

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076511.D
 Acq On : 21 Jun 2023 14:22
 Operator : KP/SY
 Sample : 03336-07
 Misc : 5.28G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4

Quant Time: Jun 22 01:58:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

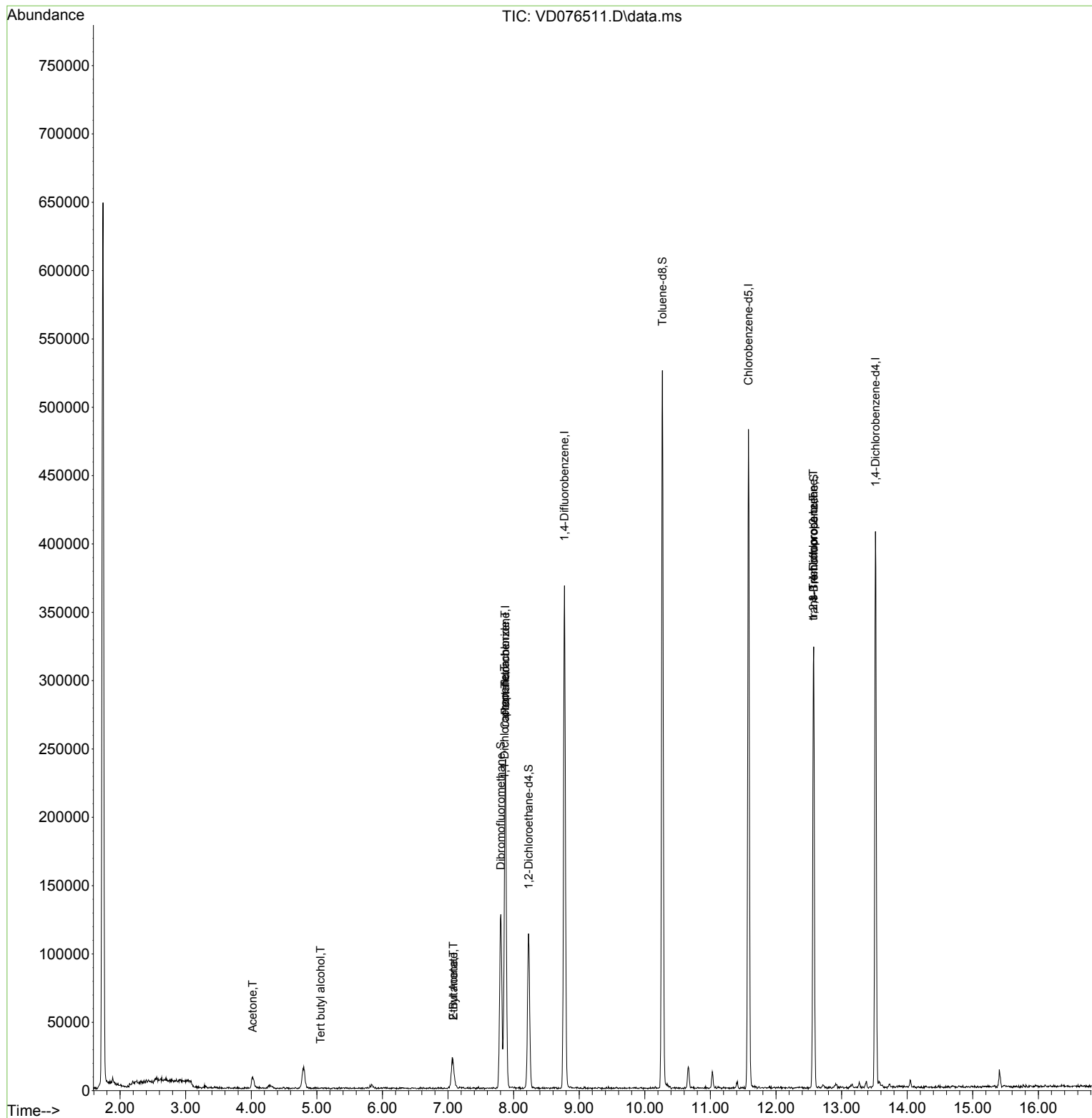
Internal Standards						
1) Pentafluorobenzene	7.875	168	185005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84290	45.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.940%
35) Dibromofluoromethane	7.805	113	91082	48.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.500%
50) Toluene-d8	10.269	98	352496	49.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.575	95	94210	40.548	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	181	1.131	ug/l #	73
16) Acetone	4.023	43	14256	32.320	ug/l #	81
20) Methylene Chloride	4.805	84	10899	Below Cal	#	81
25) 2-Butanone	7.081	43	5062	7.420	ug/l #	57
28) Bromochloromethane	7.440	49	62	Below Cal	#	1
36) 1,1-Dichloropropene	7.863	75	14732	5.573	ug/l #	49
37) Ethyl Acetate	7.081	43	5062	3.305	ug/l #	86
38) Carbon Tetrachloride	7.869	117	16722	7.077	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	50073	48.511	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	50073	106.298	ug/l #	17

