

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076377.D
 Acq On : 08 Jun 2023 17:01
 Operator : KP/SY
 Sample : 03051-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251580RE

Quant Time: Jun 09 01:24:29 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)

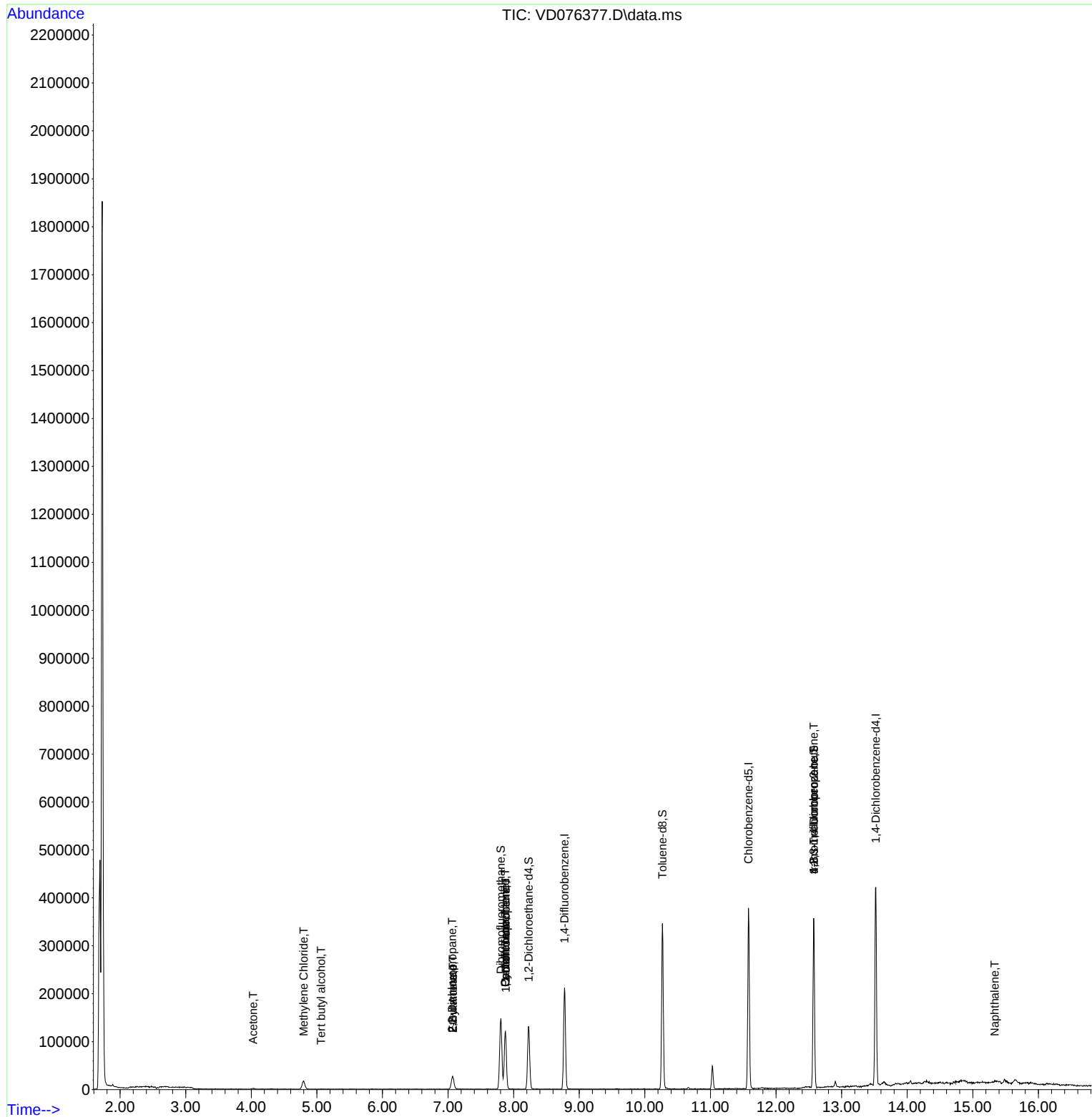
Internal Standards						
1) Pentafluorobenzene	7.875	168	107336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	127273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101222	105.250	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 210.500%#			
35) Dibromofluoromethane	7.804	113	109762	82.643	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 165.280%#			
50) Toluene-d8	10.269	98	256587	48.522	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.575	95	103596	74.027	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 148.060%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.063	59	54	1.005	ug/l #	73
16) Acetone	4.028	43	2318	13.159	ug/l #	85
20) Methylene Chloride	4.799	84	15015	6.389	ug/l	94
25) 2-Butanone	7.075	43	1053	4.317	ug/l #	37
26) 2,2-Dichloropropane	7.063	77	1862	1.066	ug/l #	49
31) Cyclohexane	7.875	56	1905	1.180	ug/l #	8
36) 1,1-Dichloropropene	7.881	75	7922	4.152	ug/l #	44
37) Ethyl Acetate	7.075	43	1053	1.673	ug/l #	1
38) Carbon Tetrachloride	7.875	117	8948	5.349	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	51761	43.568	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51761	104.348	ug/l #	17
95) Naphthalene	15.333	128	1757	3.653	ug/l #	36

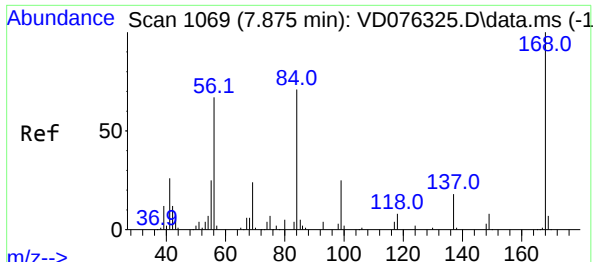
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
Data File : VD076377.D
Acq On : 08 Jun 2023 17:01
Operator : KP/SY
Sample : 03051-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

