

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076173.D
 Acq On : 22 May 2023 13:23
 Operator : KP/SY
 Sample : 02825-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-051723RE

Quant Time: May 22 14:22:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

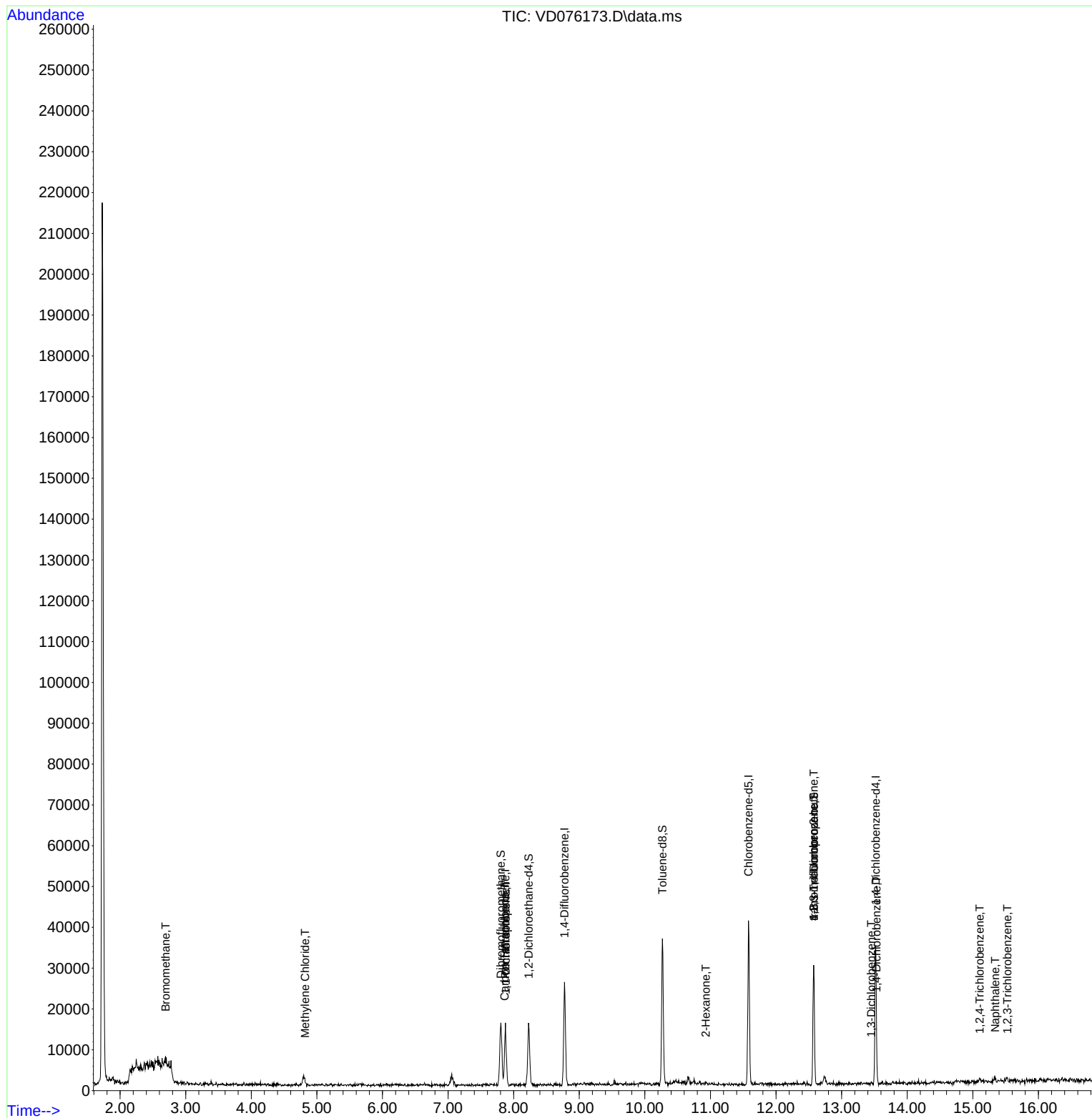
Internal Standards						
1) Pentafluorobenzene	7.875	168	11828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	24921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	26197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11287	98.736	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.480%#			
35) Dibromofluoromethane	7.804	113	11477	66.627	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 133.260%			
50) Toluene-d8	10.269	98	27693	41.240	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 82.480%			
62) 4-Bromofluorobenzene	12.575	95	9705	52.028	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	467	Below Cal	#	40
5) Bromomethane	2.693	94	1035	6.682	ug/l #	52
20) Methylene Chloride	4.822	84	2055	3.081	ug/l #	23
36) 1,1-Dichloropropene	7.881	75	697	2.996	ug/l #	42
38) Carbon Tetrachloride	7.863	117	851	4.050	ug/l #	13
59) 2-Hexanone	10.928	43	71	1.258	ug/l #	27
76) 1,2,3-Trichloropropane	12.575	75	4581	52.628	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	4581	110.405	ug/l #	5
87) 1,3-Dichlorobenzene	13.451	146	362	1.015	ug/l #	26
88) 1,4-Dichlorobenzene	13.534	146	424	1.201	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.104	180	422	2.318	ug/l #	48
95) Naphthalene	15.339	128	1060	3.134	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.528	180	460	2.779	ug/l #	70

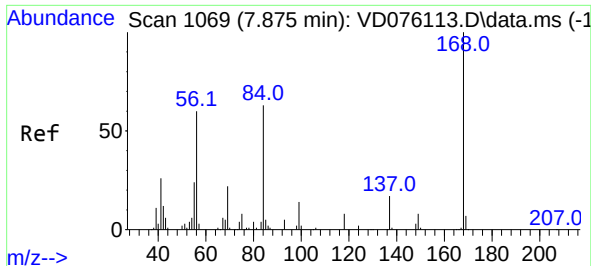
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
Data File : VD076173.D
Acq On : 22 May 2023 13:23
Operator : KP/SY
Sample : 02825-01RE
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