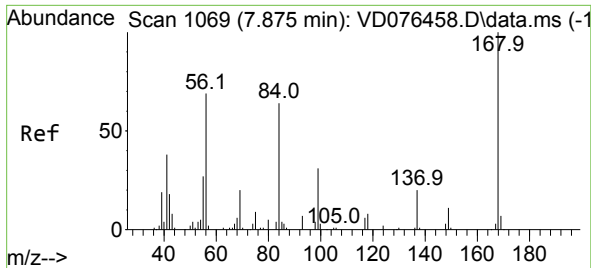
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
Data File : VD076511.D
Acq On : 21 Jun 2023 14:22
Operator : KP/SY
Sample : 03336-07
Misc : 5.28G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-4

Quant Time: Jun 22 01:58:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

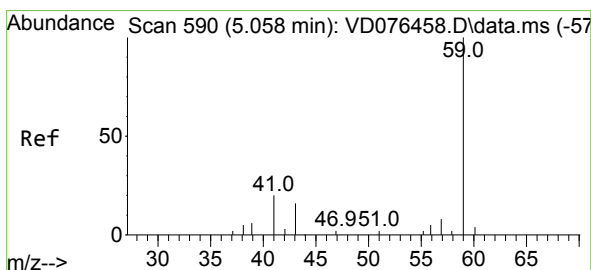
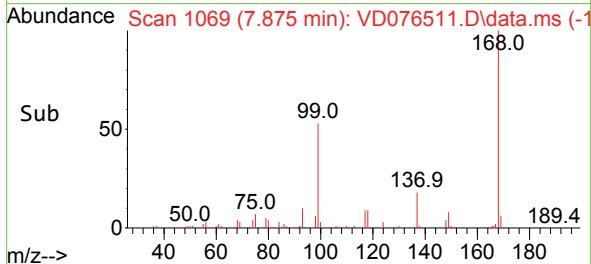
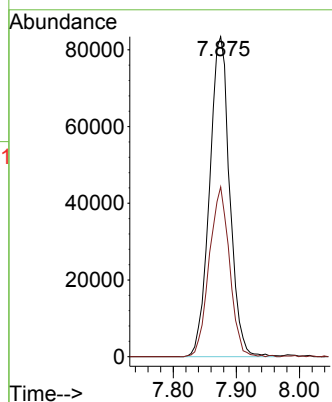
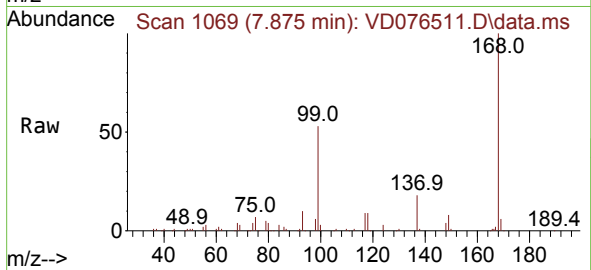




