

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076342.D
 Acq On : 06 Jun 2023 16:02
 Operator : KP/SY
 Sample : OI3047-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32A

Quant Time: Jun 07 06:11:21 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)

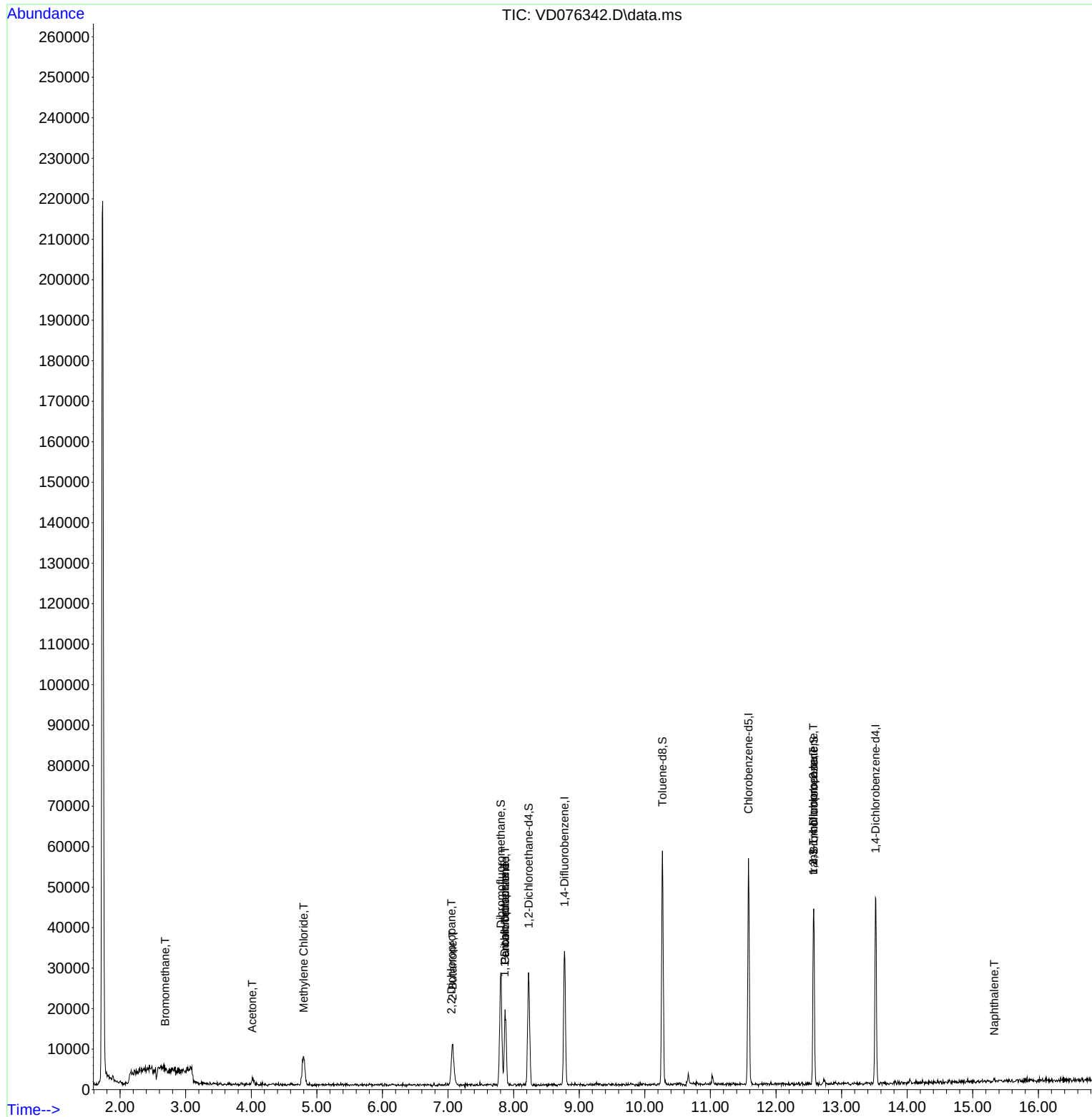
Internal Standards						
1) Pentafluorobenzene	7.869	168	16914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	33494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21242	140.166	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 280.340%#		
35) Dibromofluoromethane	7.805	113	20182	94.900	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 189.800%#		
50) Toluene-d8	10.269	98	43696	51.606	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 103.220%		
62) 4-Bromofluorobenzene	12.575	95	13876	61.925	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 123.840%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	408	1.522	ug/l #	10
16) Acetone	4.016	43	2344	84.444	ug/l #	75
20) Methylene Chloride	4.799	84	6430	25.492	ug/l #	93
25) 2-Butanone	7.069	43	58	1.509	ug/l #	37
26) 2,2-Dichloropropane	7.052	77	674	2.449	ug/l #	49
36) 1,1-Dichloropropene	7.863	75	647	2.118	ug/l #	39
38) Carbon Tetrachloride	7.869	117	774	2.890	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	6935	52.526	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	6935	125.804	ug/l #	17
95) Naphthalene	15.328	128	537	4.285	ug/l #	69

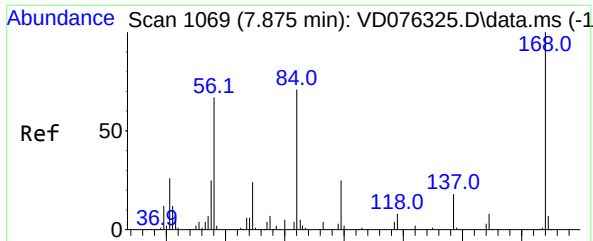
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
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SB32A