Quant Time: May 22 14:22:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

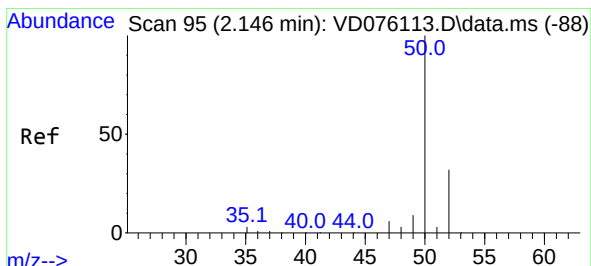
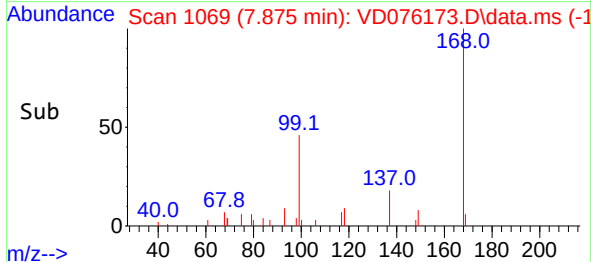
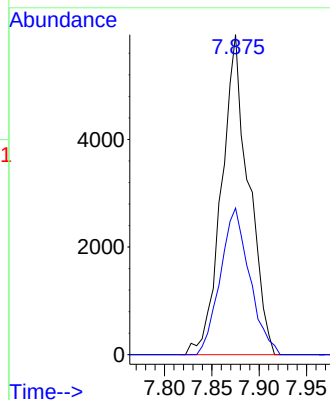
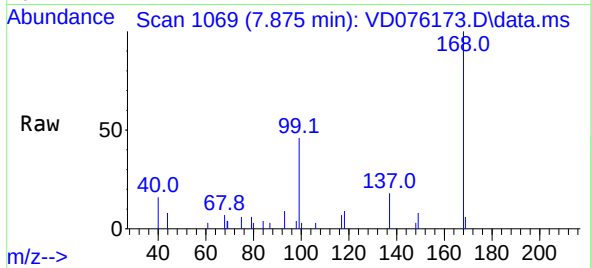




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

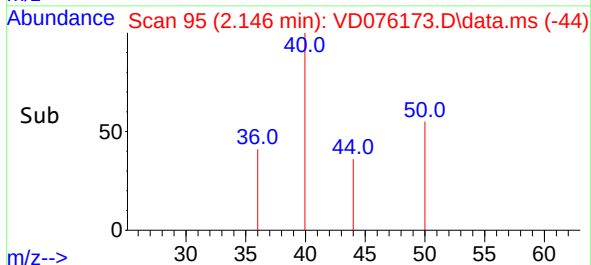
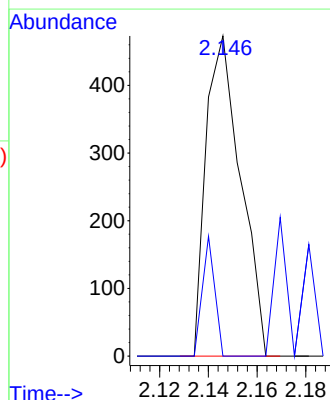
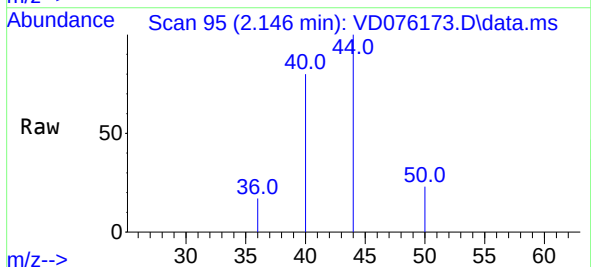
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

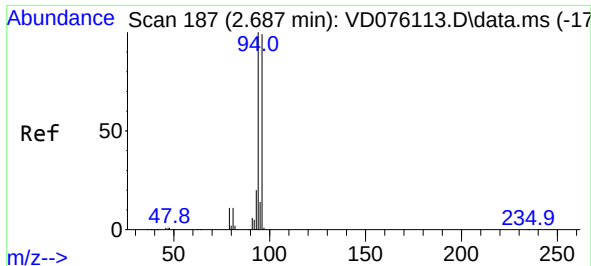
Tgt Ion:168 Resp: 11828
Ion Ratio Lower Upper
168 100
99 45.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

Tgt Ion: 50 Resp: 467
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

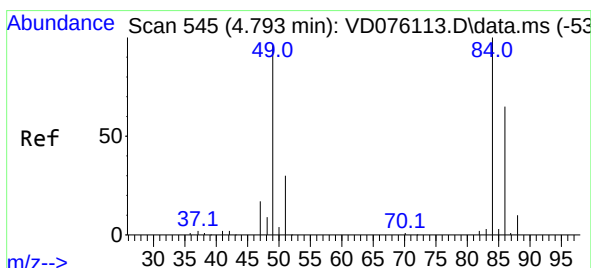
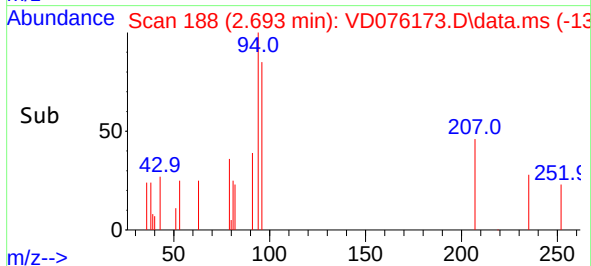
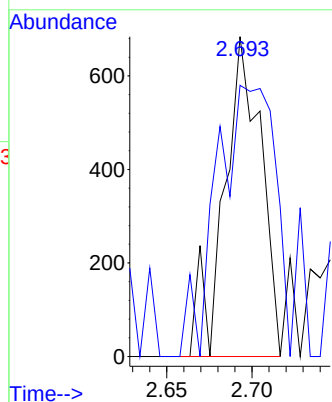
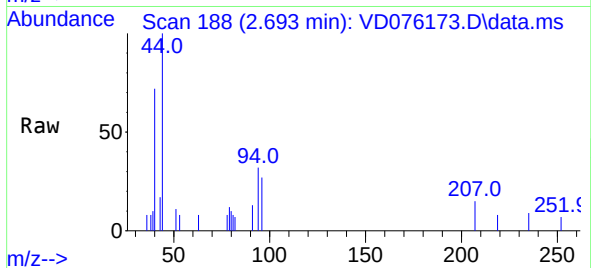




#5
Bromomethane
Concen: 6.682 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

