

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076340.D
 Acq On : 06 Jun 2023 15:01
 Operator : KP/SY
 Sample : 03050-04
 Misc : 5.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-23-0A

Quant Time: Jun 07 06:11:05 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)

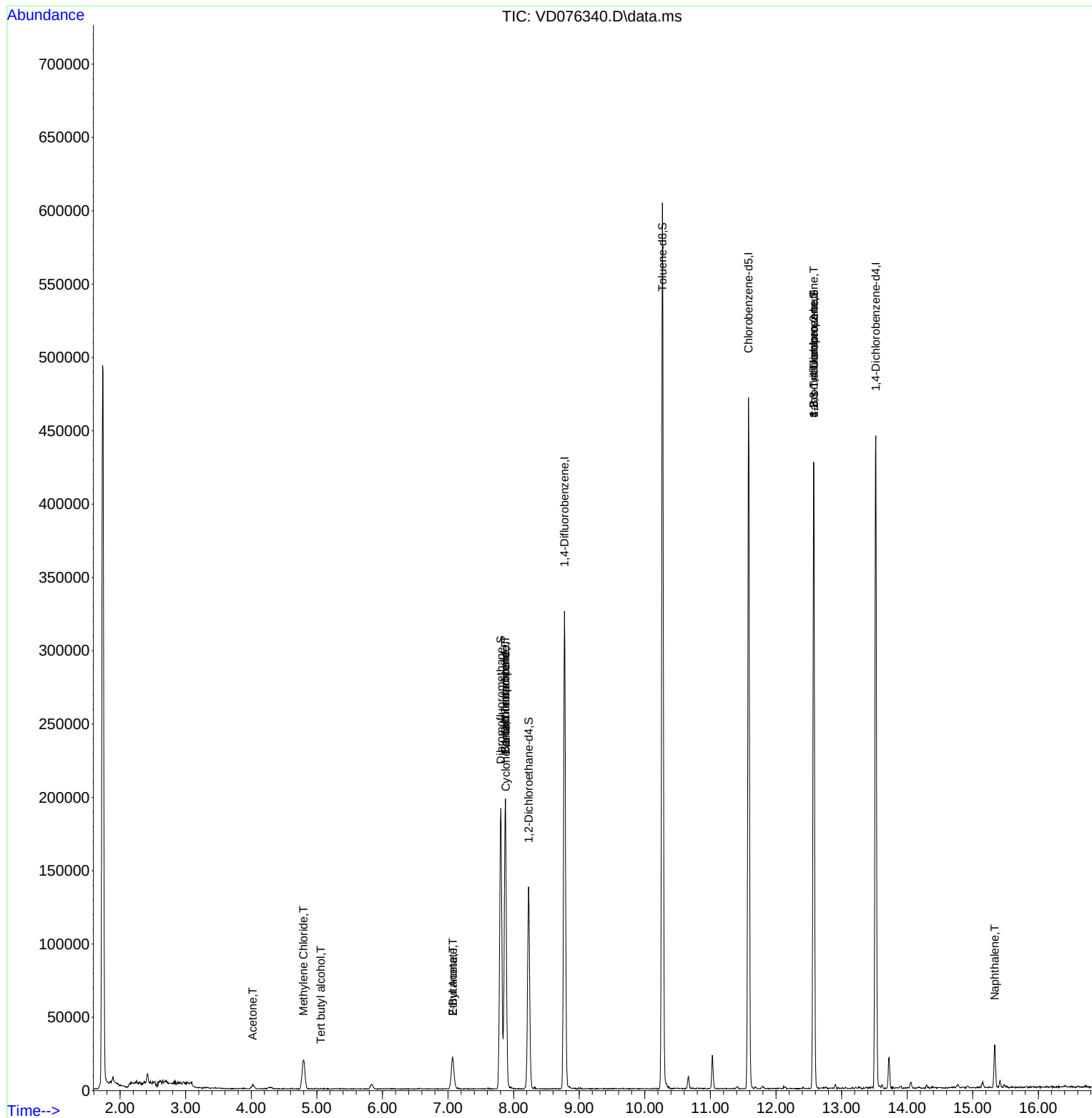
Internal Standards						
1) Pentafluorobenzene	7.875	168	166065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	132546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101503	68.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.440%			
35) Dibromofluoromethane	7.805	113	139274	69.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 138.260%			
50) Toluene-d8	10.269	98	439241	54.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.575	95	127025	59.840	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.680%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.058	59	277	3.331	ug/l #	73
16) Acetone	4.022	43	4668	17.128	ug/l #	77
20) Methylene Chloride	4.793	84	17653	3.768	ug/l	95
25) 2-Butanone	7.075	43	2127	5.636	ug/l #	83
31) Cyclohexane	7.881	56	2935	1.175	ug/l #	34
36) 1,1-Dichloropropene	7.875	75	12470	4.308	ug/l #	46
37) Ethyl Acetate	7.075	43	2127	2.227	ug/l #	33
38) Carbon Tetrachloride	7.875	117	14368	5.663	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	63602	51.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63602	123.119	ug/l #	17
95) Naphthalene	15.334	128	25793	8.381	ug/l	99

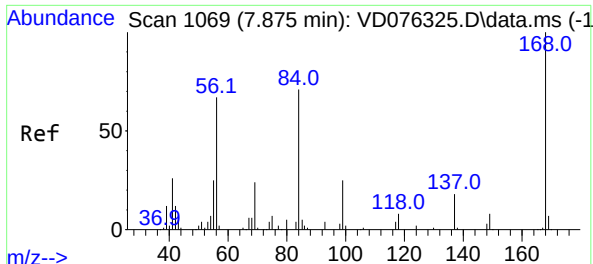
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 06:11:05 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

