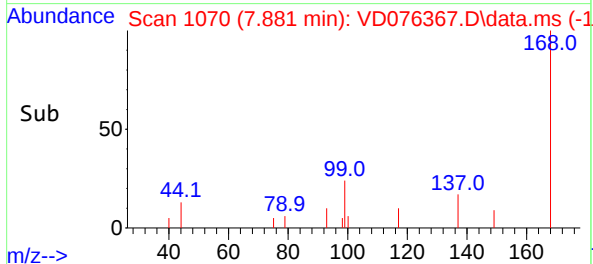
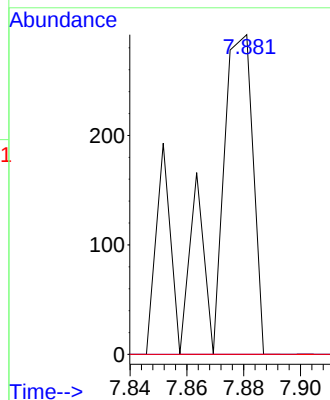


#38
Carbon Tetrachloride
Concen: 2.767 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Instrument :
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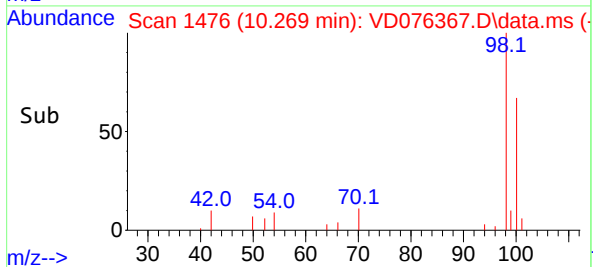
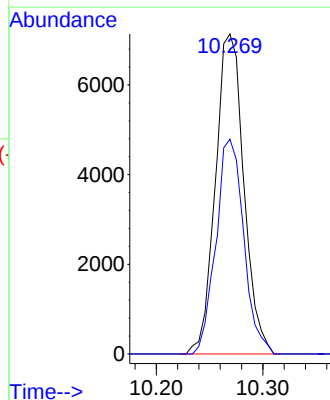
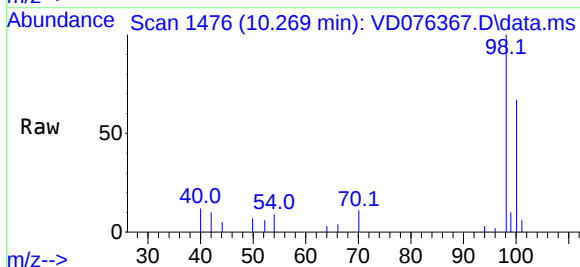


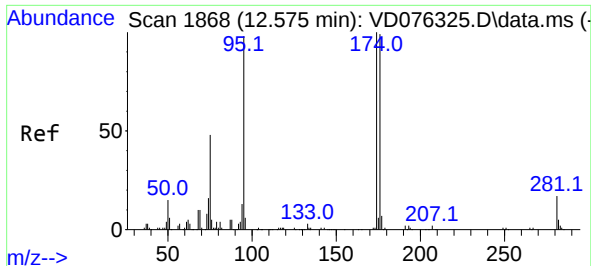
Tgt Ion:117 Resp: 260
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.445 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Tgt Ion: 98 Resp: 13204
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5