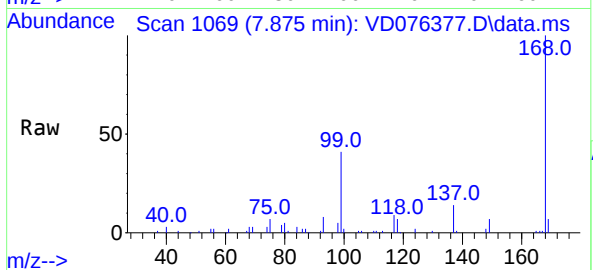
Quant Time: Jun 09 01:24:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



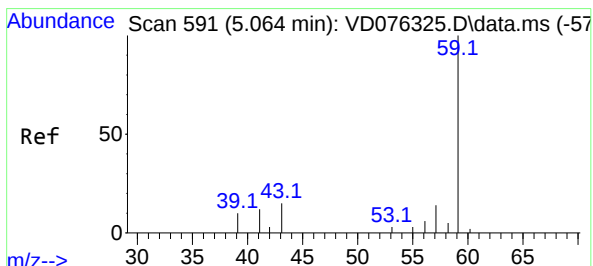
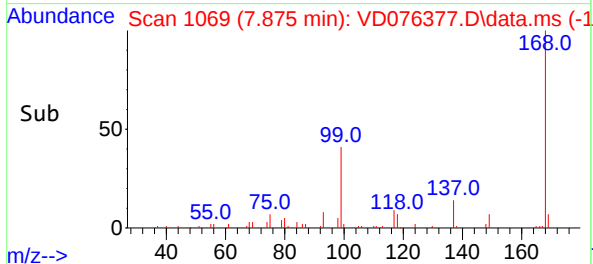
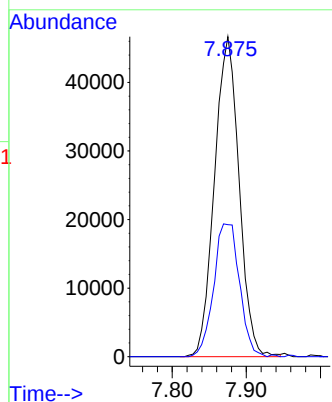


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

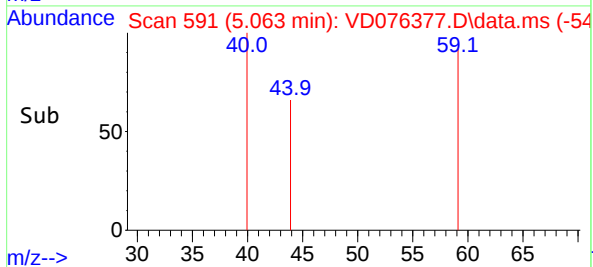
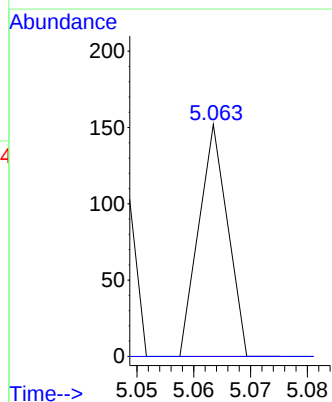
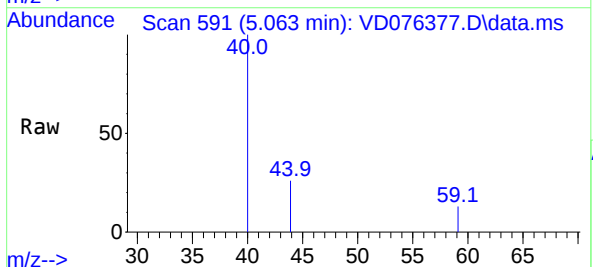


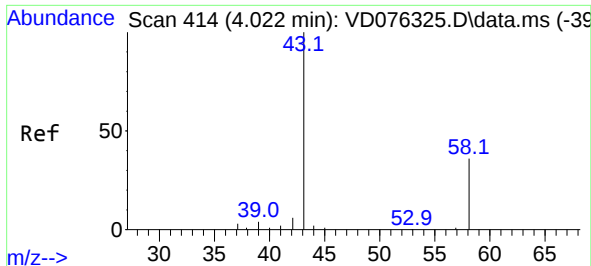
Tgt Ion:168 Resp: 107336
Ion Ratio Lower Upper
168 100
99 41.3 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.005 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

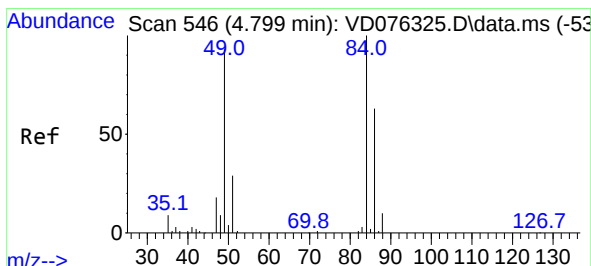
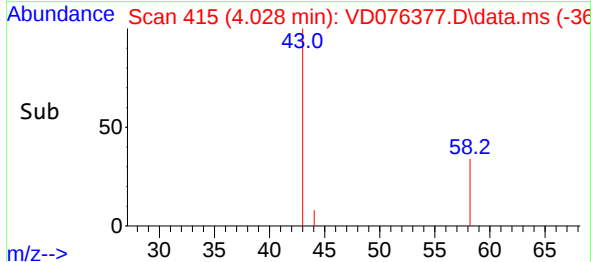
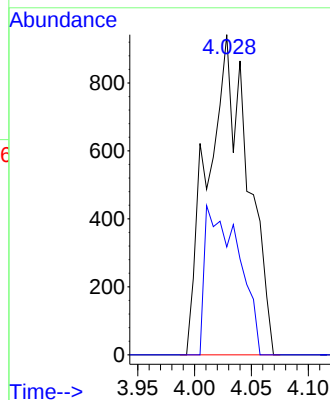
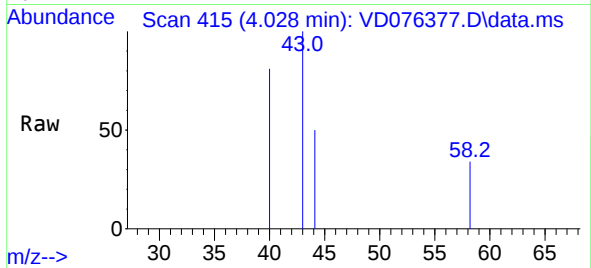