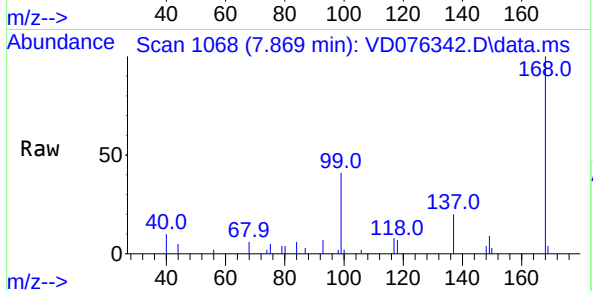
Quant Time: Jun 07 06:11:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



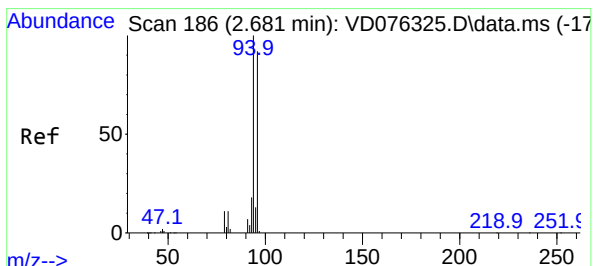
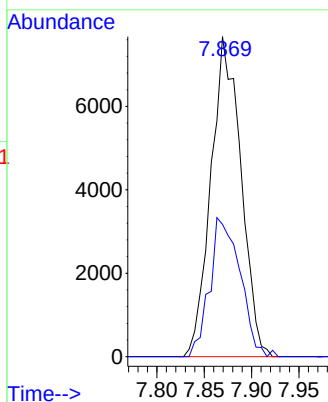
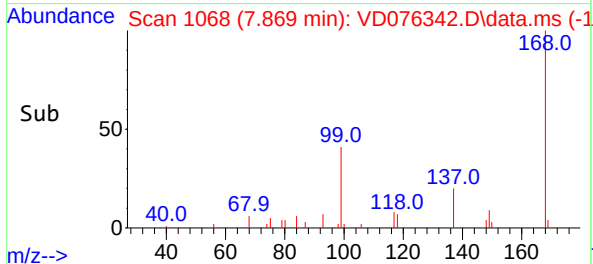


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Instrument :
MSVOA_D
ClientSampleId :
SB32A

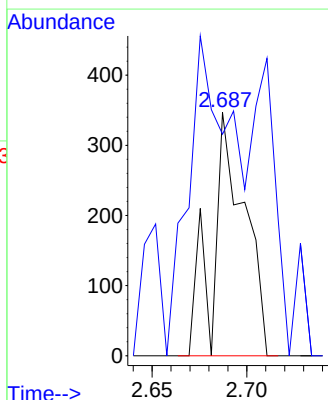
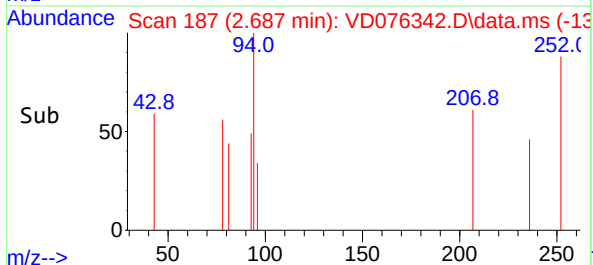
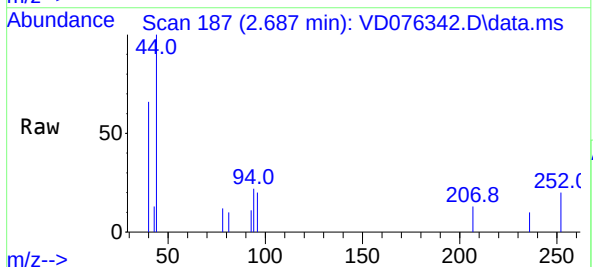


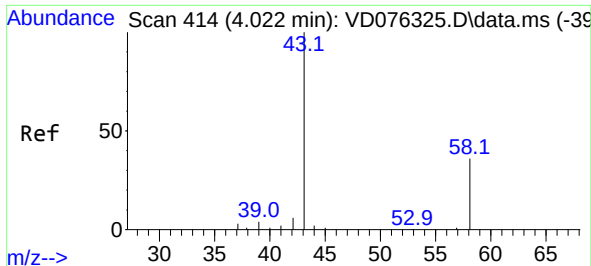
Tgt Ion:168 Resp: 16914
Ion Ratio Lower Upper
168 100
99 41.3 36.7 55.1



#5
Bromomethane
Concen: 1.522 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 182.4 75.8 113.8#