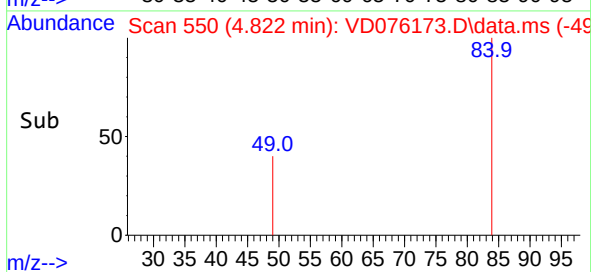
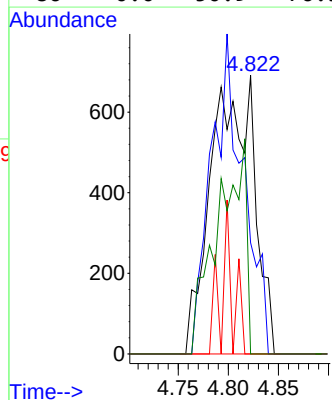
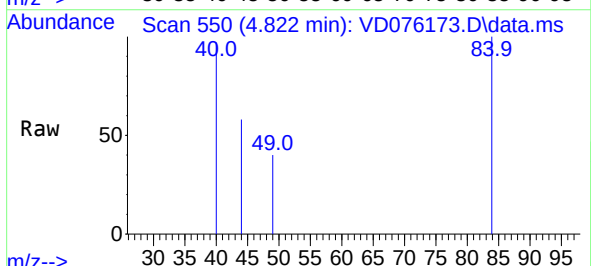
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

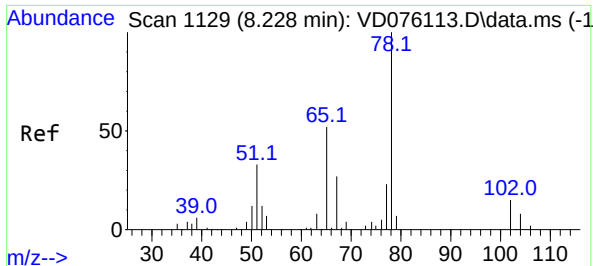
Tgt Ion: 94 Resp: 1035
Ion Ratio Lower Upper
94 100
96 143.9 77.5 116.3#



#20
Methylene Chloride
Concen: 3.081 ug/l
RT: 4.822 min Scan# 550
Delta R.T. 0.023 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

Tgt Ion: 84 Resp: 2055
Ion Ratio Lower Upper
84 100
49 39.9 106.4 159.6#
51 0.0 32.4 48.6#
86 0.0 50.9 76.3#





#33

1,2-Dichloroethane-d4

Concen: 98.736 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076173.D

Acq: 22 May 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

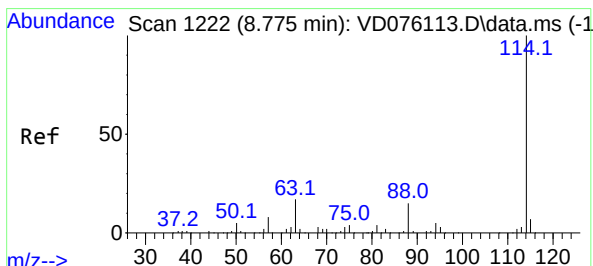
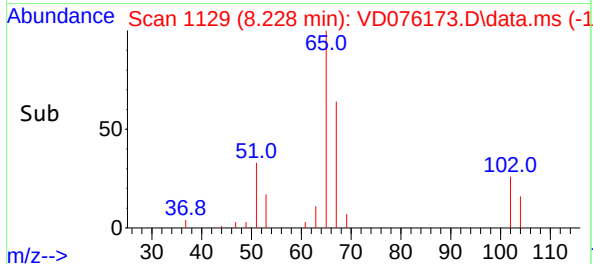
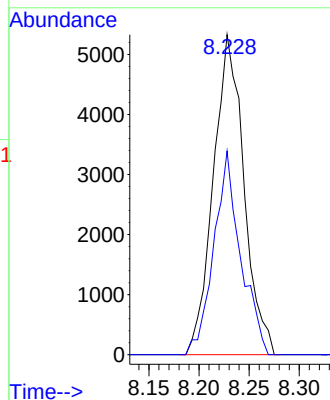
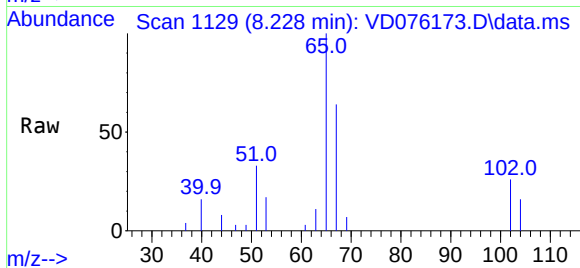
OK-01-051723RE

Tgt Ion: 65 Resp: 11287

Ion Ratio Lower Upper

65 100

67 55.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076173.D

Acq: 22 May 2023 13:23

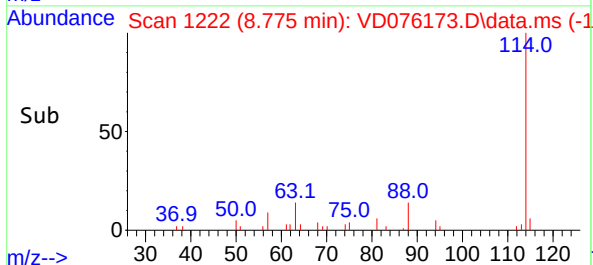
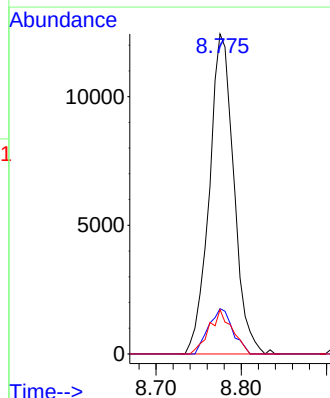
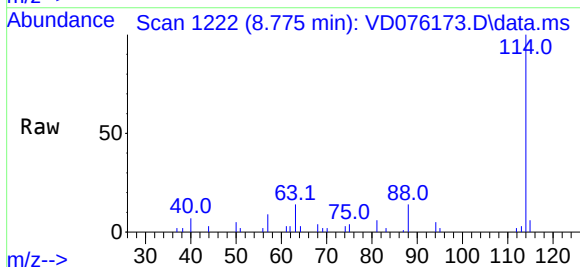
Tgt Ion: 114 Resp: 24921