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

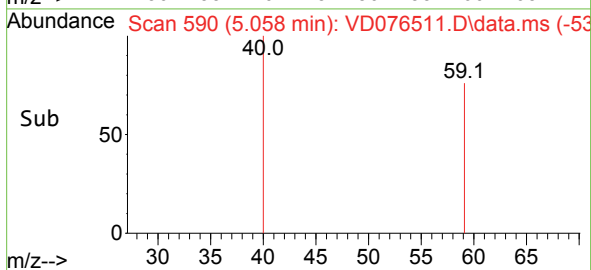
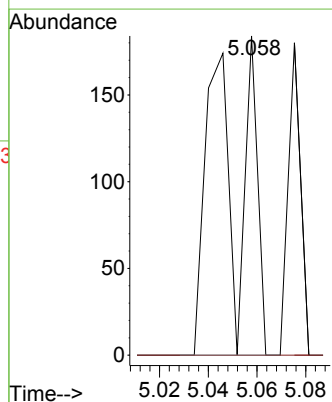
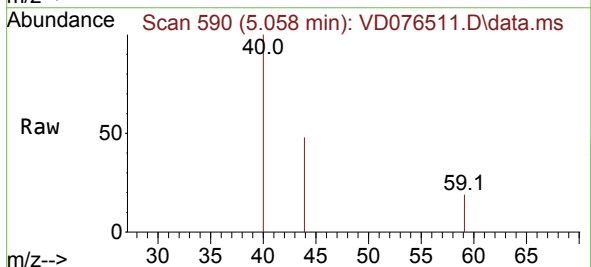
Instrument :
MSVOA_D
ClientSampleId :
WC-4

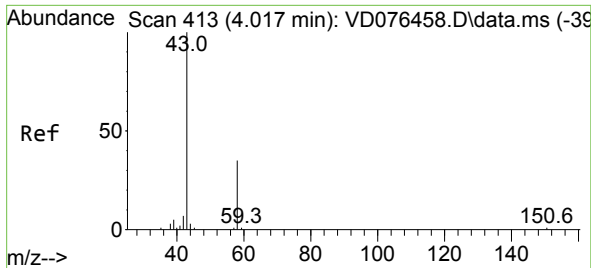
Tgt Ion:168 Resp: 185005
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.131 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 32.320 ug/l

RT: 4.023 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

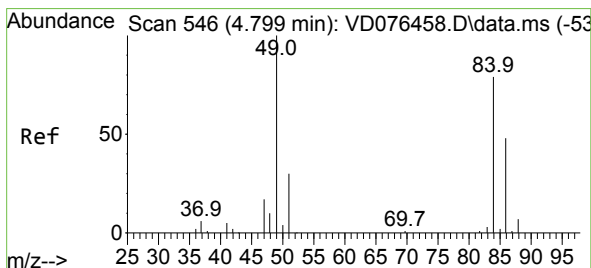
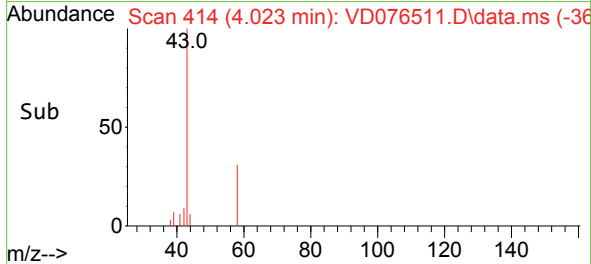
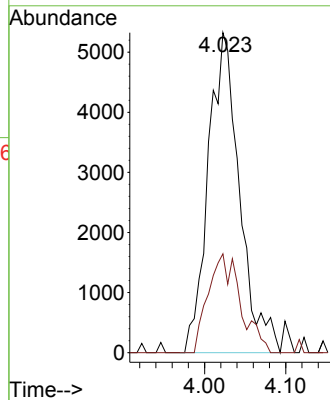
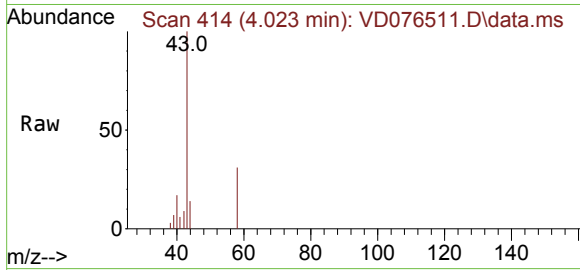
WC-4