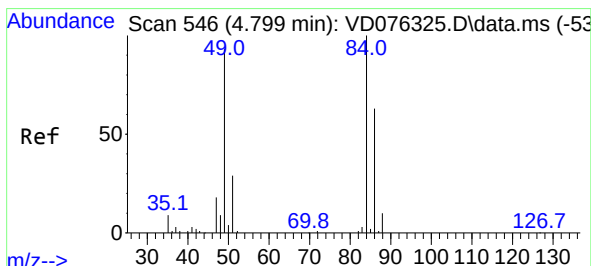
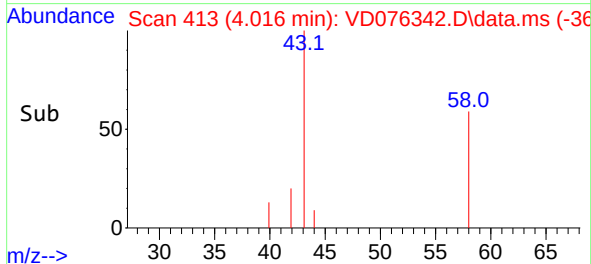
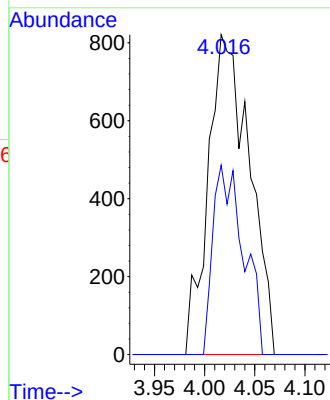
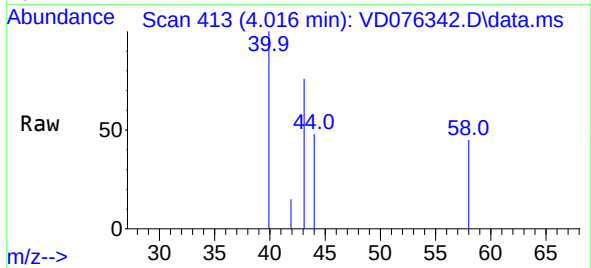




#16
Acetone
Concen: 84.444 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

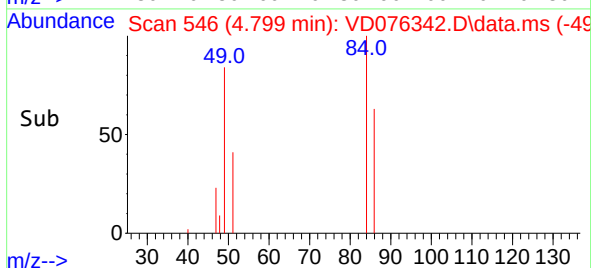
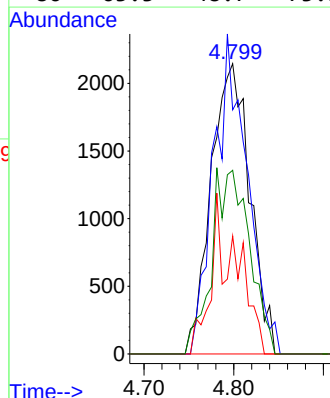
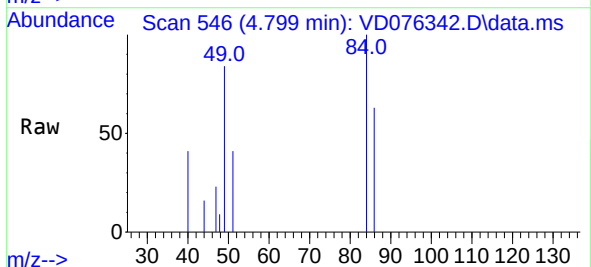
Instrument :
MSVOA_D
ClientSampleId :
SB32A

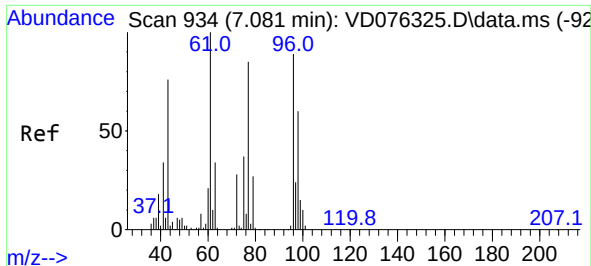
Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
58 59.2 34.7 52.1#



#20
Methylene Chloride
Concen: 25.492 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion: 84 Resp: 6430
Ion Ratio Lower Upper
84 100
49 84.1 71.4 107.2
51 40.7 24.5 36.7#
86 63.3 48.7 73.1

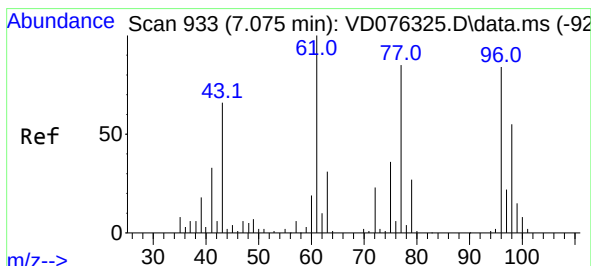
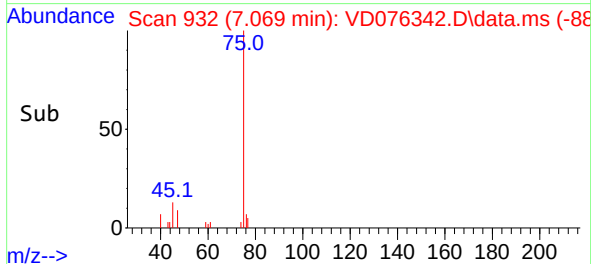
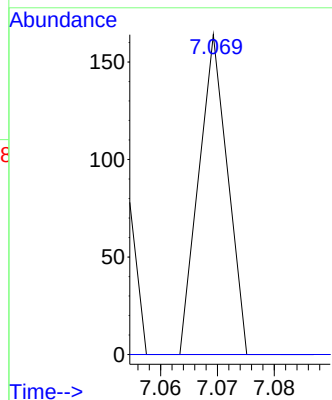
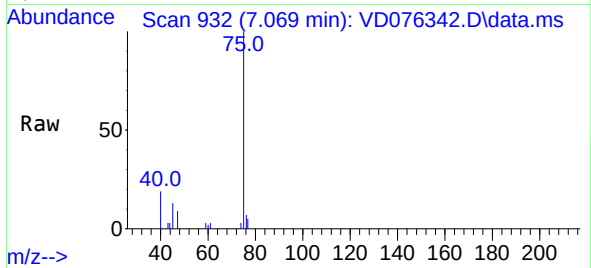