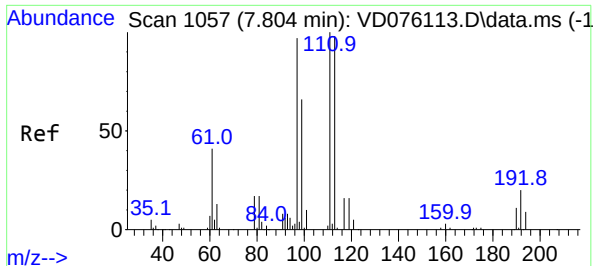
Ion Ratio Lower Upper

114 100

63 14.1 0.0 41.6

88 13.8 0.0 30.6

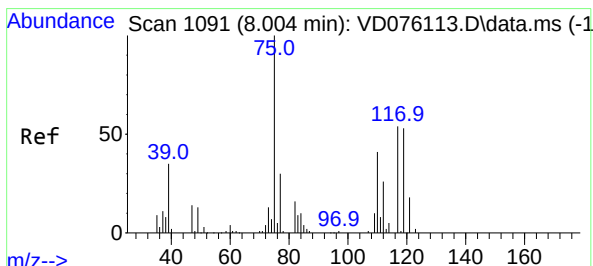
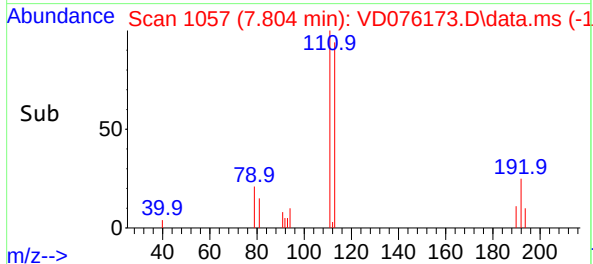
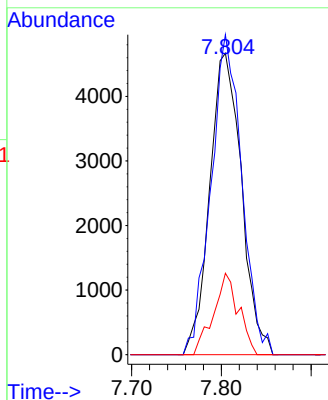
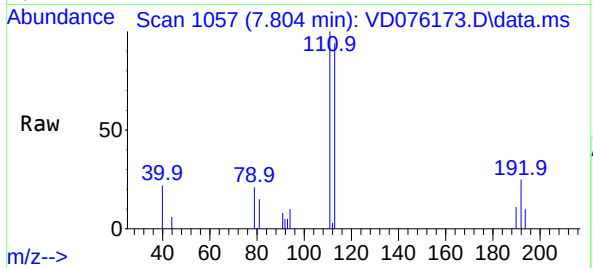




#35
Dibromofluoromethane
Concen: 66.627 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

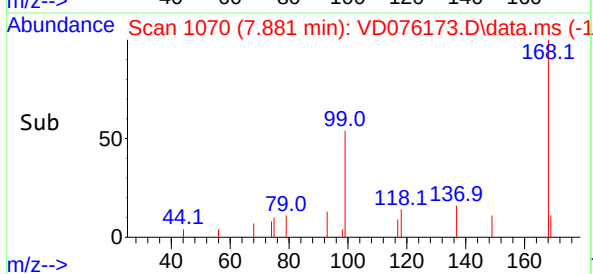
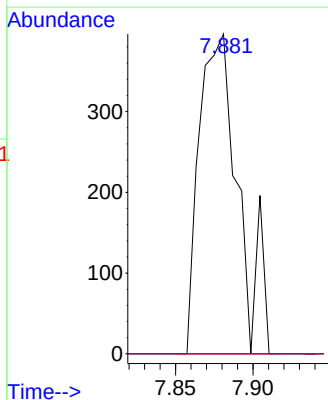
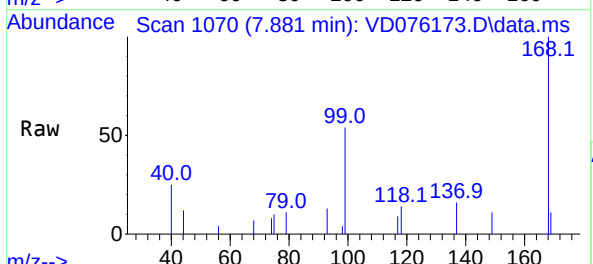
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

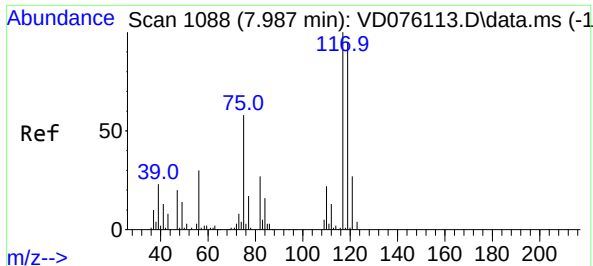
Tgt Ion:	113	Resp:	11477
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	21.3	15.2	22.8



#36
1,1-Dichloropropene
Concen: 2.996 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

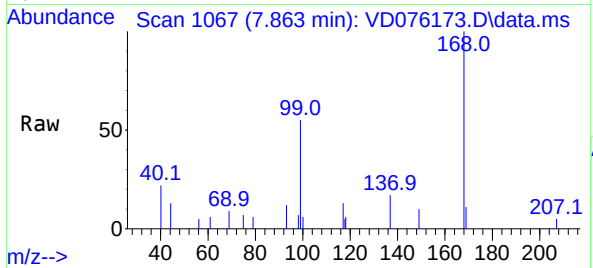
Tgt Ion:	75	Resp:	697
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



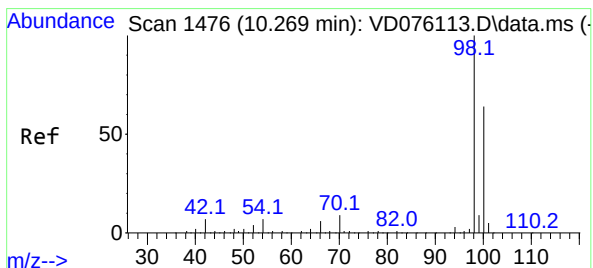
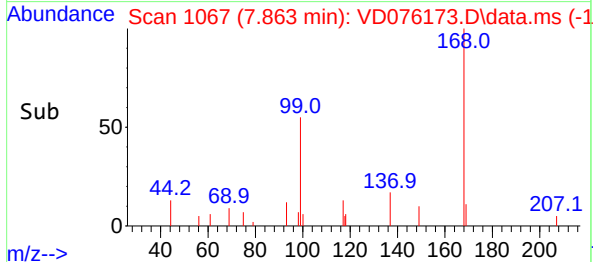
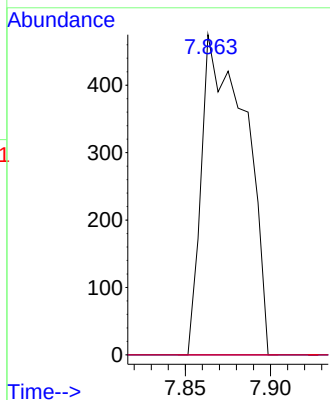