#16
Acetone
Concen: 13.159 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

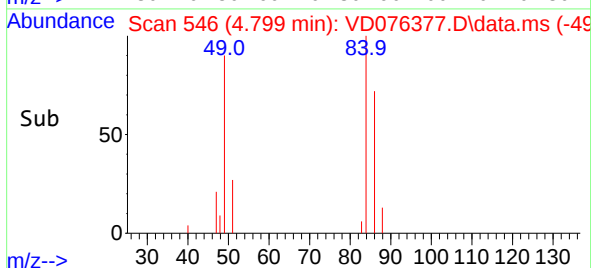
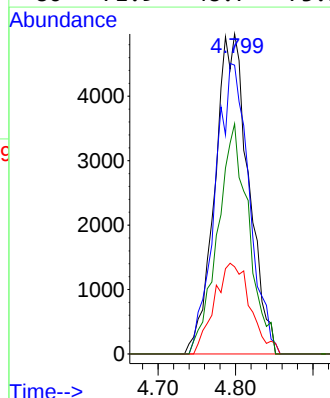
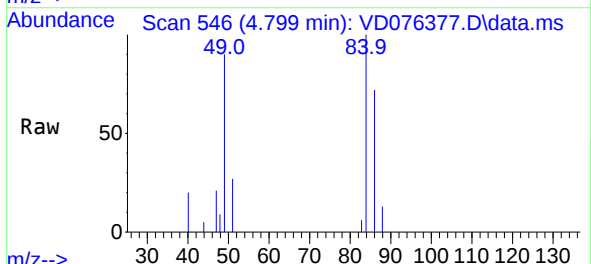
Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

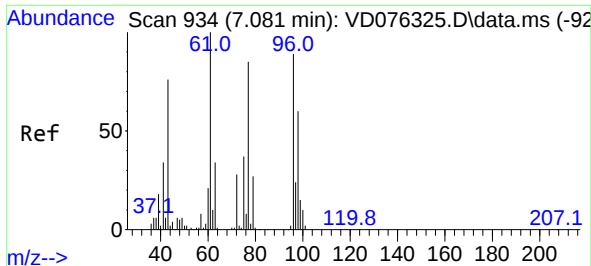
Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 33.7 34.7 52.1#



#20
Methylene Chloride
Concen: 6.389 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 84 Resp: 15015
Ion Ratio Lower Upper
84 100
49 90.3 71.4 107.2
51 27.3 24.5 36.7
86 71.9 48.7 73.1





#25

2-Butanone

Concen: 4.317 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076377.D

Acq: 08 Jun 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

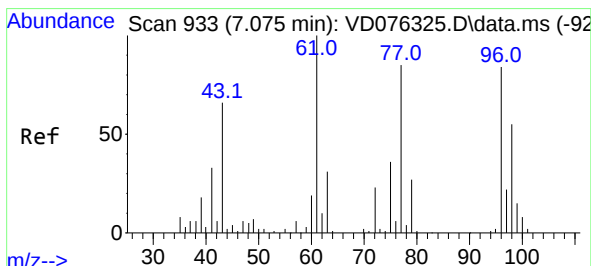
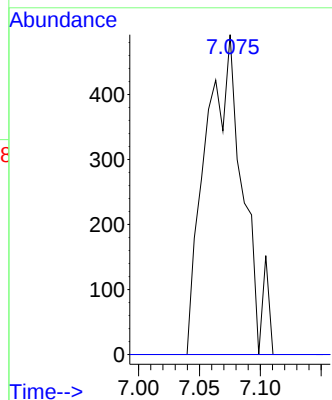
RBR-251580RE

Tgt Ion: 43 Resp: 1053

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 1.066 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.012 min