Tgt Ion: 43 Resp: 14256

Ion Ratio Lower Upper

43 100

58 30.9 34.7 52.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

Tgt Ion: 84 Resp: 10899

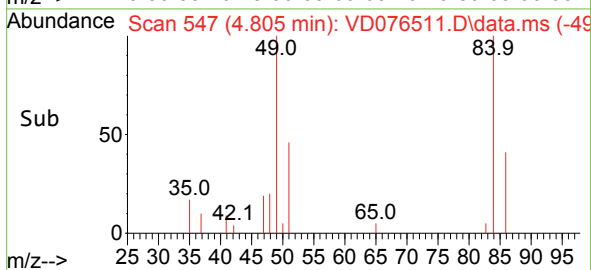
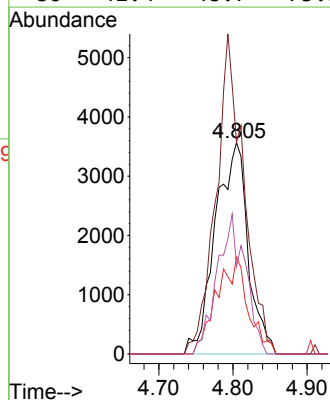
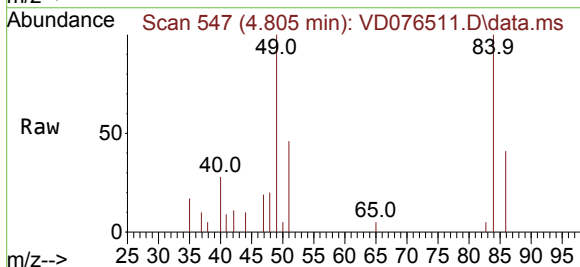
Ion Ratio Lower Upper

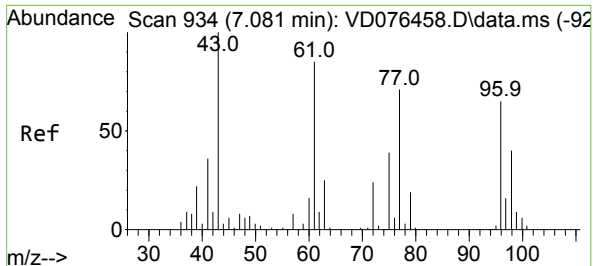
84 100

49 100.2 71.4 107.2

51 45.8 24.5 36.7#

86 41.4 48.7 73.1#





#25

2-Butanone

Concen: 7.420 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

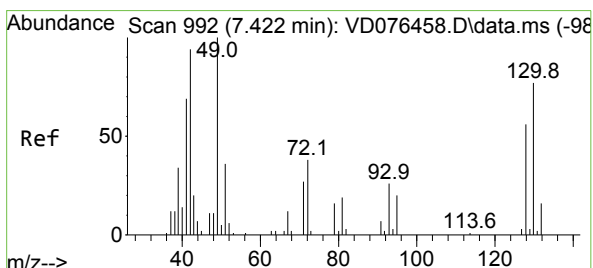
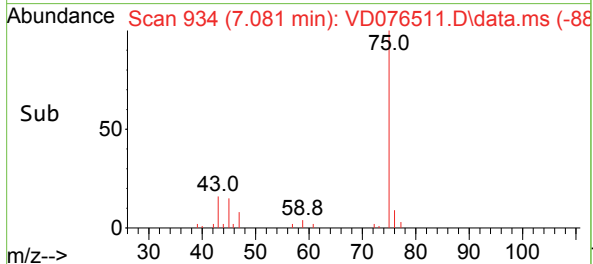
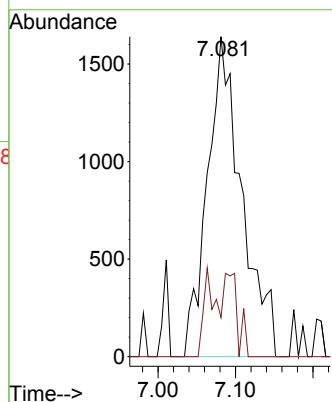
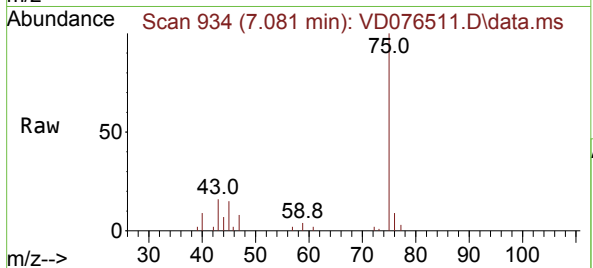
WC-4