#38
Carbon Tetrachloride
Concen: 4.050 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

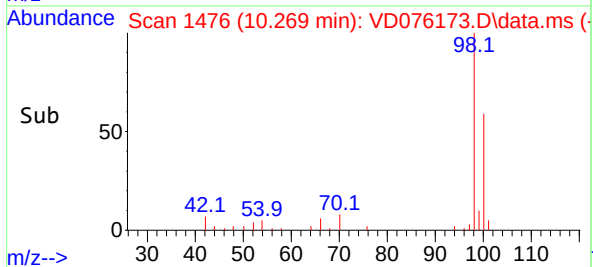
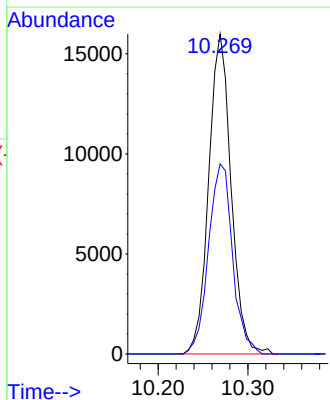
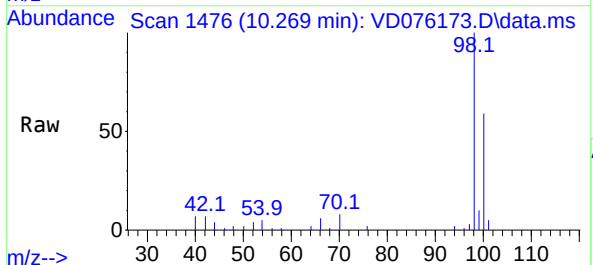


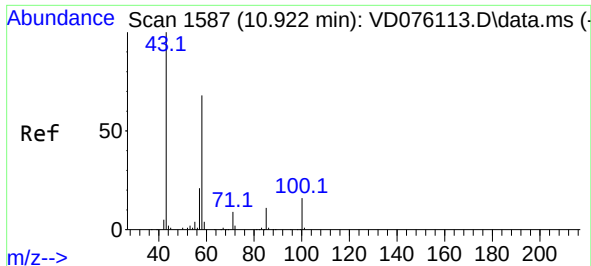
Tgt Ion:117 Resp: 851
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 41.240 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

Tgt Ion: 98 Resp: 27693
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1

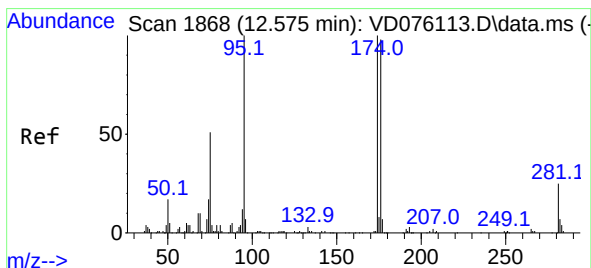
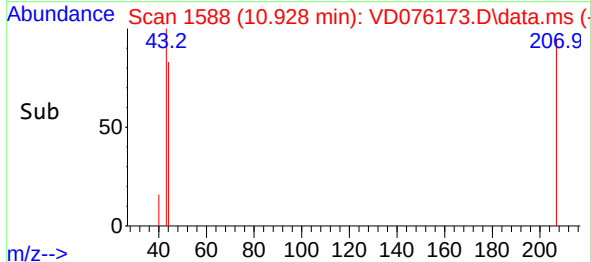
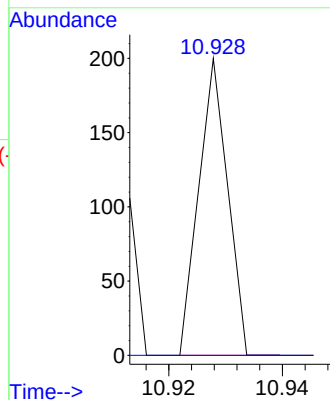
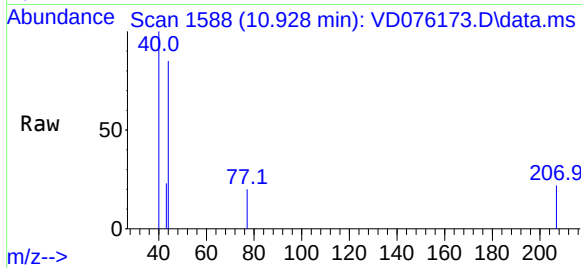




#59
2-Hexanone
Concen: 1.258 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

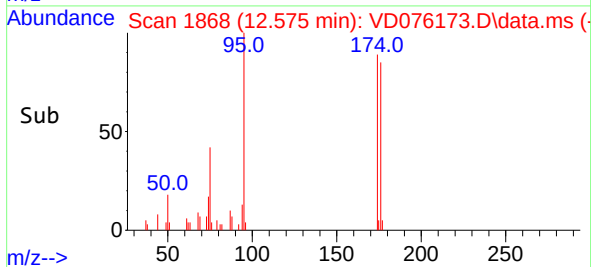
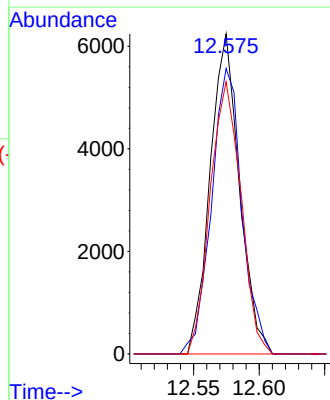
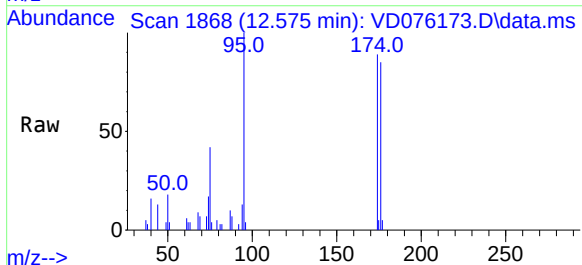
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

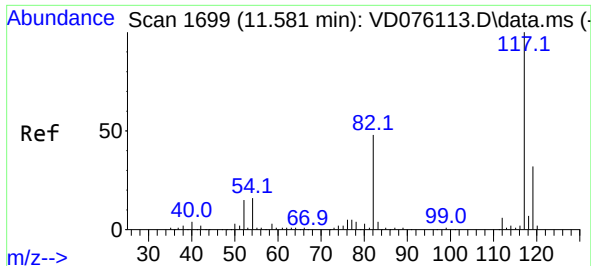
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.8#