Lab File: VD076377.D

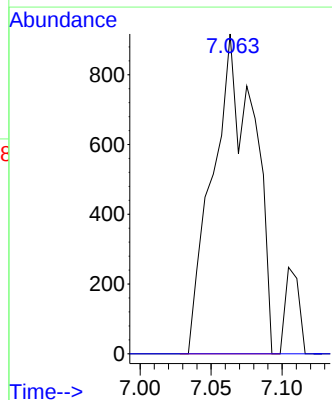
Acq: 08 Jun 2023 17:01

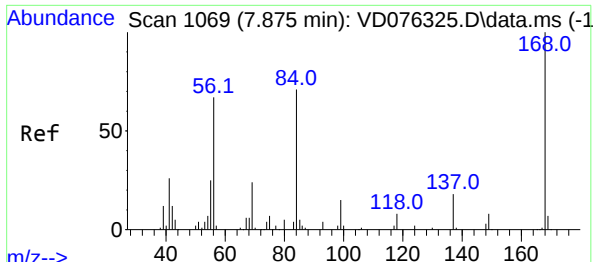
Tgt Ion: 77 Resp: 1862

Ion Ratio Lower Upper

77 100

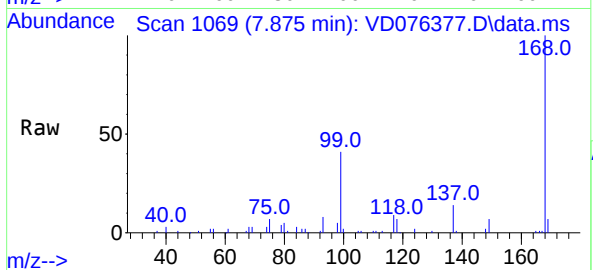
97 0.0 13.2 39.6#



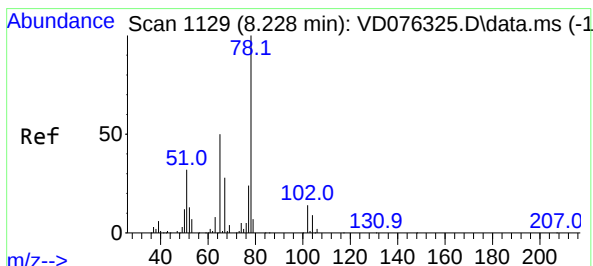
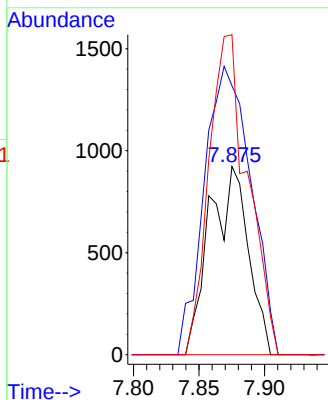
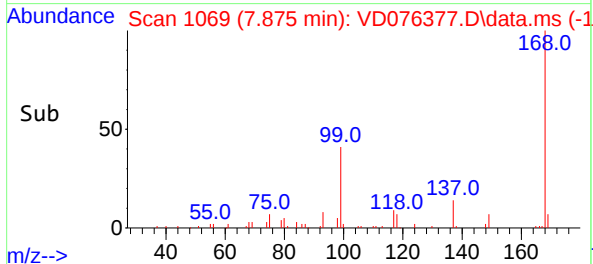


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

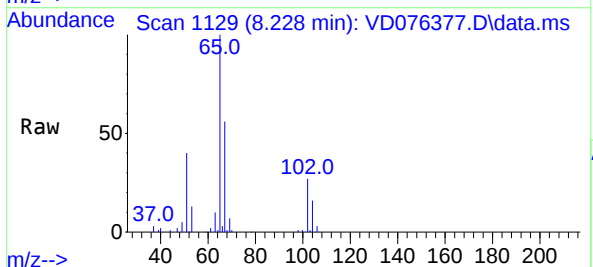
Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE



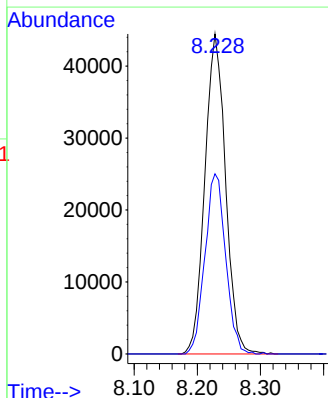
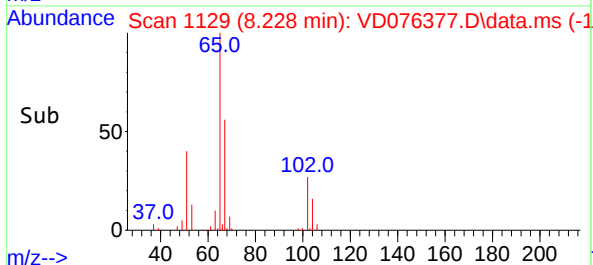
Tgt Ion: 56 Resp: 1905
Ion Ratio Lower Upper
56 100
69 142.9 28.6 43.0#
84 170.0 84.8 127.2#

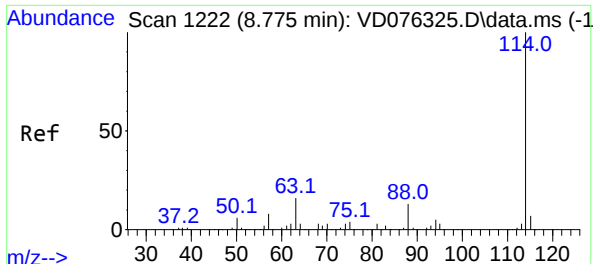


#33
1,2-Dichloroethane-d4
Concen: 105.250 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01



Tgt Ion: 65 Resp: 101222
Ion Ratio Lower Upper
65 100
67 56.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076377.D

Acq: 08 Jun 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

RBR-251580RE

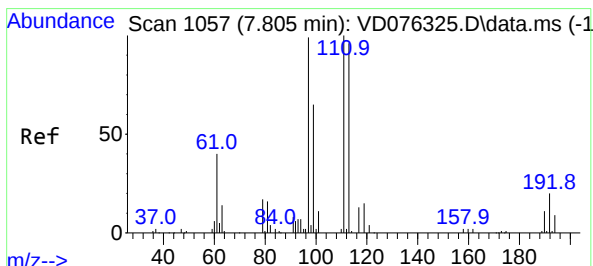
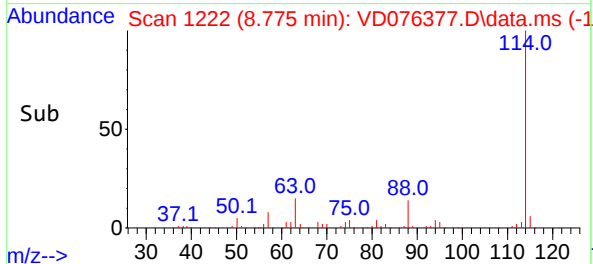
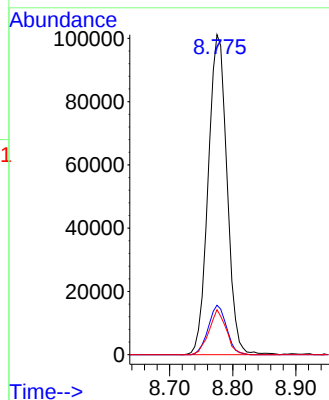
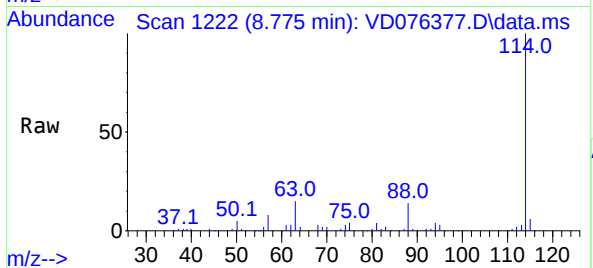
Tgt Ion:114 Resp: 209179