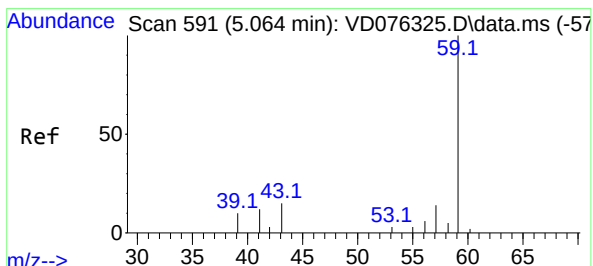
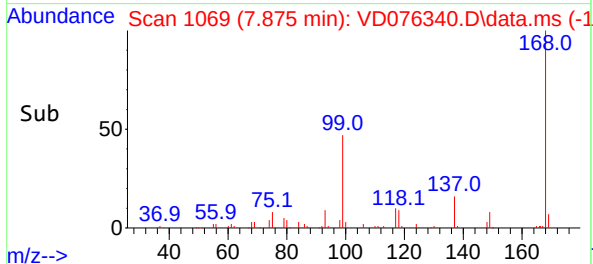
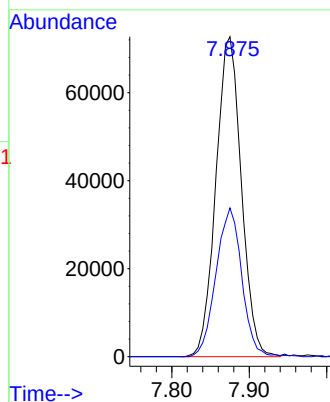
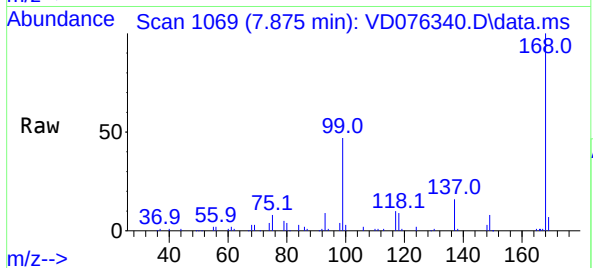




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

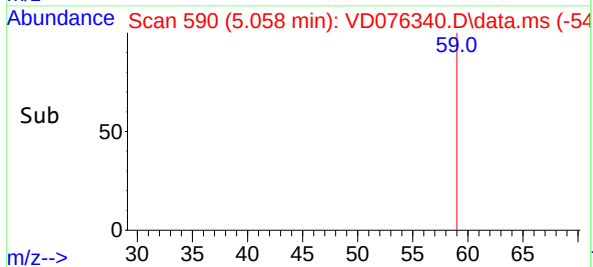
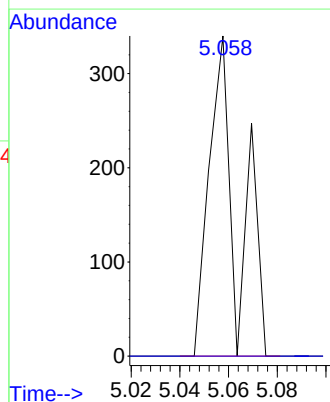
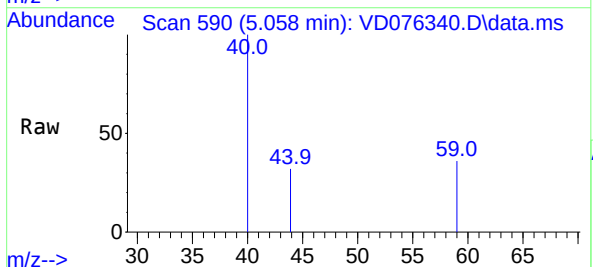
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

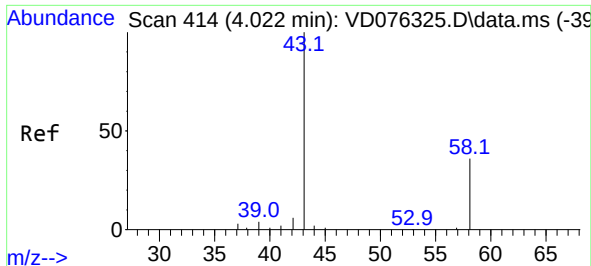
Tgt Ion:168 Resp: 166065
Ion Ratio Lower Upper
168 100
99 46.5 36.7 55.1



#11
Tert butyl alcohol
Concen: 3.331 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.006 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

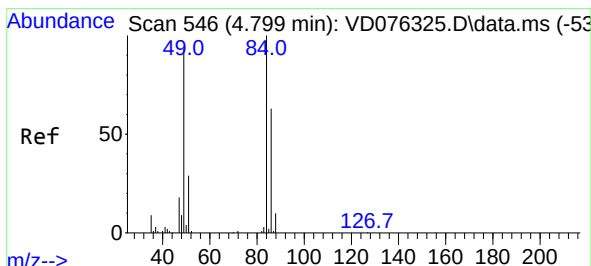
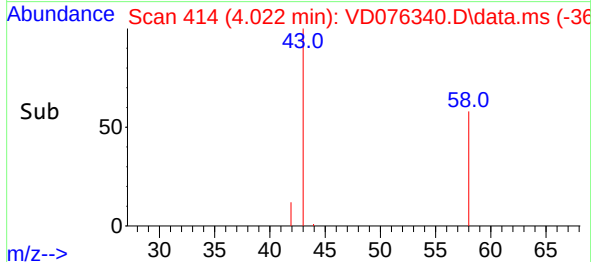
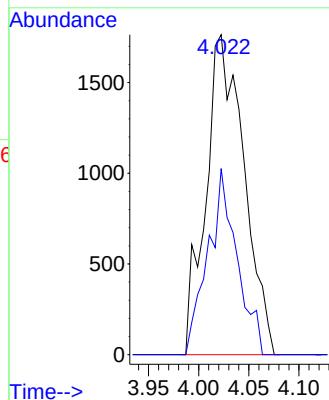
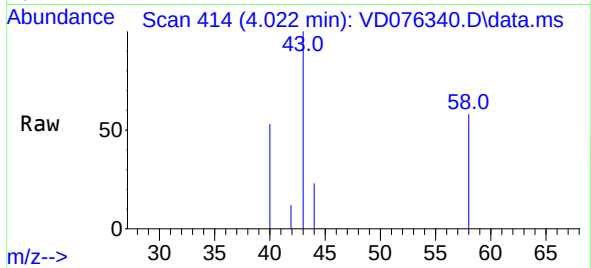