#25
2-Butanone
Concen: 1.509 ug/l
RT: 7.069 min Scan# 912
Delta R.T. -0.012 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

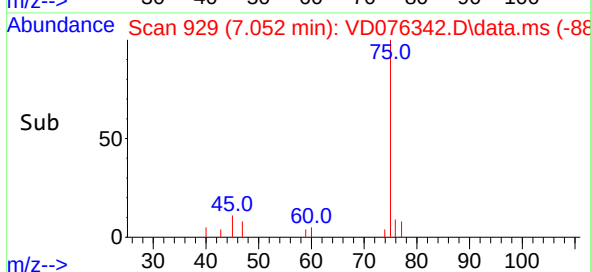
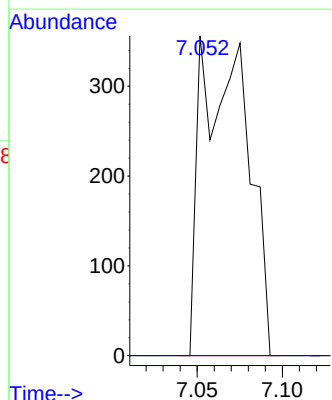
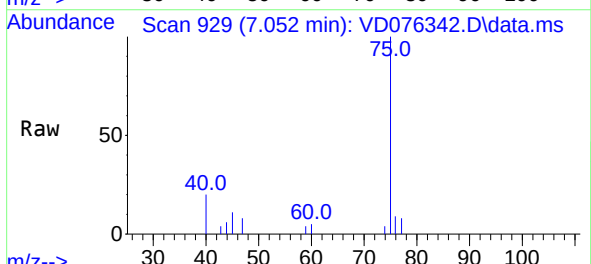
Instrument :
MSVOA_D
ClientSampleId :
SB32A

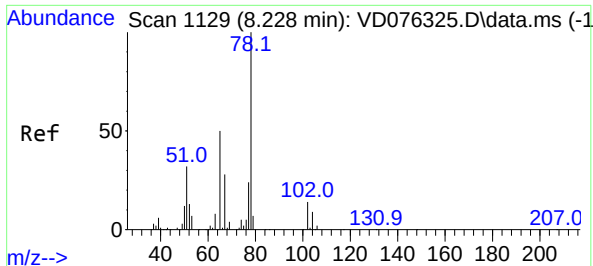
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 2.449 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.024 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion: 77 Resp: 674
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#





#33

1,2-Dichloroethane-d4

Concen: 140.166 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076342.D

Acq: 06 Jun 2023 16:02

Instrument :

MSVOA_D

ClientSampleId :

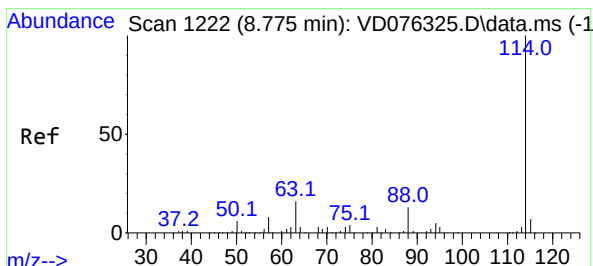
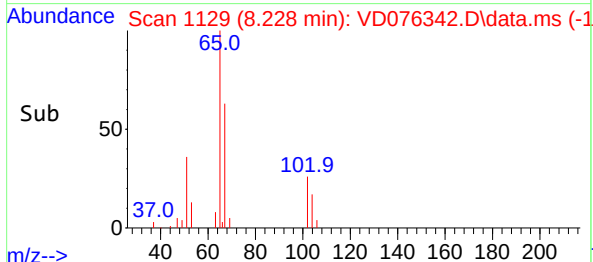
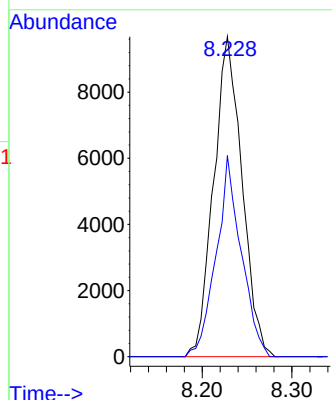
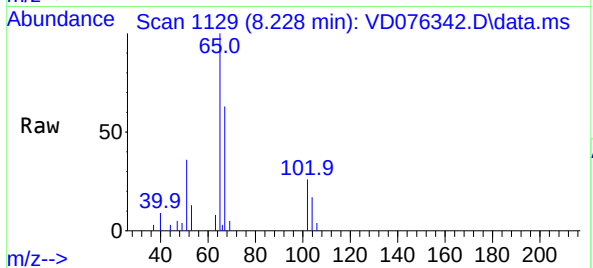
SB32A