Tgt Ion: 43 Resp: 5062

Ion Ratio Lower Upper

43 100

72 12.3 30.7 46.1#



#28

Bromochloromethane

Concen: Below Cal

RT: 7.440 min Scan# 995

Delta R.T. 0.018 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

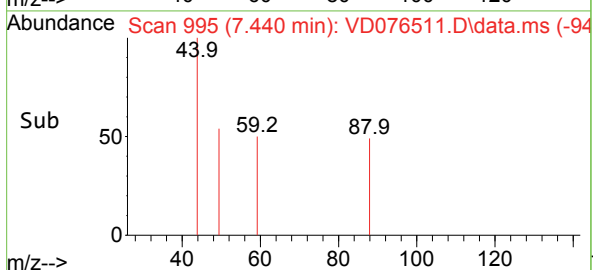
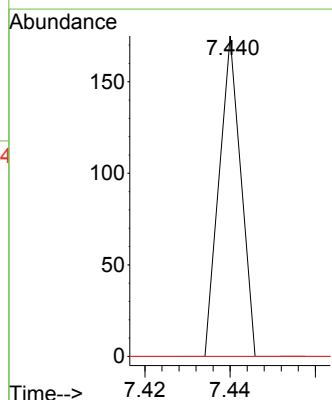
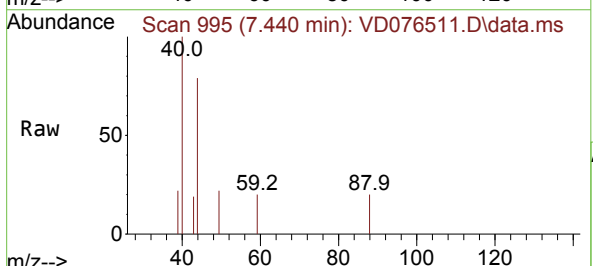
Tgt Ion: 49 Resp: 62

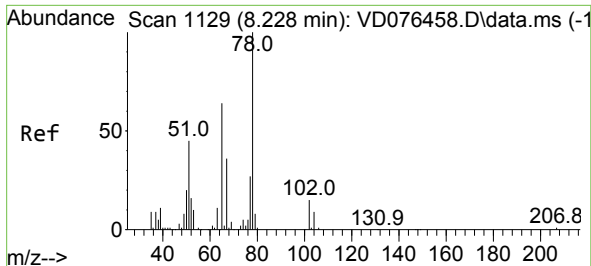
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 0.0 83.2 124.8#