#16
Acetone
Concen: 17.128 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

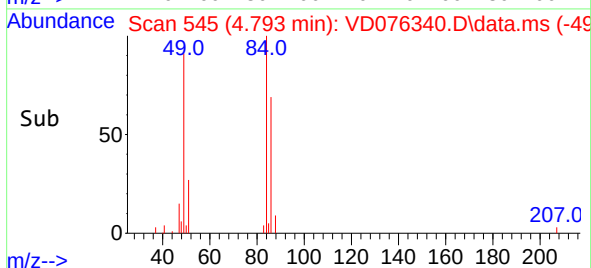
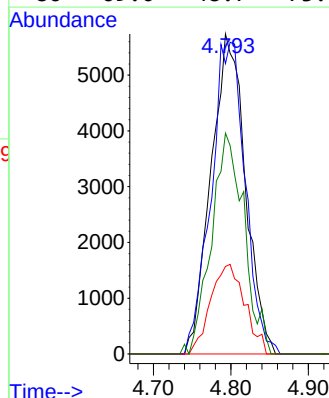
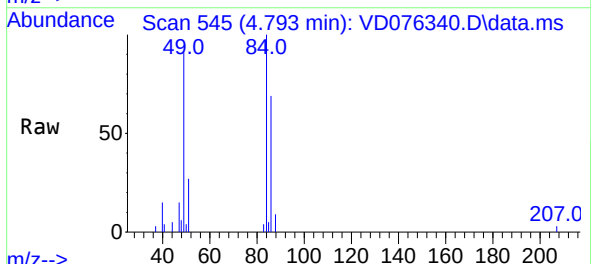
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

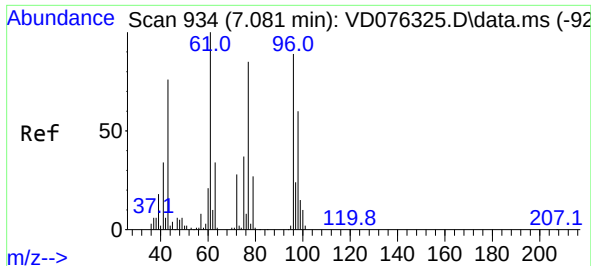
Tgt Ion: 43 Resp: 4668
Ion Ratio Lower Upper
43 100
58 58.2 34.7 52.1#



#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 84 Resp: 17653
Ion Ratio Lower Upper
84 100
49 90.7 71.4 107.2
51 27.4 24.5 36.7
86 69.0 48.7 73.1

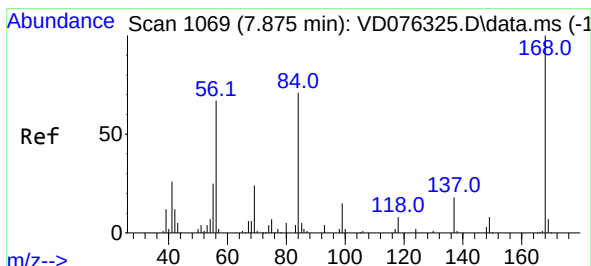
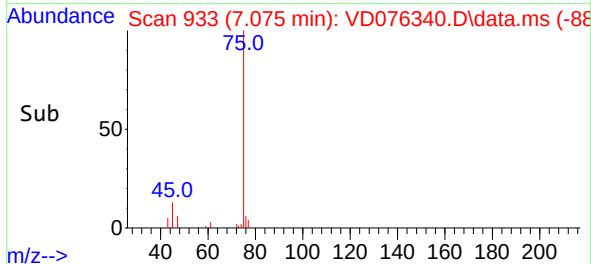
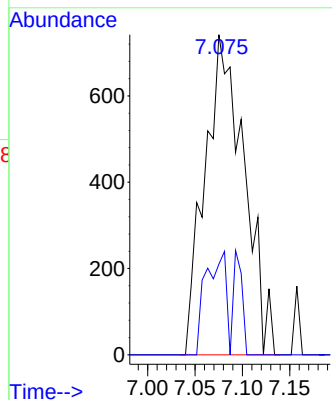
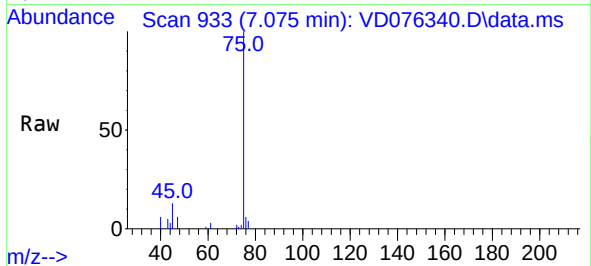




#25
2-Butanone
Concen: 5.636 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