Tgt Ion: 65 Resp: 21242

Ion Ratio Lower Upper

65 100

67 55.4 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: VD076342.D

Acq: 06 Jun 2023 16:02

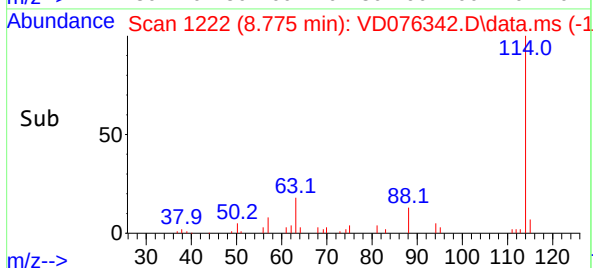
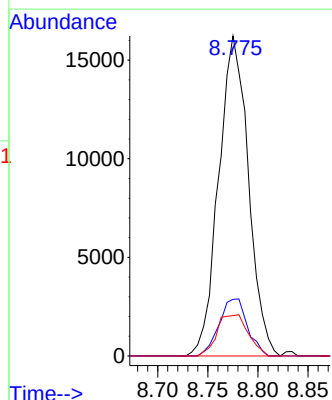
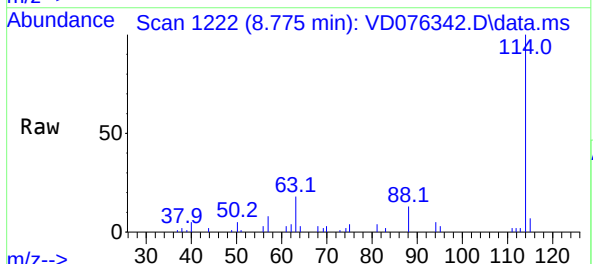
Tgt Ion: 114 Resp: 33494

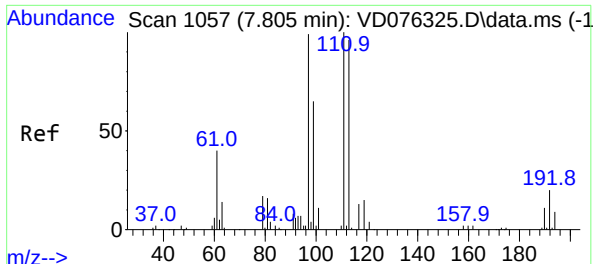
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.6 0.0 26.2

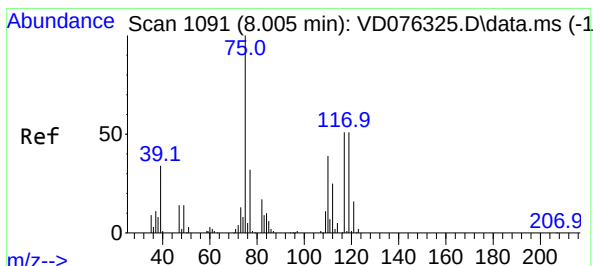
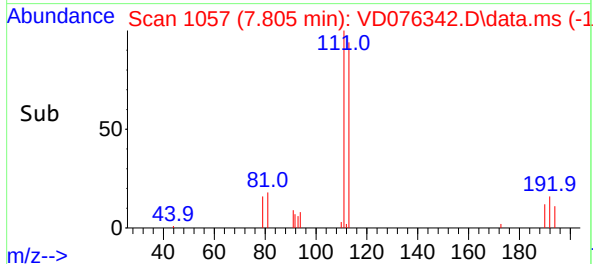
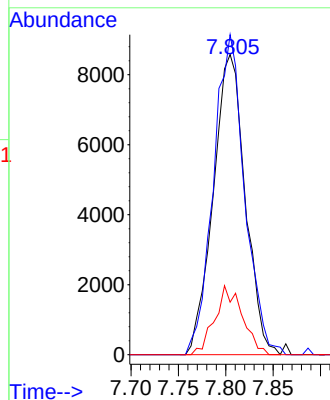
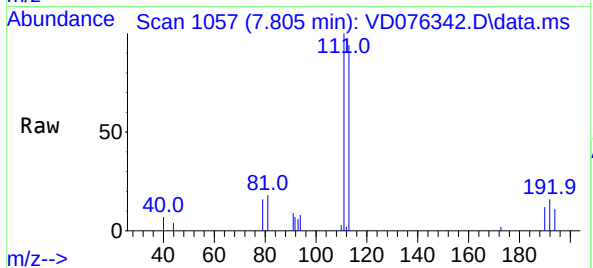




#35
Dibromofluoromethane
Concen: 94.900 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

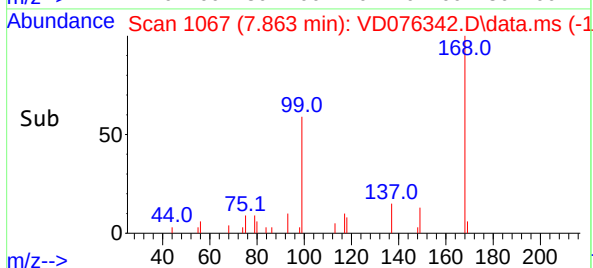
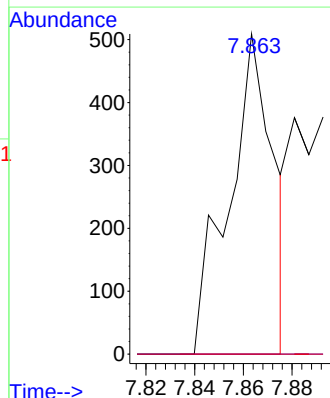
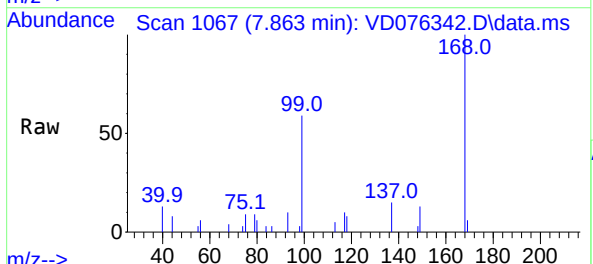
Instrument :
MSVOA_D
ClientSampleId :
SB32A