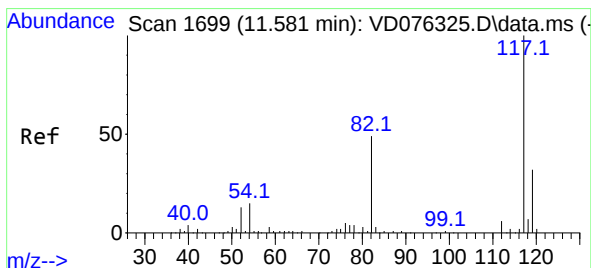
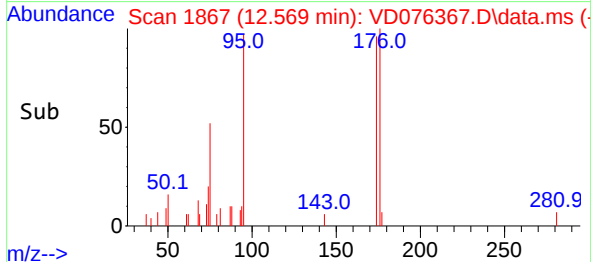
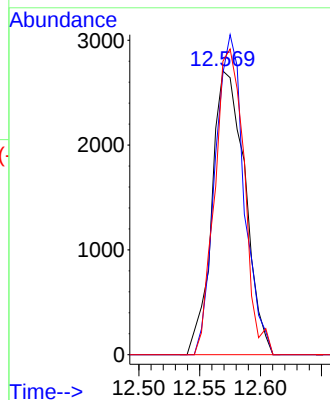
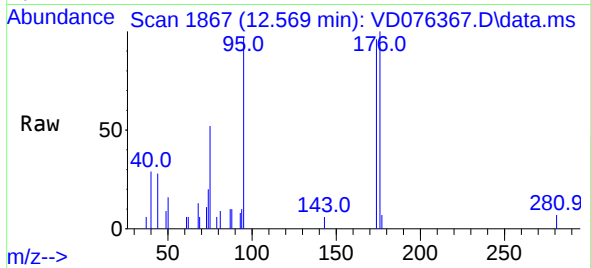




#62
4-Bromofluorobenzene
Concen: 65.045 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

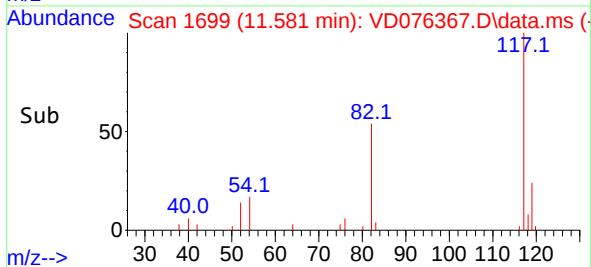
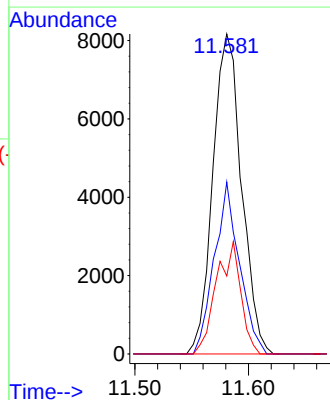
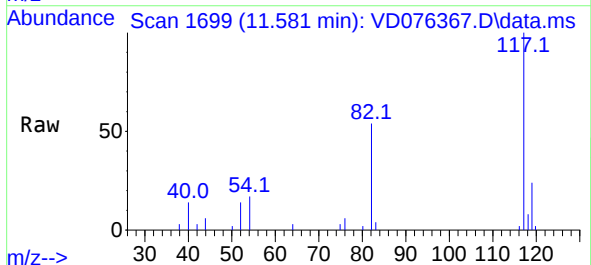
Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523RE

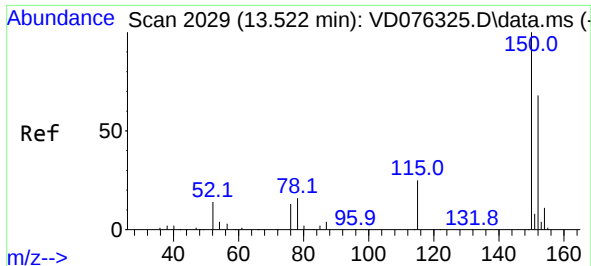
Tgt Ion:	95	Resp:	5114
Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	201.8
176	95.7	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

Tgt Ion:	117	Resp:	14332
Ion	Ratio	Lower	Upper
117	100		
82	53.7	38.3	57.5
119	24.3	25.0	37.4