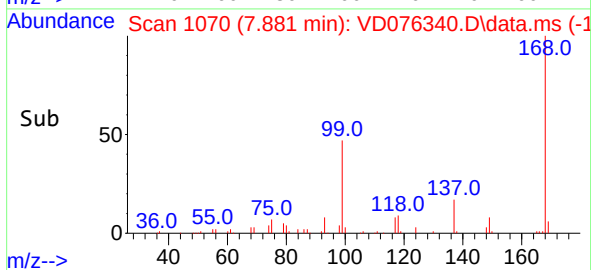
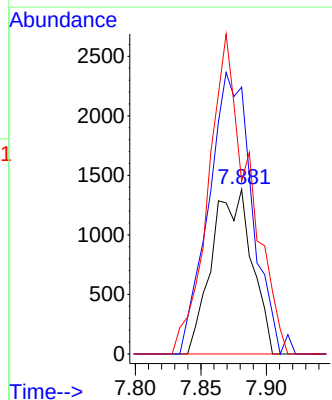
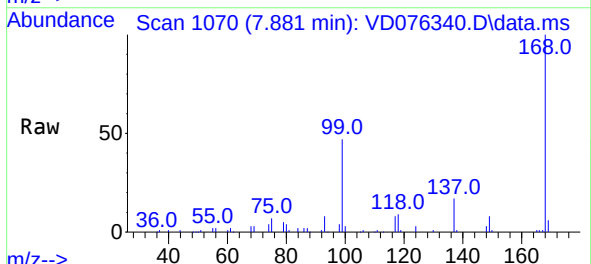
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

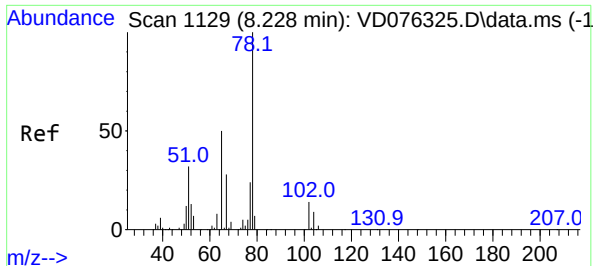
Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
72 28.3 30.7 46.1#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 56 Resp: 2935
Ion Ratio Lower Upper
56 100
69 162.1 28.6 43.0#
84 89.6 84.8 127.2

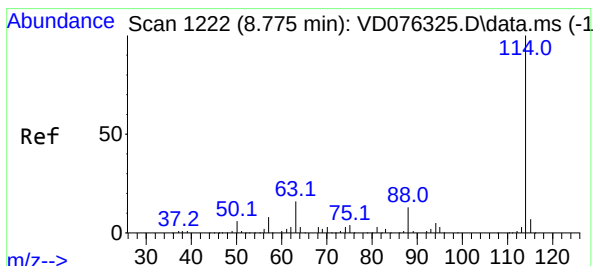
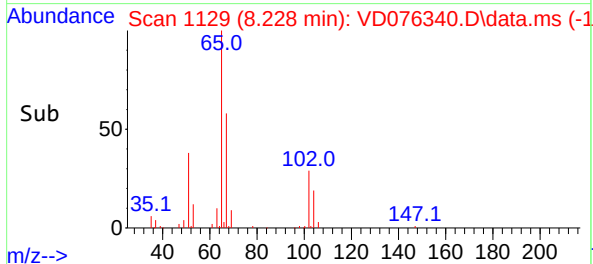
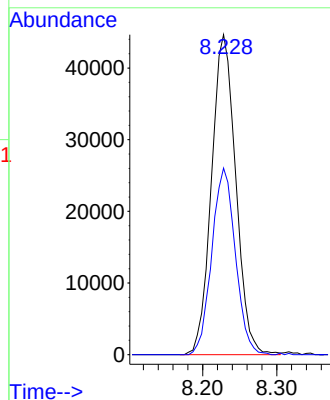
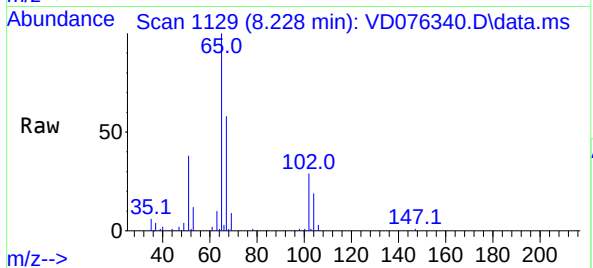




#33
1,2-Dichloroethane-d4
Concen: 68.217 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

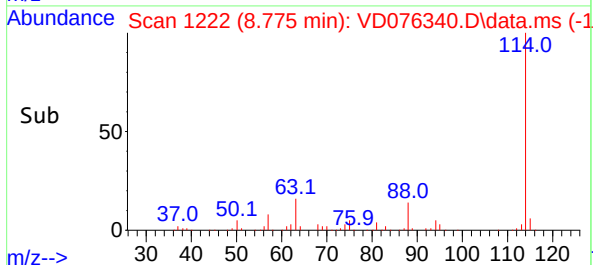
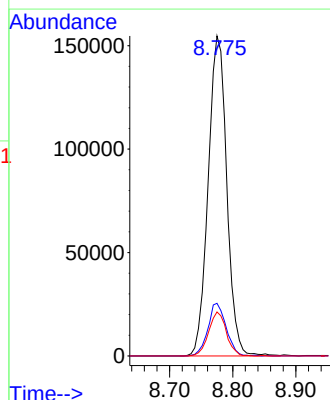
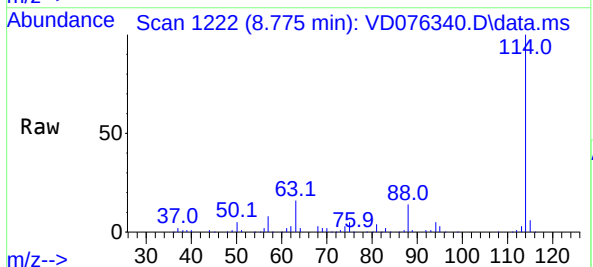
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

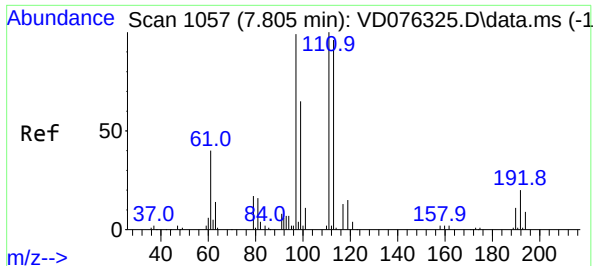
Tgt Ion: 65 Resp: 101503
Ion Ratio Lower Upper
65 100
67 56.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 114 Resp: 317296
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 13.8 0.0 26.2