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 82.643 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076377.D

Acq: 08 Jun 2023 17:01

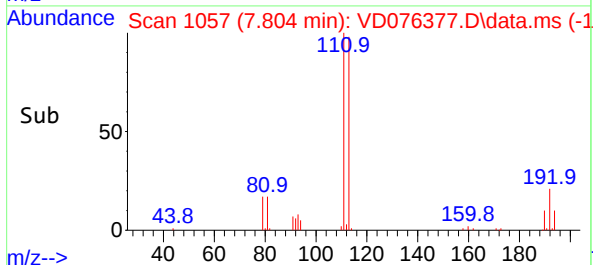
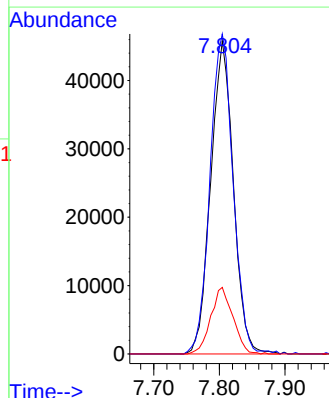
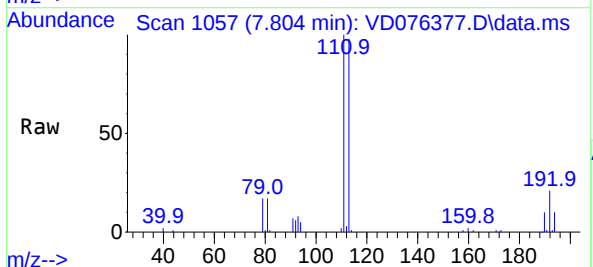
Tgt Ion:113 Resp: 109762

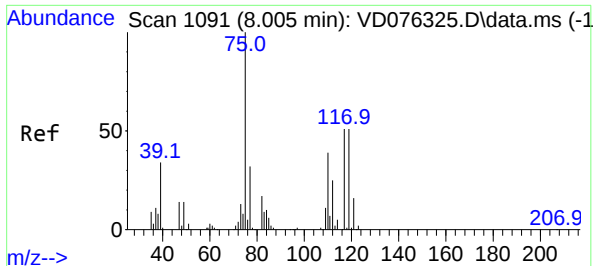
Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 20.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.152 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.124 min

Lab File: VD076377.D

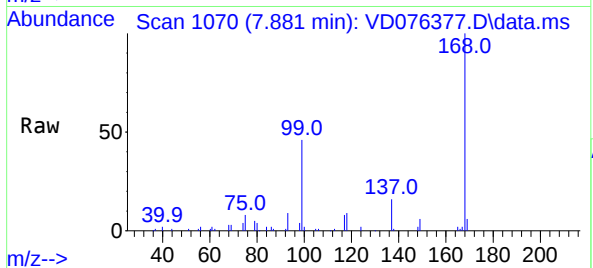
Acq: 08 Jun 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

RBR-251580RE



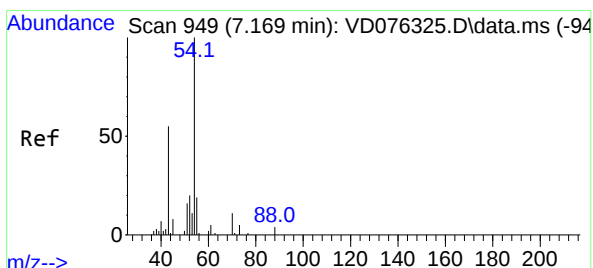
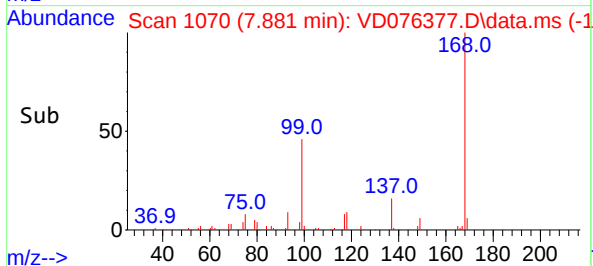
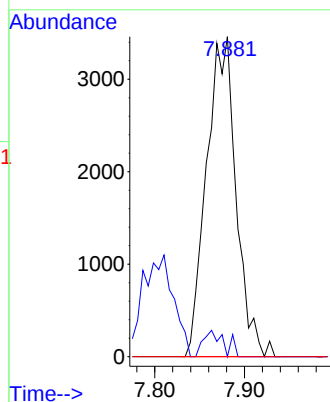
Tgt Ion: 75 Resp: 7922

Ion Ratio Lower Upper

75 100

110 5.8 19.9 59.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.673 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.094 min