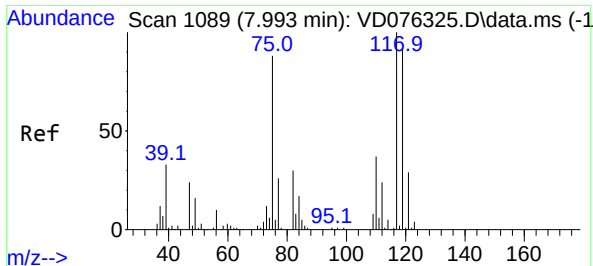
Tgt Ion:	113	Resp:	20182
Ion	Ratio	Lower	Upper
113	100		
111	104.0	84.7	127.1
192	19.8	16.8	25.2



#36
1,1-Dichloropropene
Concen: 2.118 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

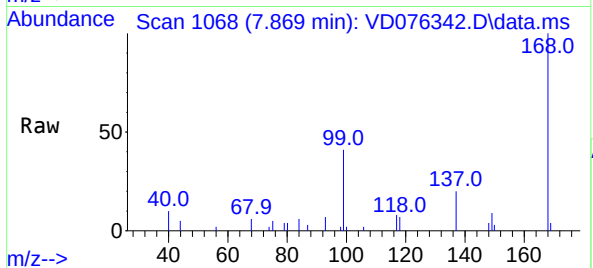
Tgt Ion:	75	Resp:	647
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.6#
77	0.0	24.7	37.1#



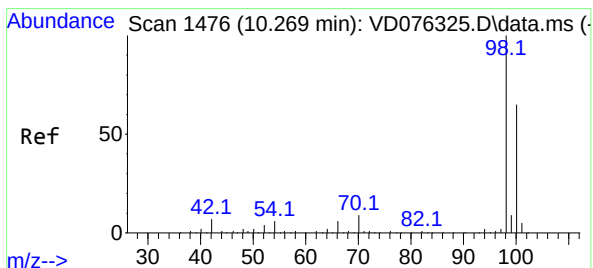
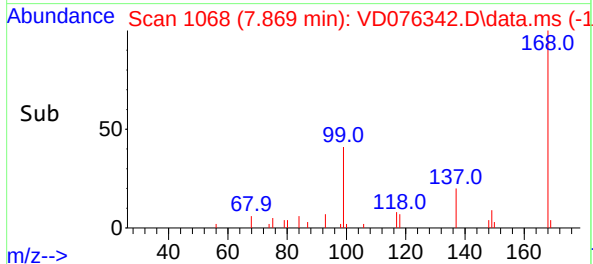
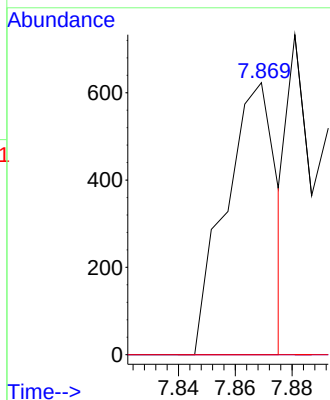


#38
Carbon Tetrachloride
Concen: 2.890 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Instrument :
MSVOA_D
ClientSampleId :
SB32A

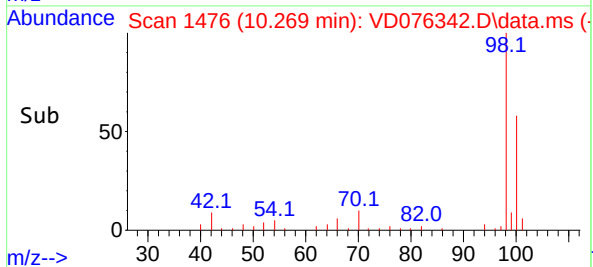
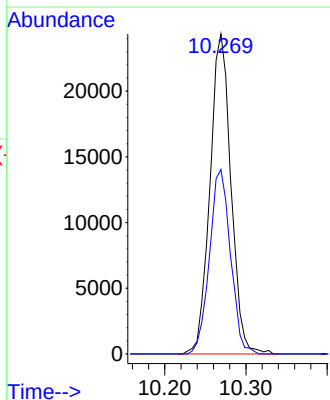
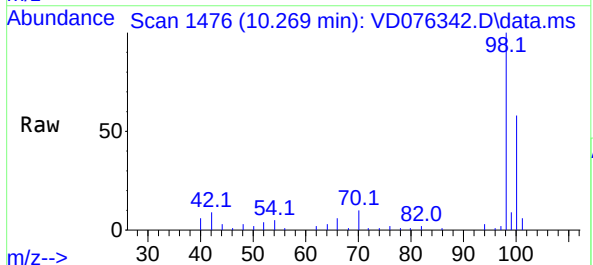


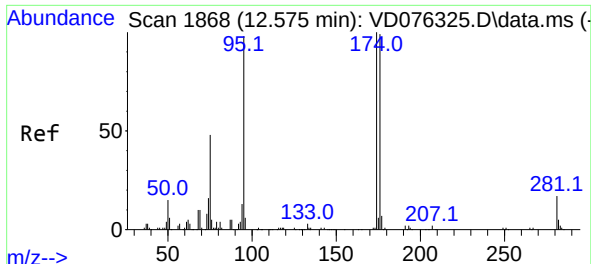
Tgt Ion:117 Resp: 774
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.606 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion: 98 Resp: 43696
Ion Ratio Lower Upper
98 100
100 57.6 50.3 75.5