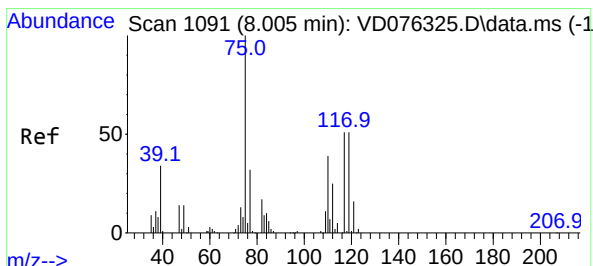
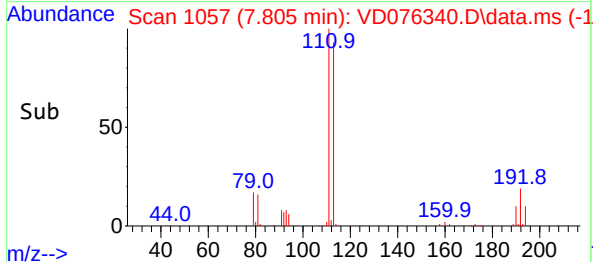
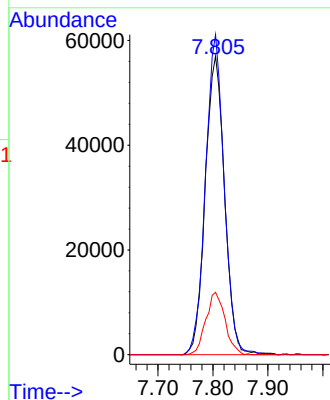
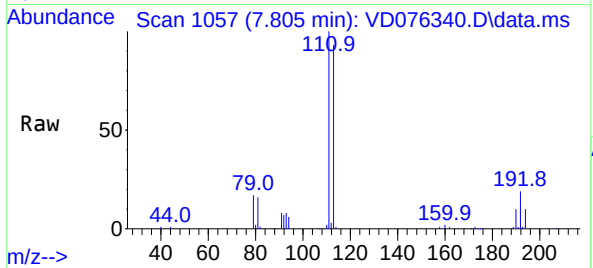




#35
Dibromofluoromethane
Concen: 69.131 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

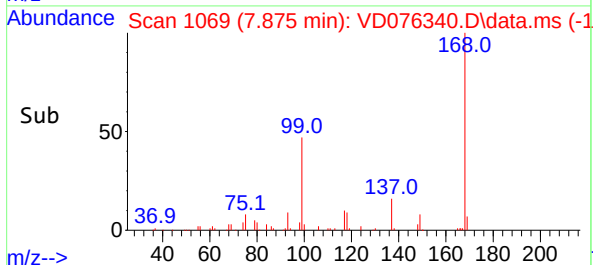
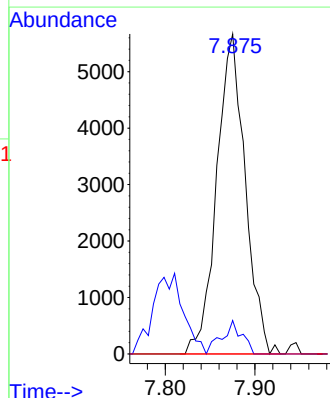
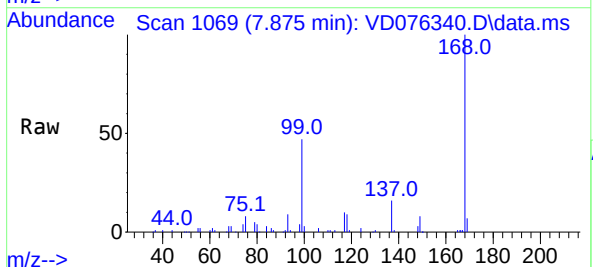
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

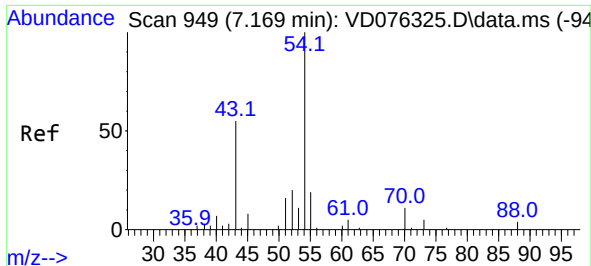
Tgt Ion:113 Resp: 139274
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.308 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 75 Resp: 12470
Ion Ratio Lower Upper
75 100
110 7.3 19.9 59.6#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.227 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD076340.D

Acq: 06 Jun 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

TP-23-0A

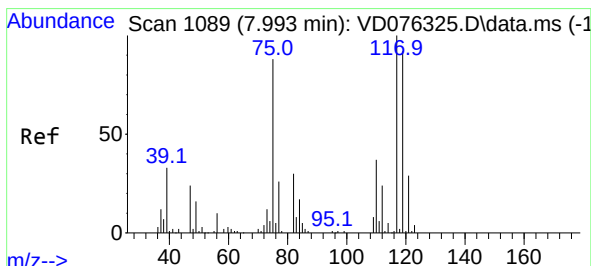
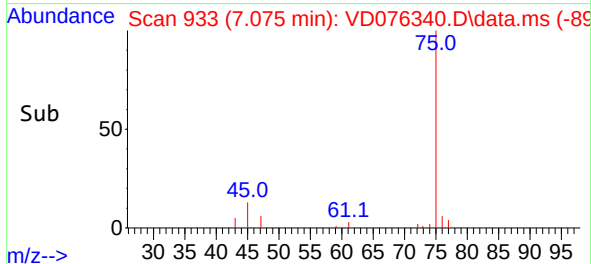
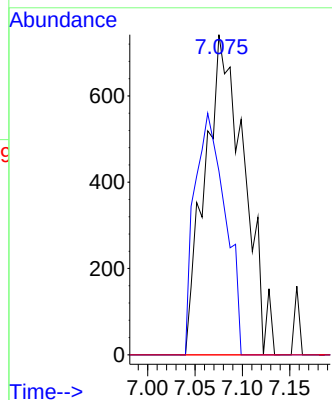
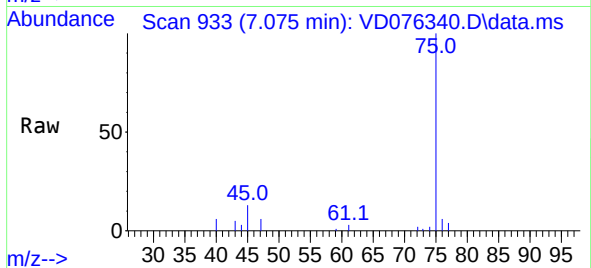
Tgt Ion: 43 Resp: 2127