Lab File: VD076377.D

Acq: 08 Jun 2023 17:01

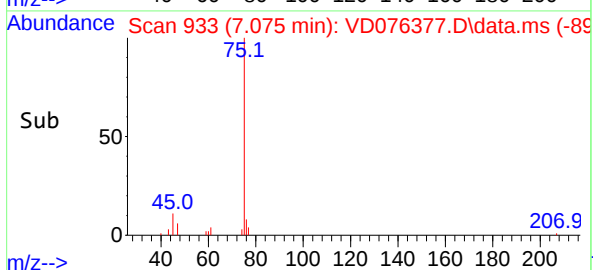
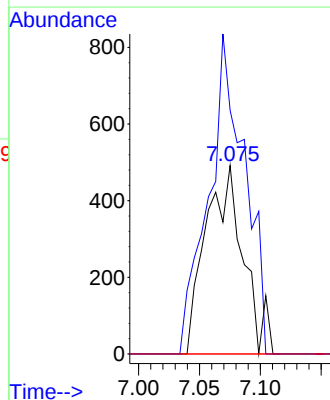
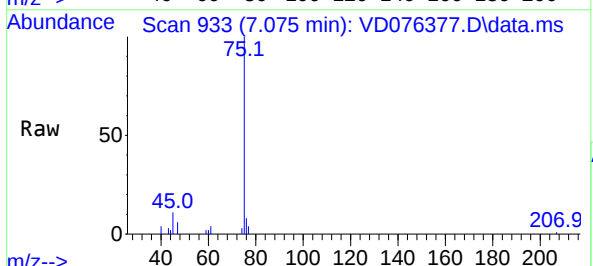
Tgt Ion: 43 Resp: 1053

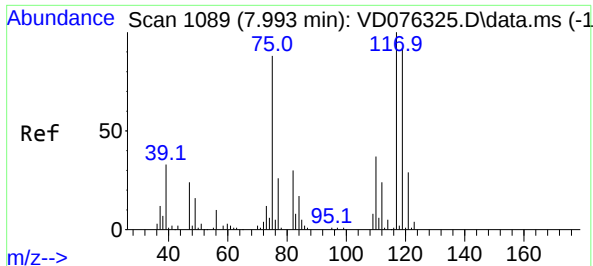
Ion Ratio Lower Upper

43 100

61 163.2 14.9 22.3#

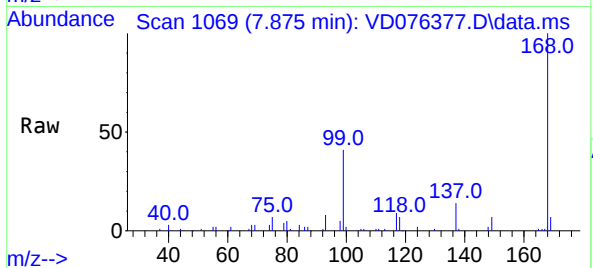
70 0.0 10.0 15.0#



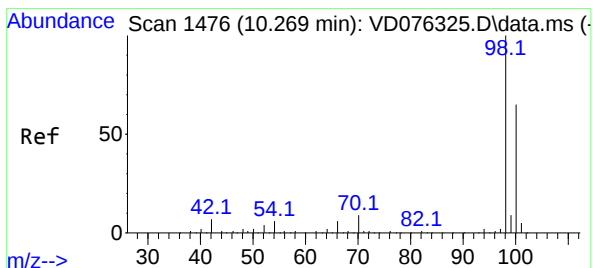
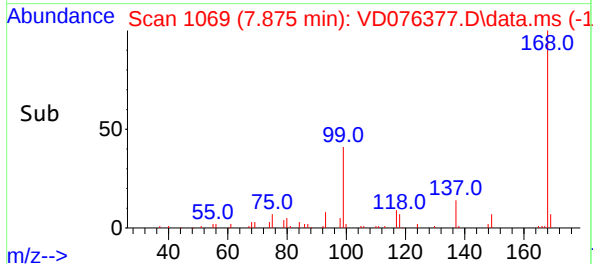
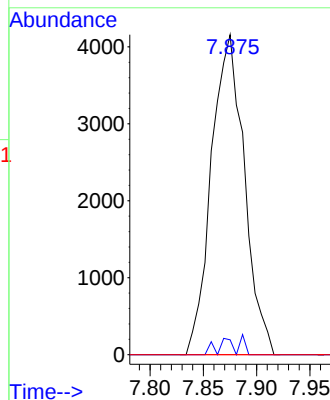


#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

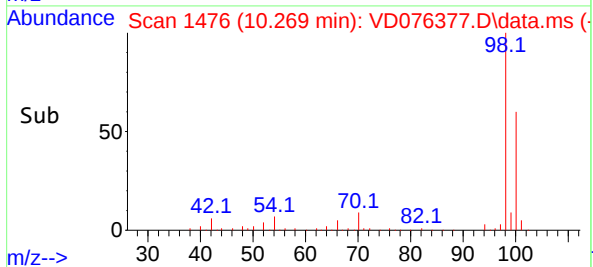
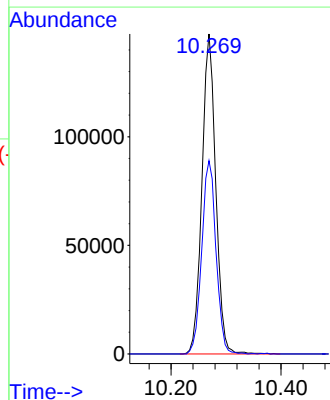
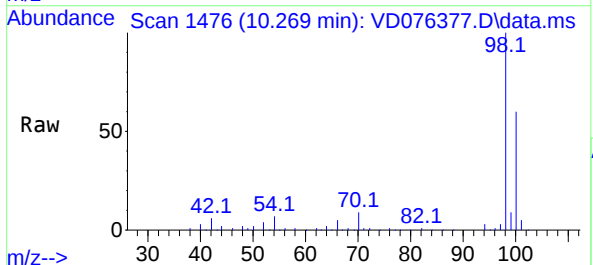


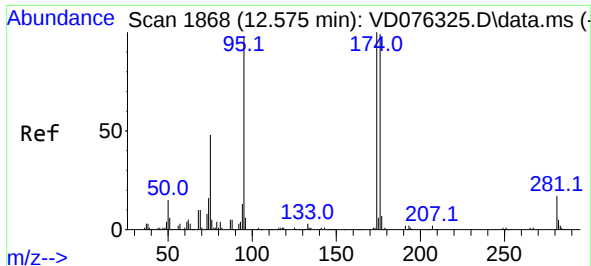
Tgt Ion:117 Resp: 8948
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.522 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 98 Resp: 256587
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