#62
4-Bromofluorobenzene
Concen: 52.028 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

Tgt Ion: 95 Resp: 9705
Ion Ratio Lower Upper
95 100
174 92.3 0.0 164.0
176 88.9 0.0 156.8

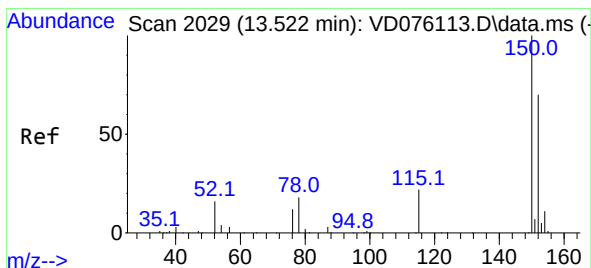
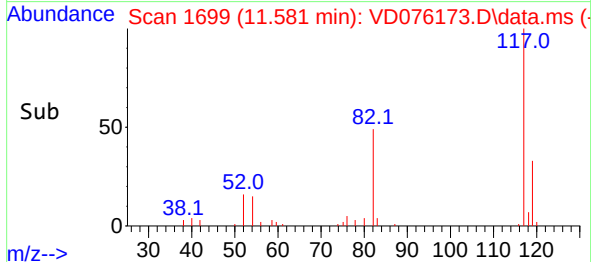
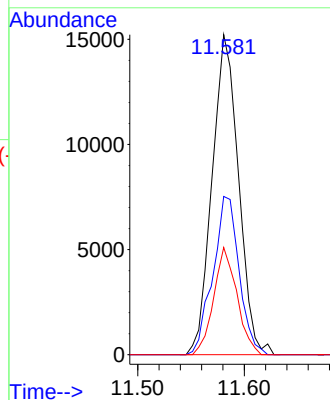
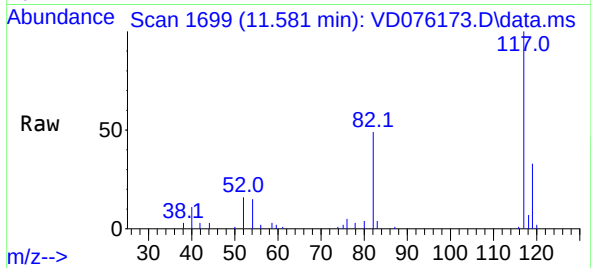




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

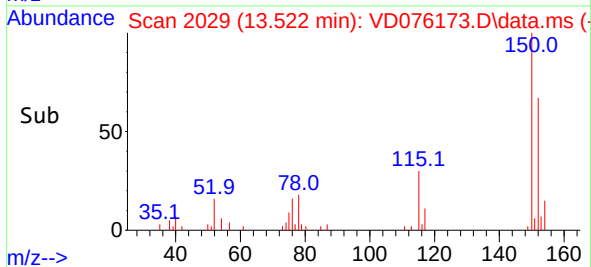
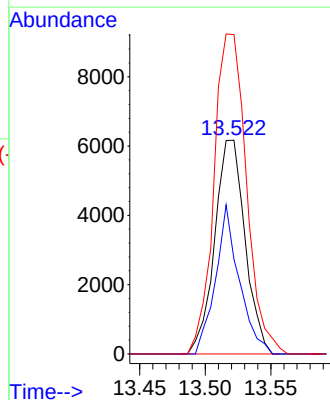
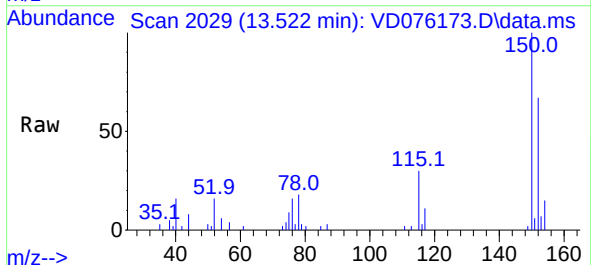
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

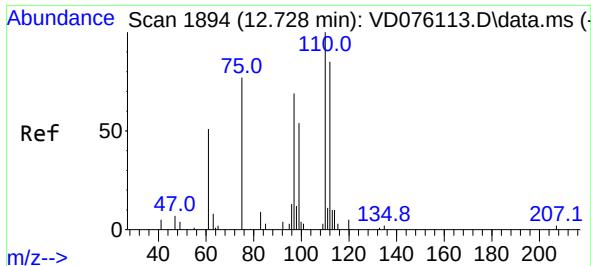
Tgt Ion:117 Resp: 26197
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 33.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

Tgt Ion:152 Resp: 9947
Ion Ratio Lower Upper
152 100
115 54.3 30.1 90.3
150 159.8 0.0 364.8

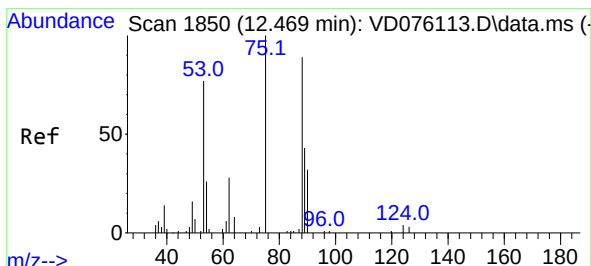
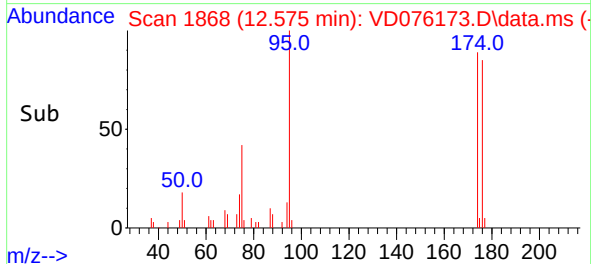
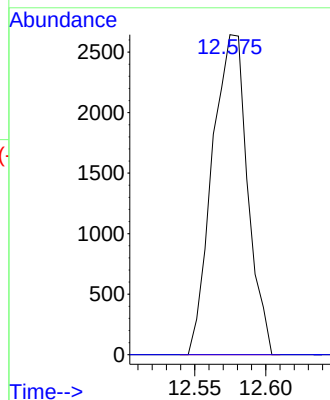
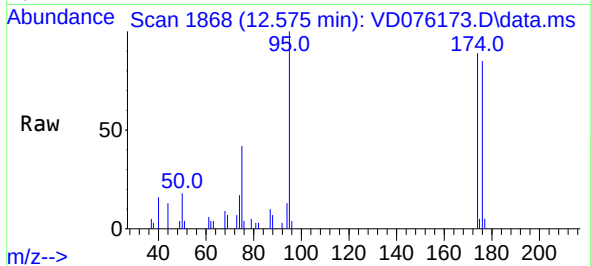