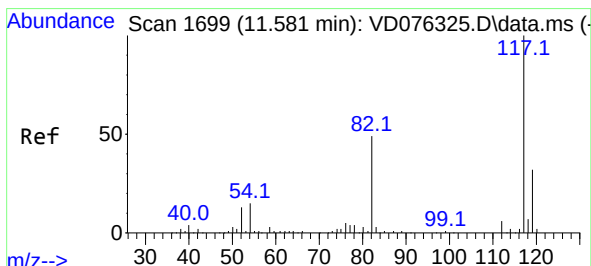
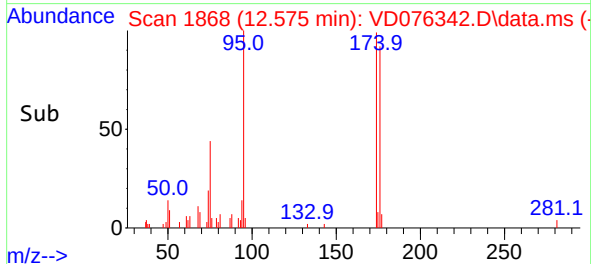
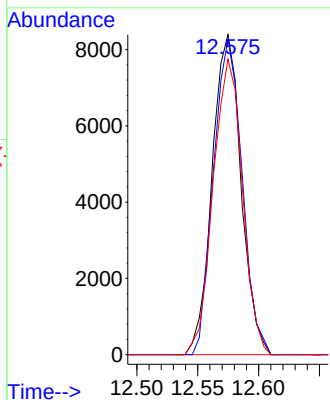
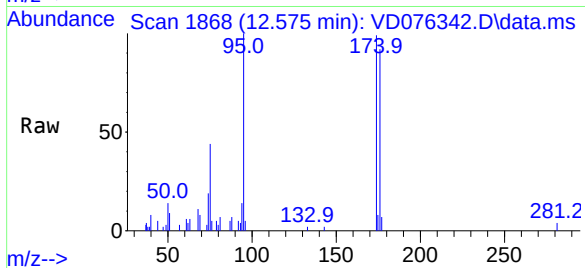




#62
4-Bromofluorobenzene
Concen: 61.925 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

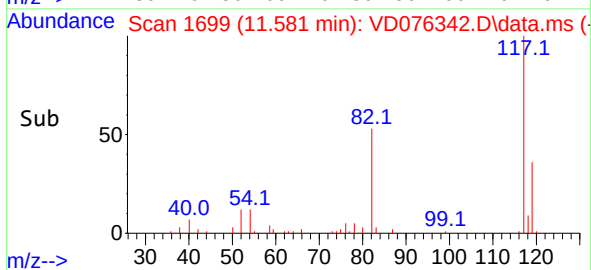
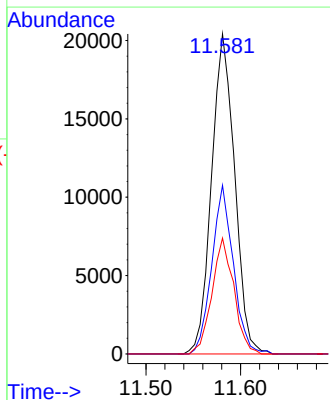
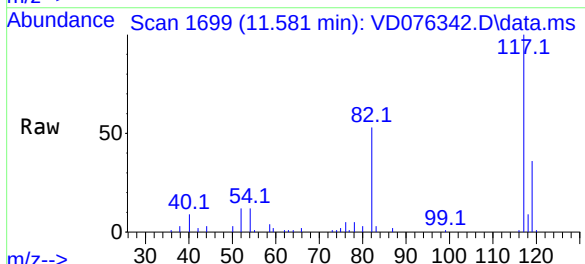
Instrument :
MSVOA_D
ClientSampleId :
SB32A

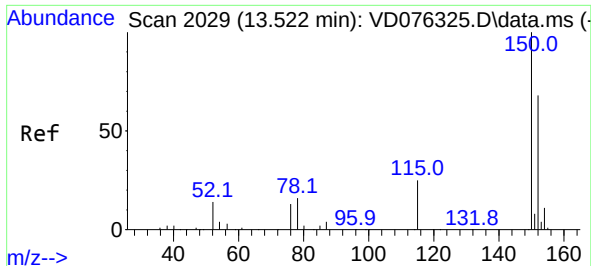
Tgt Ion:	95	Resp:	13876
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	201.8
176	93.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion:	117	Resp:	34646
Ion	Ratio	Lower	Upper
117	100		
82	52.7	38.3	57.5
119	36.2	25.0	37.4

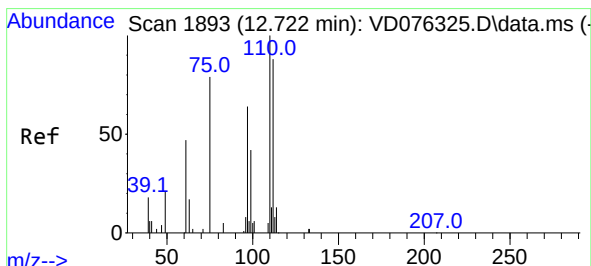
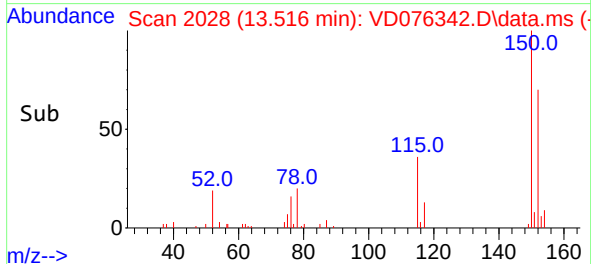
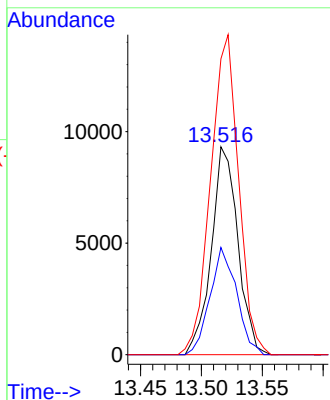
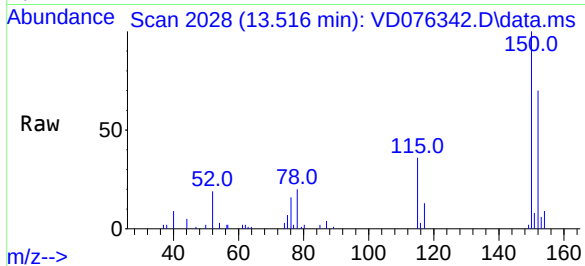