Ion Ratio Lower Upper

43 100

61 59.0 14.9 22.3#

70 0.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 5.663 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076340.D

Acq: 06 Jun 2023 15:01

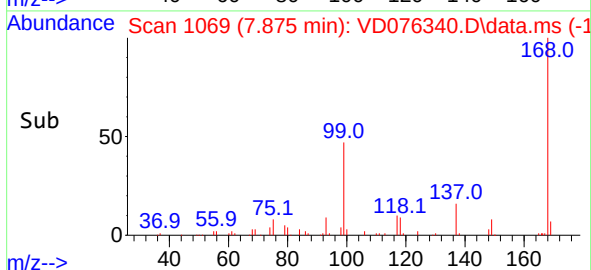
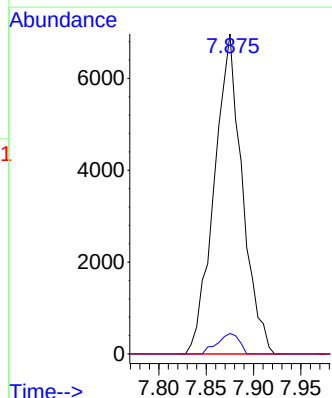
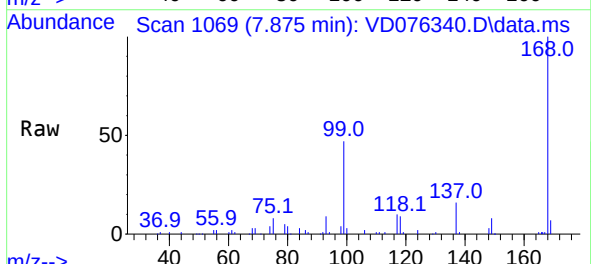
Tgt Ion: 117 Resp: 14368

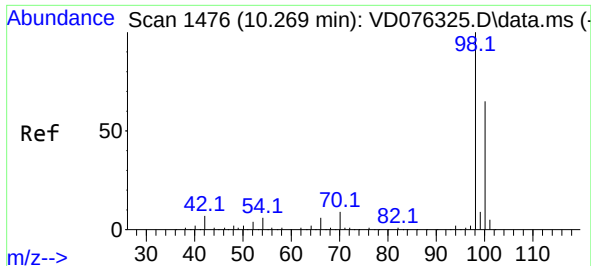
Ion Ratio Lower Upper

117 100

119 6.4 78.0 117.0#

121 0.0 24.2 36.2#

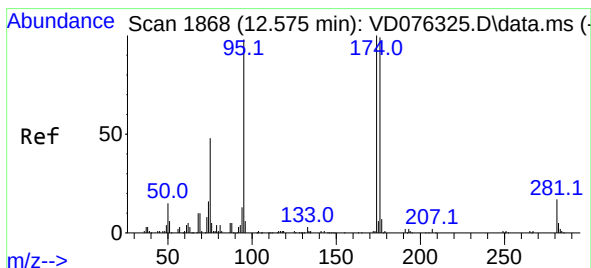
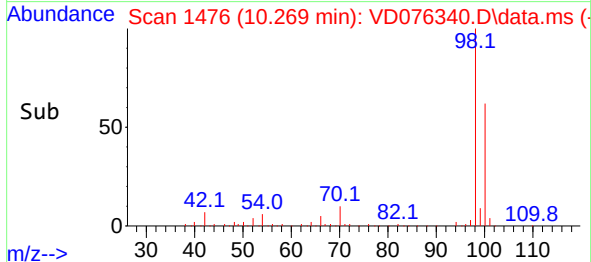
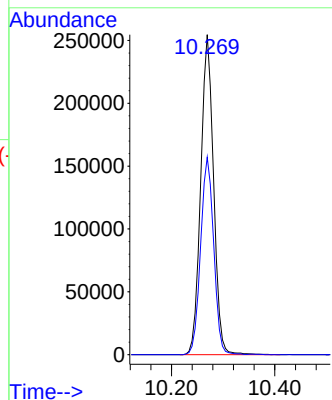
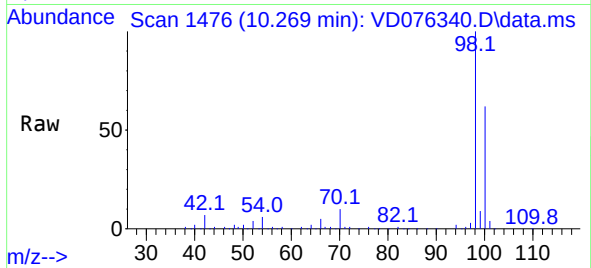




#50
Toluene-d8
Concen: 54.760 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