#76
1,2,3-Trichloropropane
Concen: 52.628 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

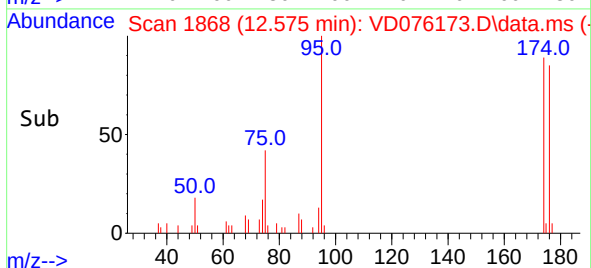
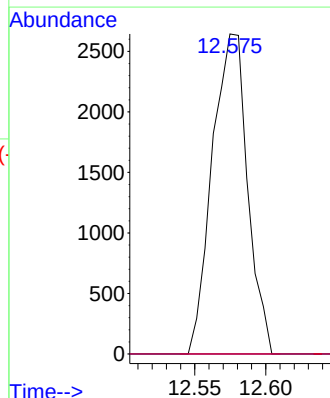
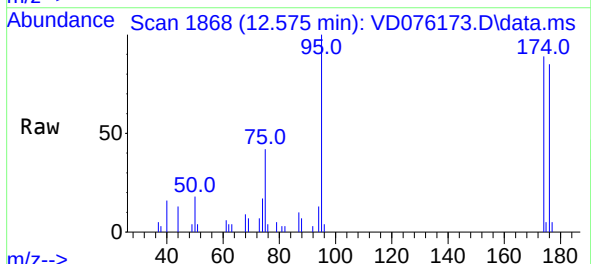
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

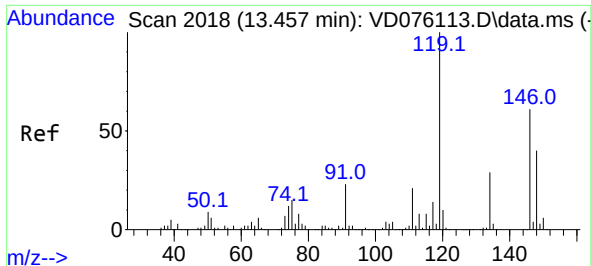
Tgt Ion: 75 Resp: 4581
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 110.405 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

Tgt Ion: 75 Resp: 4581
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#87

1,3-Dichlorobenzene

Concen: 1.015 ug/l

RT: 13.451 min Scan# 2018

Delta R.T. -0.012 min

Lab File: VD076173.D

Acq: 22 May 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

OK-01-051723RE

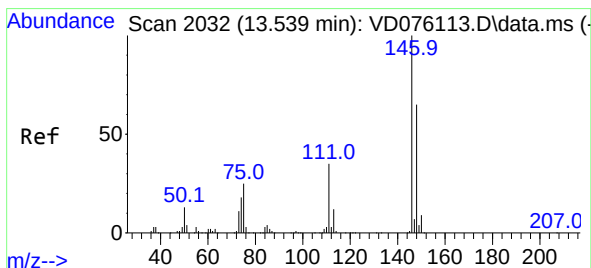
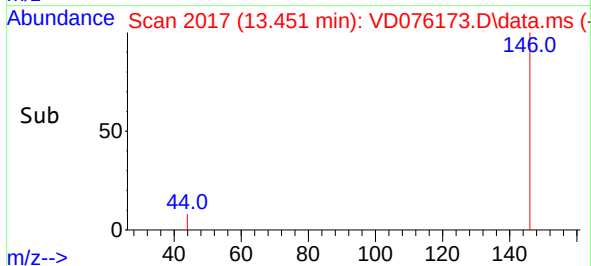
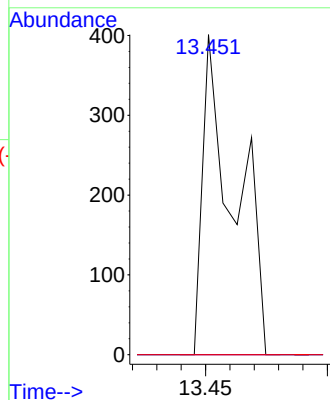
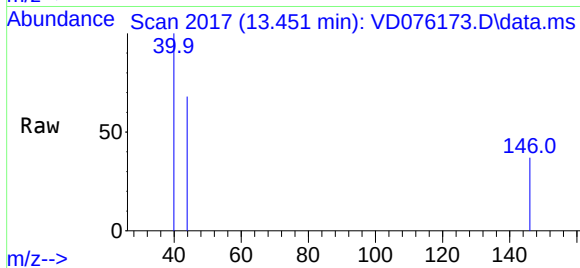
Tgt Ion:146 Resp: 362

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.3#

148 0.0 31.0 93.0#



#88

1,4-Dichlorobenzene

Concen: 1.201 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.005 min

Lab File: VD076173.D

Acq: 22 May 2023 13:23

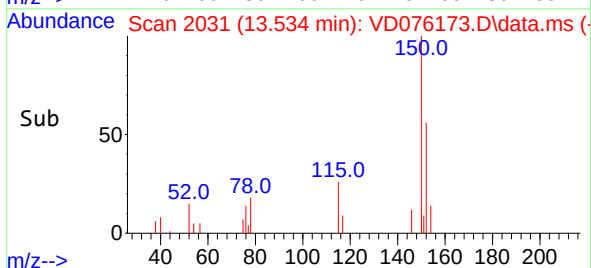
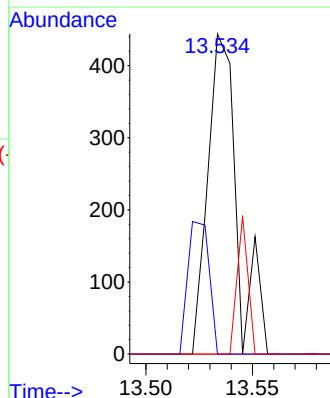
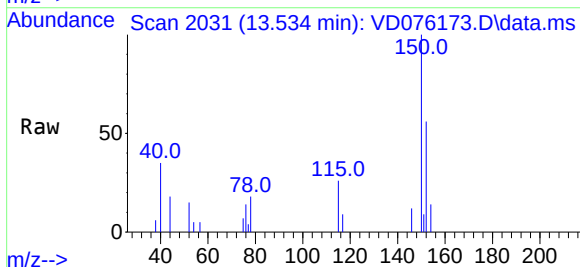
Tgt Ion:146 Resp: 424