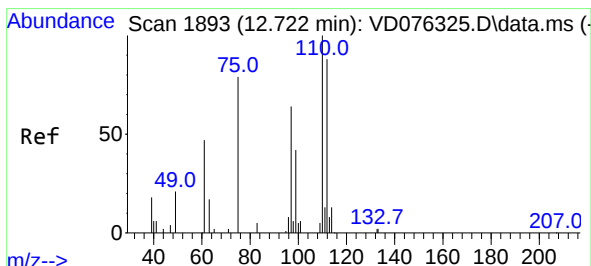
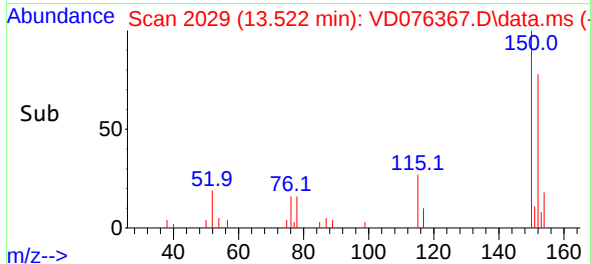
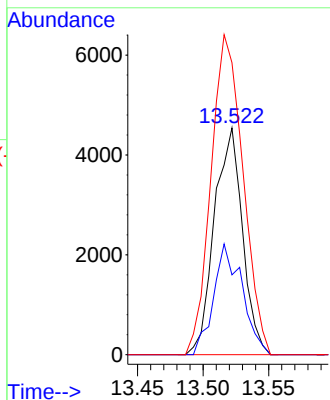
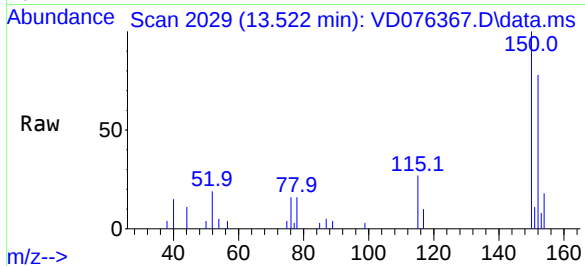




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

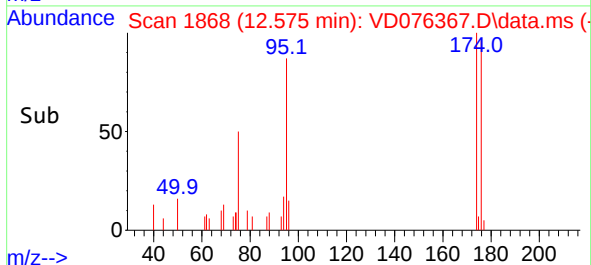
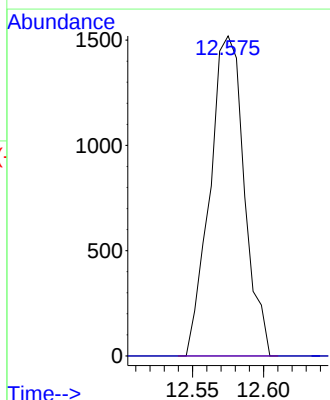
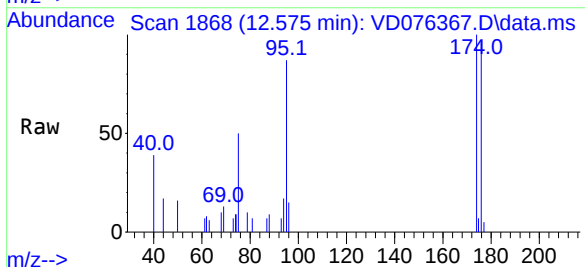
Instrument :
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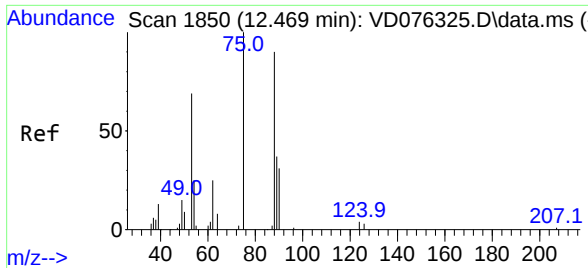
Tgt Ion:152 Resp: 6773
Ion Ratio Lower Upper
152 100
115 49.6 27.1 81.3
150 160.8 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 40.444 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076367.D
Acq: 07 Jun 2023 21:48

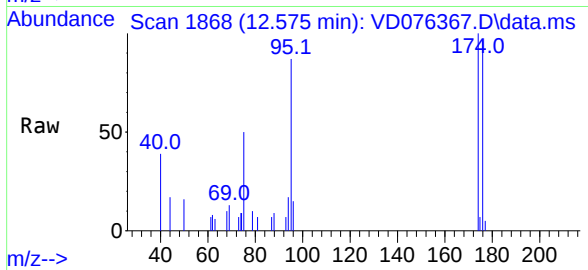
Tgt Ion: 75 Resp: 2557
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.865 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076367.D
 Acq: 07 Jun 2023 21:48

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-1-060523RE



Tgt Ion:	75	Resp:	2557
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