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076342.D
 Acq: 06 Jun 2023 16:02

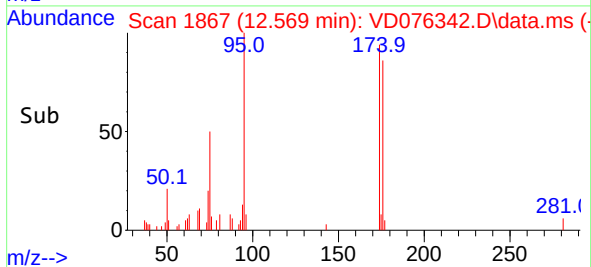
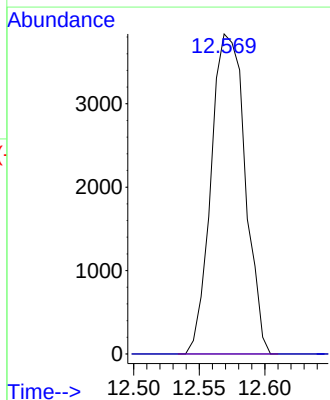
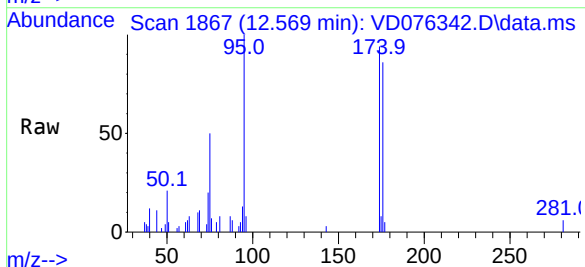
Instrument :
 MSVOA_D
 ClientSampleId :
 SB32A

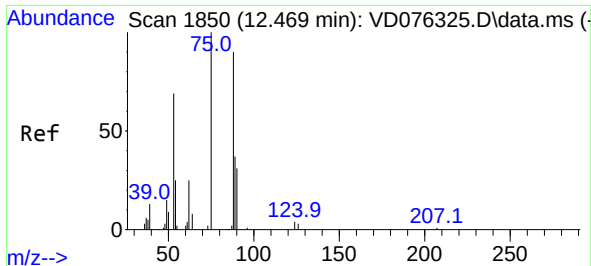
Tgt Ion:152 Resp: 14144
 Ion Ratio Lower Upper
 152 100
 115 51.8 27.1 81.3
 150 162.3 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 52.526 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076342.D
 Acq: 06 Jun 2023 16:02

Tgt Ion: 75 Resp: 6935
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

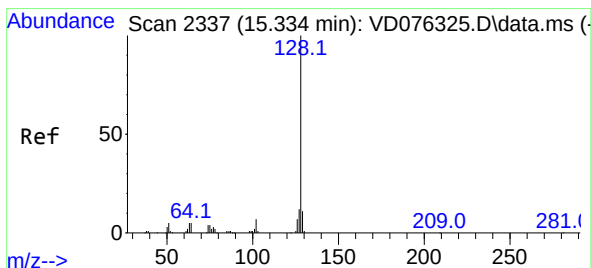
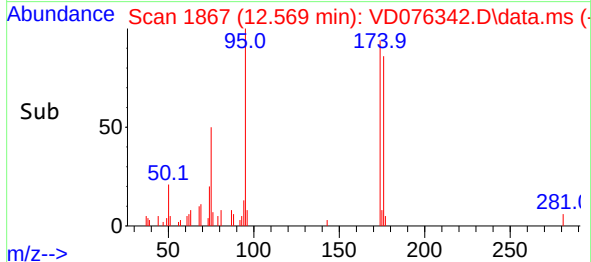
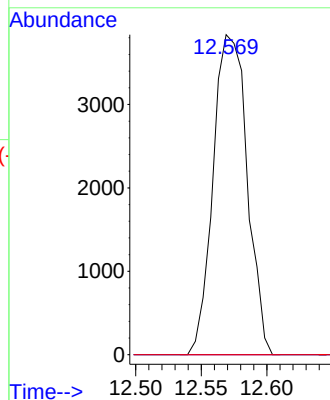
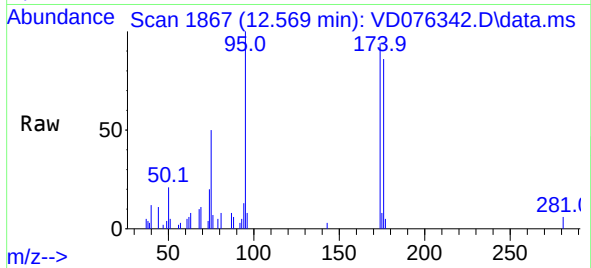




#81
trans-1,4-Dichloro-2-butene
Concen: 125.804 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Instrument :
MSVOA_D
ClientSampleId :
SB32A

Tgt Ion: 75 Resp: 6935
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 4.285 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076342.D
Acq: 06 Jun 2023 16:02

Tgt Ion:128 Resp: 537
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