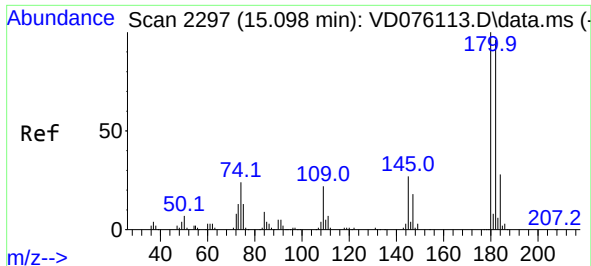
Ion Ratio Lower Upper

146 100

111 30.2 19.6 58.8

148 0.0 31.7 95.1#

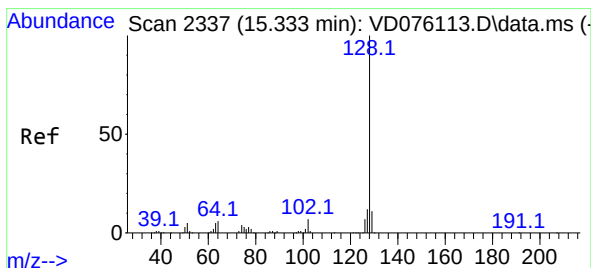
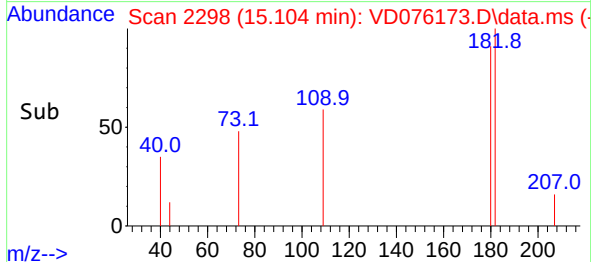
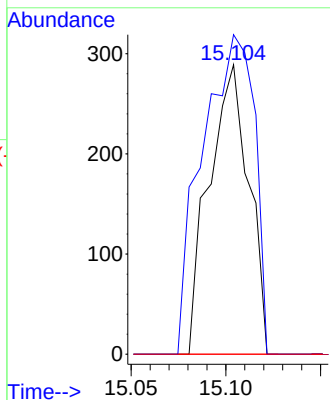
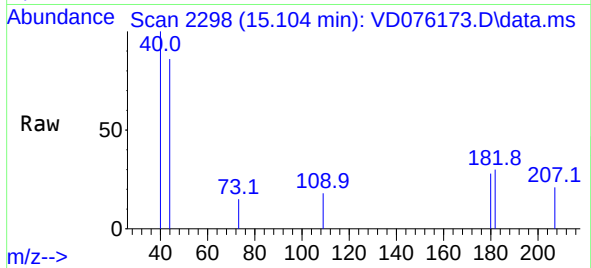




#93
1,2,4-Trichlorobenzene
Concen: 2.318 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

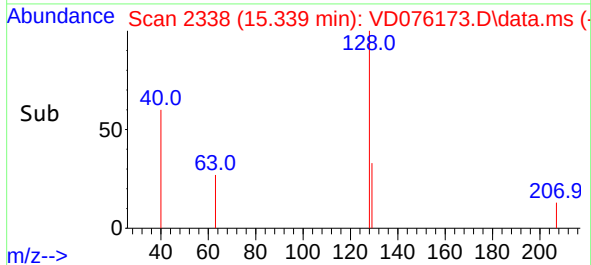
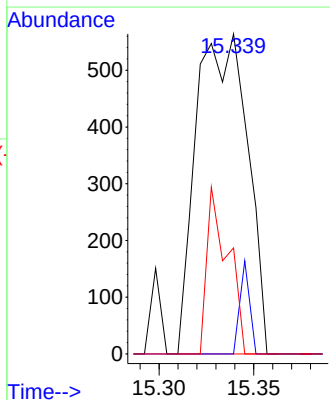
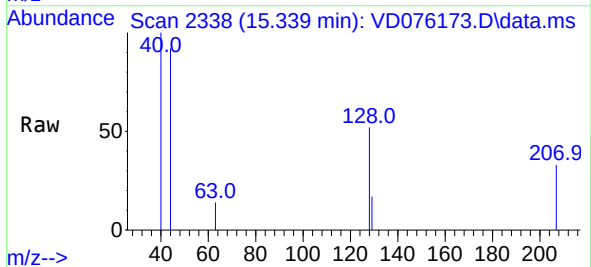
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051723RE

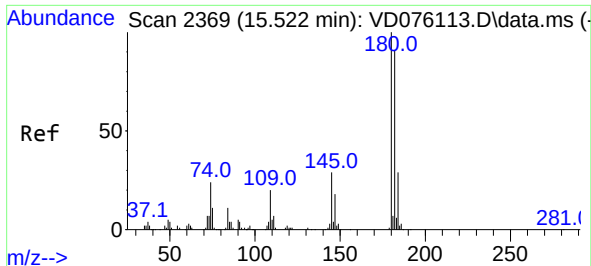
Tgt Ion:180 Resp: 422
Ion Ratio Lower Upper
180 100
182 144.8 47.9 143.7#
145 0.0 15.9 47.7#



#95
Naphthalene
Concen: 3.134 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.005 min
Lab File: VD076173.D
Acq: 22 May 2023 13:23

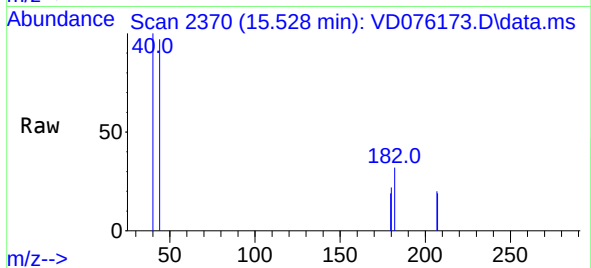
Tgt Ion:128 Resp: 1060
Ion Ratio Lower Upper
128 100
127 5.5 10.4 15.6#
129 21.5 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.779 ug/l
 RT: 15.528 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076173.D
 Acq: 22 May 2023 13:23

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-051723RE



Tgt Ion:180 Resp: 460
 Ion Ratio Lower Upper
 180 100
 182 114.8 47.7 143.1
 145 0.0 16.4 49.4#