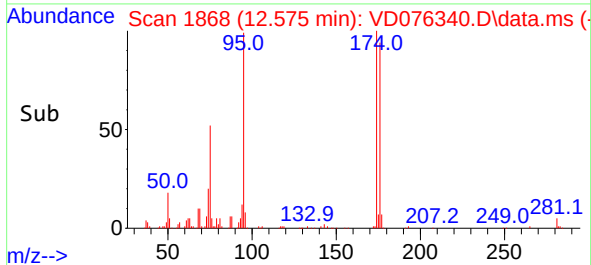
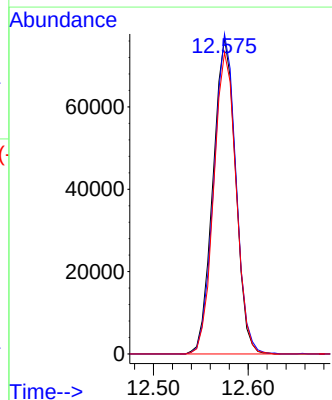
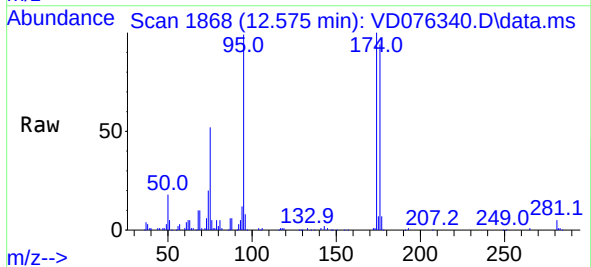
Instrument :
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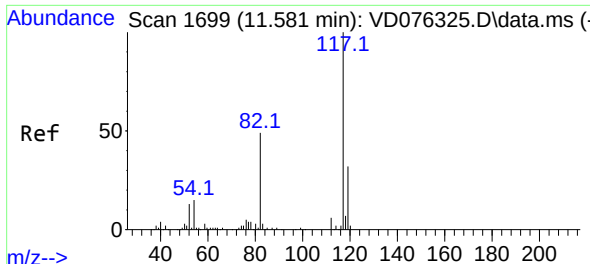
Tgt Ion: 98 Resp: 439241
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 95 Resp: 127025
Ion Ratio Lower Upper
95 100
174 99.2 0.0 201.8
176 94.3 0.0 191.8

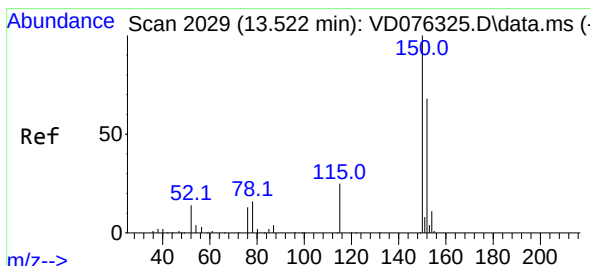
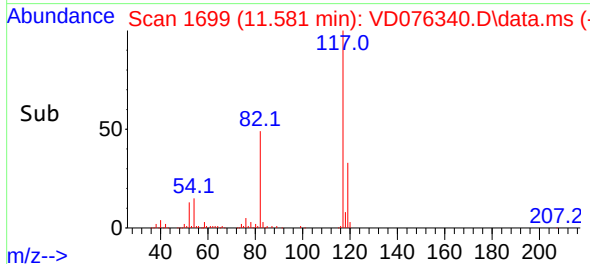
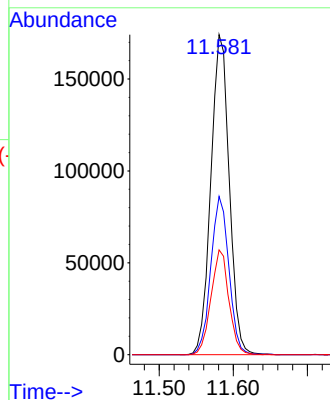
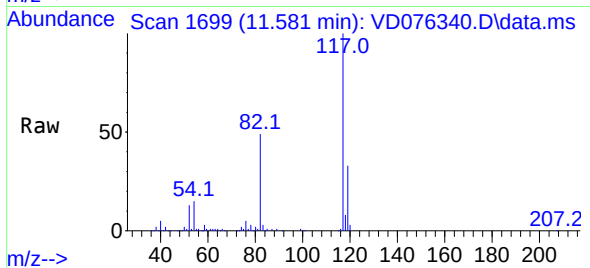




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

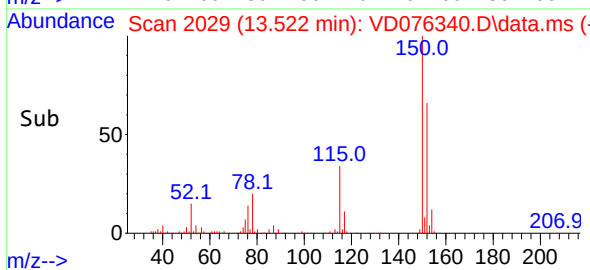
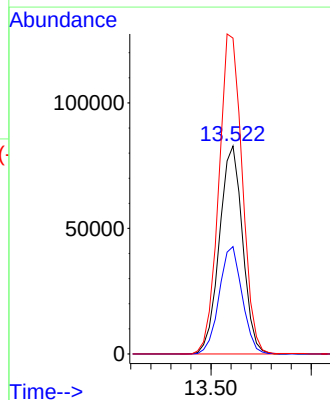
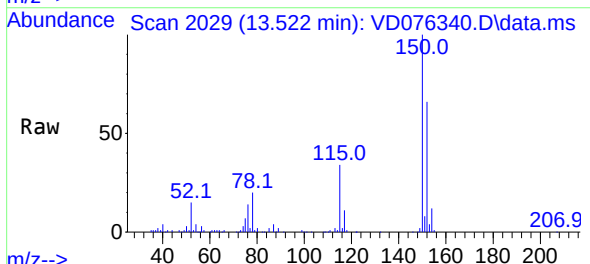
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