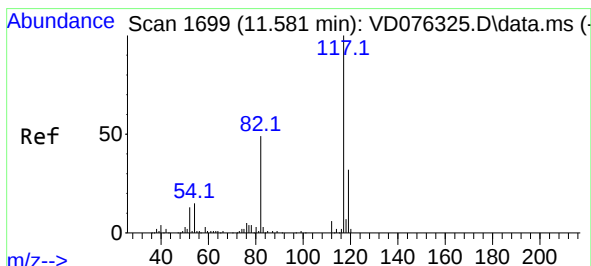
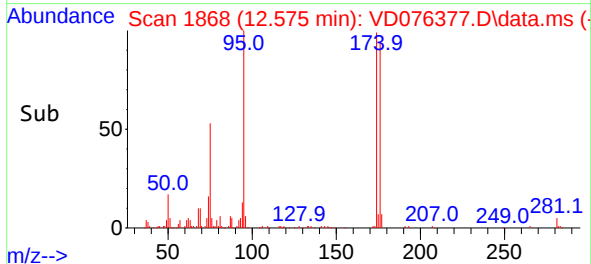
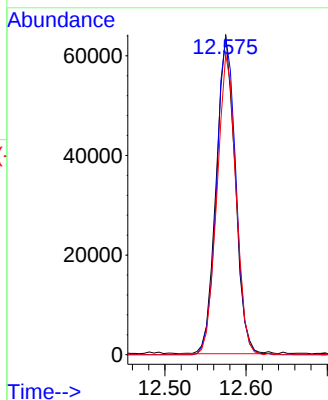
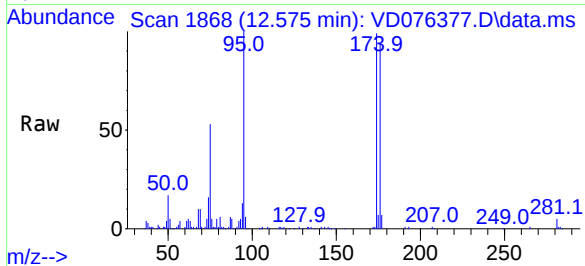


#62
4-Bromofluorobenzene
Concen: 74.027 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

Tgt Ion: 95 Resp: 103596

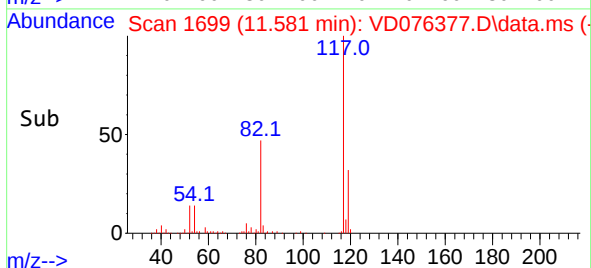
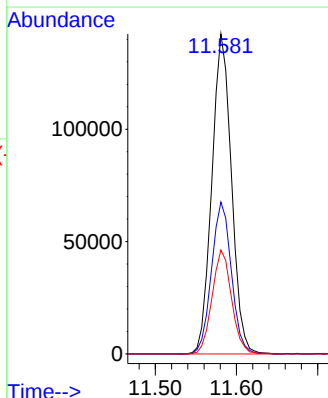
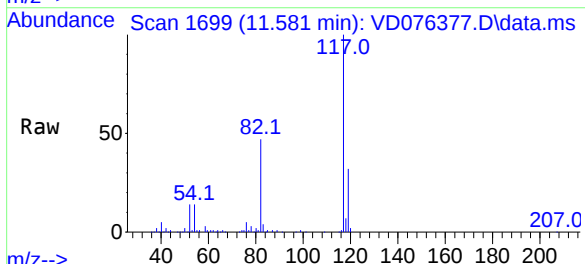
Ion	Ratio	Lower	Upper
95	100		
174	101.3	0.0	201.8
176	94.5	0.0	191.8