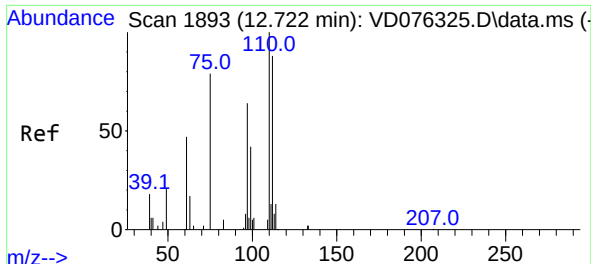
Tgt Ion:	117	Resp:	300088
Ion	Ratio	Lower	Upper
117	100		
82	49.4	38.3	57.5
119	32.7	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion:	152	Resp:	132546
Ion	Ratio	Lower	Upper
152	100		
115	51.3	27.1	81.3
150	155.6	0.0	353.6

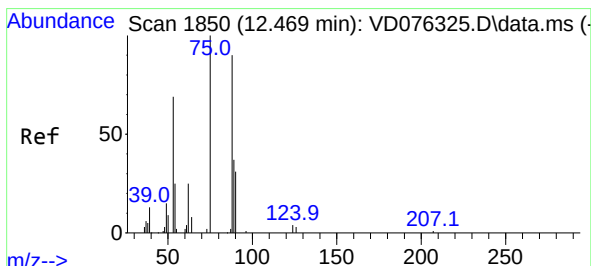
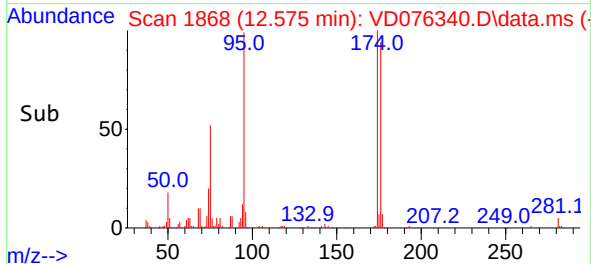
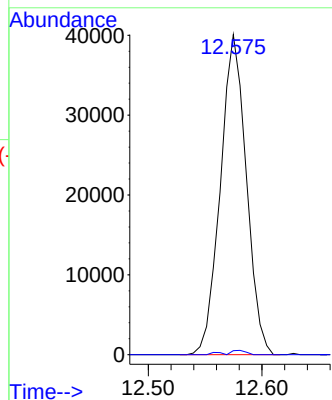
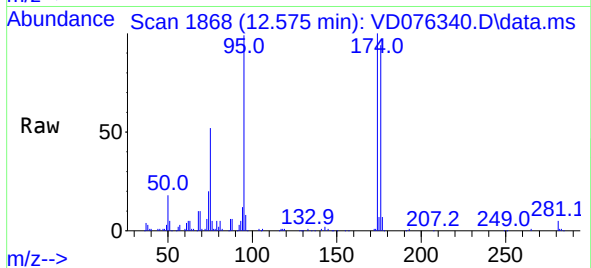




#76
1,2,3-Trichloropropane
Concen: 51.405 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

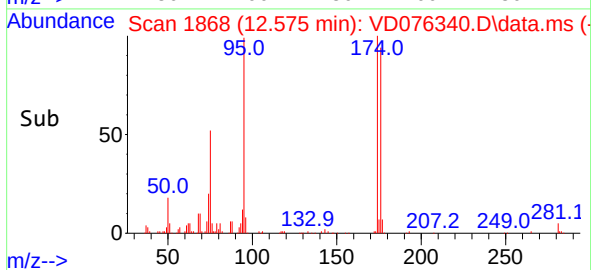
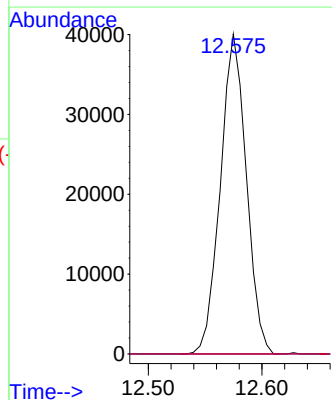
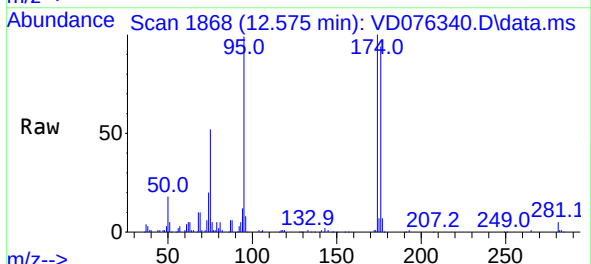
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

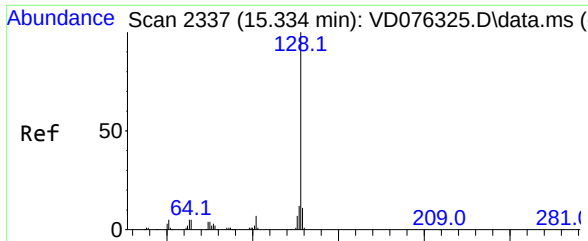
Tgt Ion: 75 Resp: 63602
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.119 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

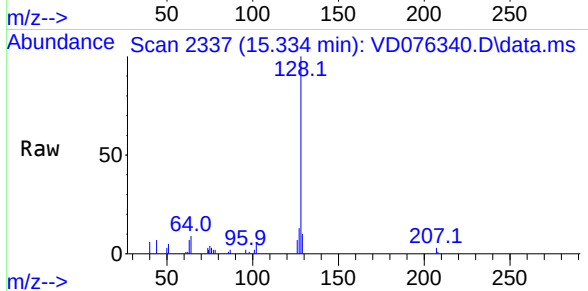
Tgt Ion: 75 Resp: 63602
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 8.381 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A



Tgt Ion:	128	Resp:	25793
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.5	8.7	13.1