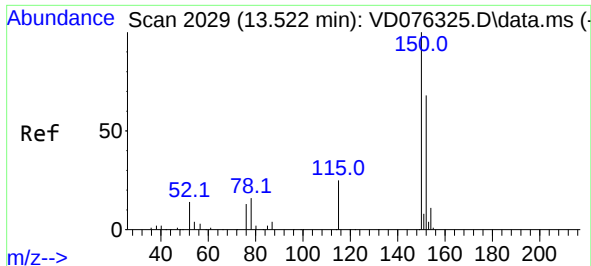


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 117 Resp: 238957

Ion	Ratio	Lower	Upper
117	100		
82	47.5	38.3	57.5
119	32.4	25.0	37.4

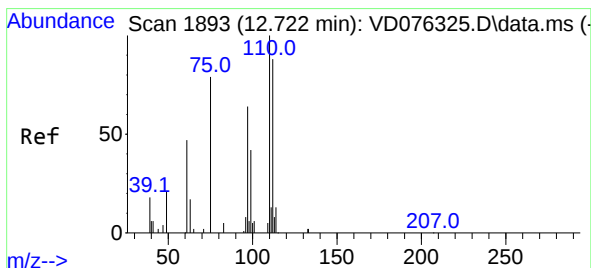
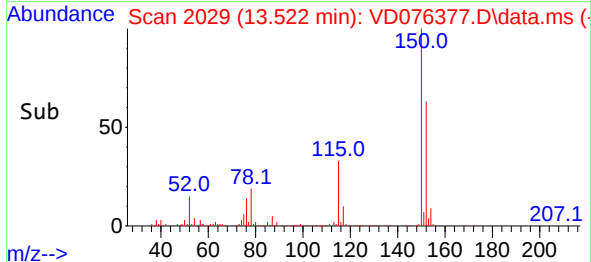
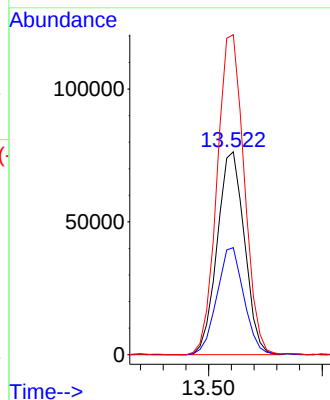
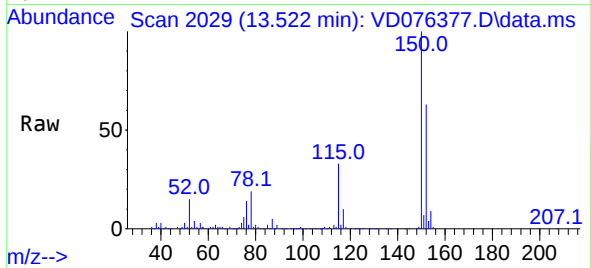




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

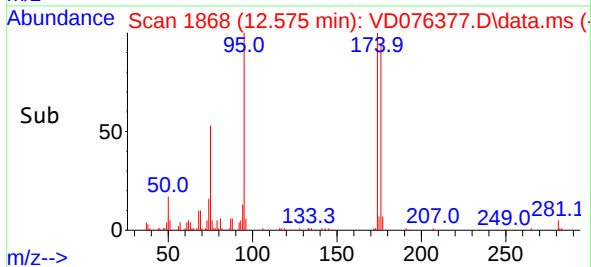
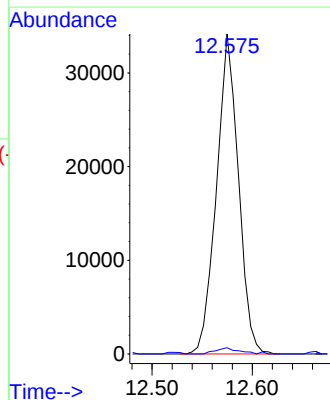
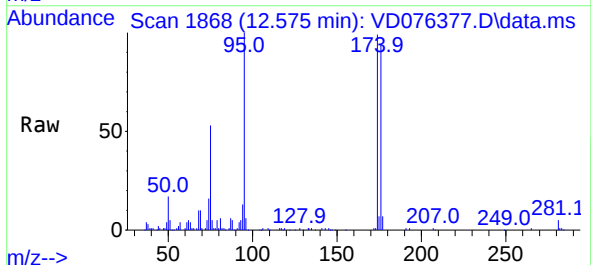
Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

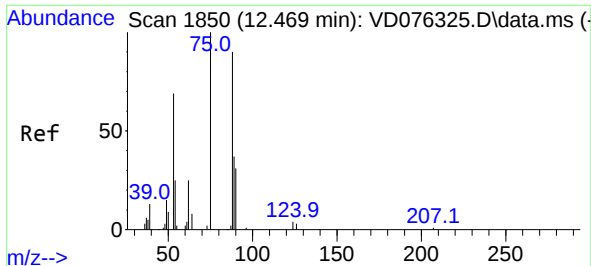
Tgt Ion:152 Resp: 127273
Ion Ratio Lower Upper
152 100
115 52.6 27.1 81.3
150 157.7 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 43.568 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 75 Resp: 51761
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#

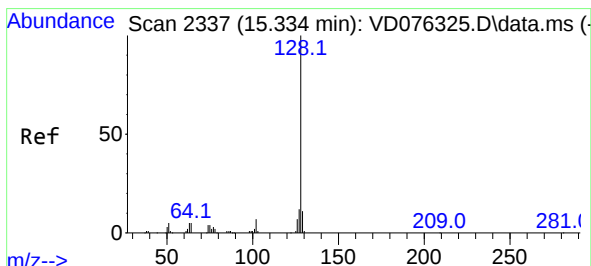
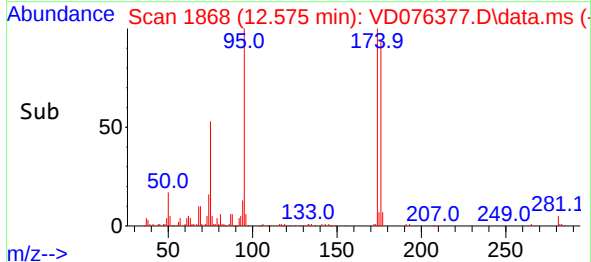
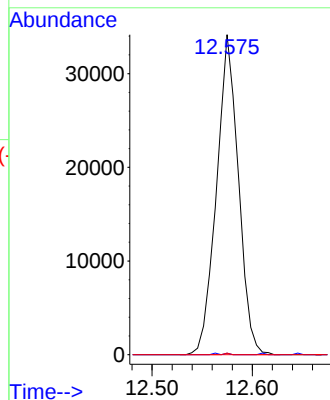
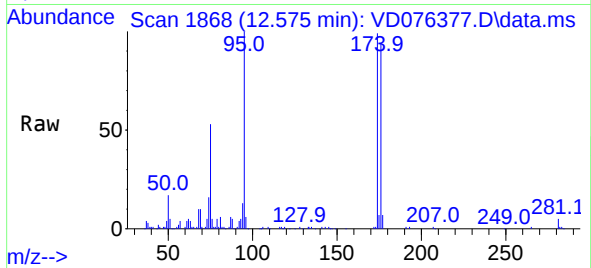




#81
trans-1,4-Dichloro-2-butene
Concen: 104.348 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
RBR-251580RE

Tgt Ion: 75 Resp: 51761
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 3.653 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076377.D
Acq: 08 Jun 2023 17:01

Tgt Ion: 128 Resp: 1757
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 49.0 8.7 13.1#