#33

1,2-Dichloroethane-d4

Concen: 45.474 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

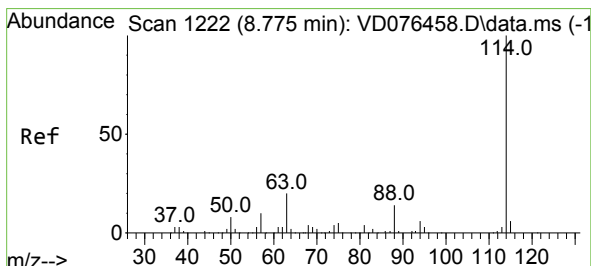
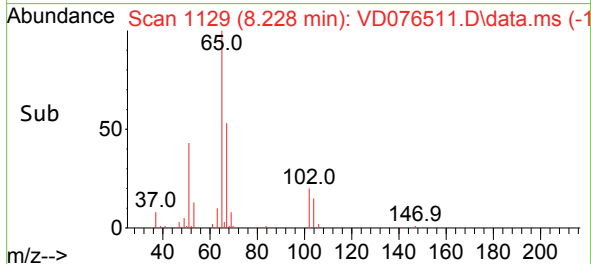
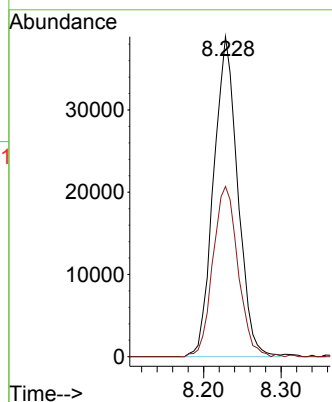
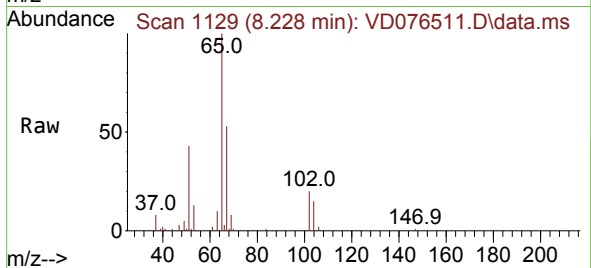
WC-4

Tgt Ion: 65 Resp: 84290

Ion Ratio Lower Upper

65 100

67 55.3 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: VD076511.D

Acq: 21 Jun 2023 14:22

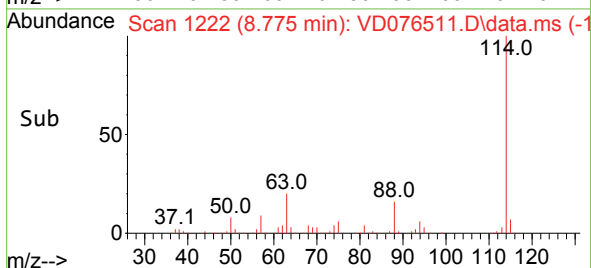
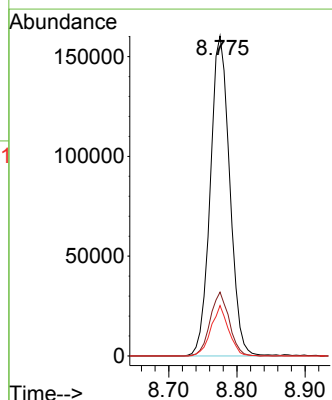
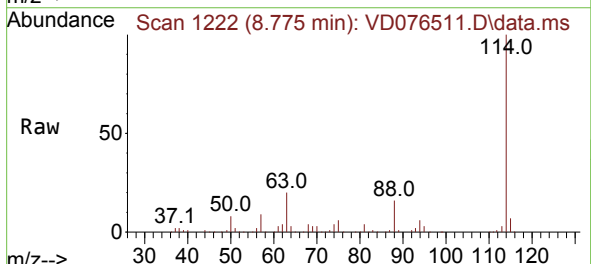
Tgt Ion: 114 Resp: 317756

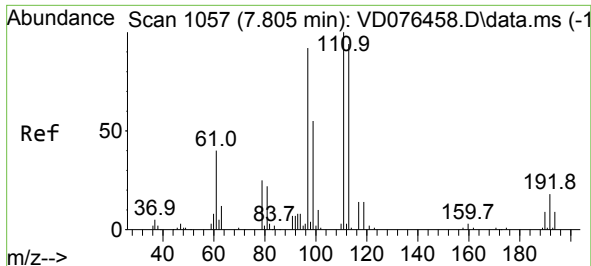
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 15.8 0.0 26.2

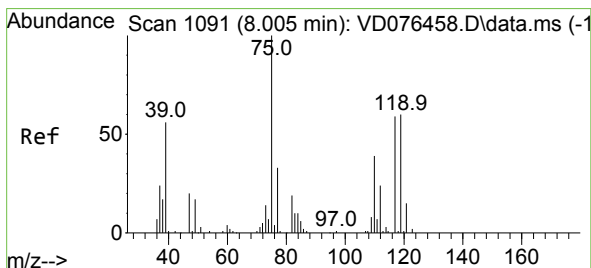
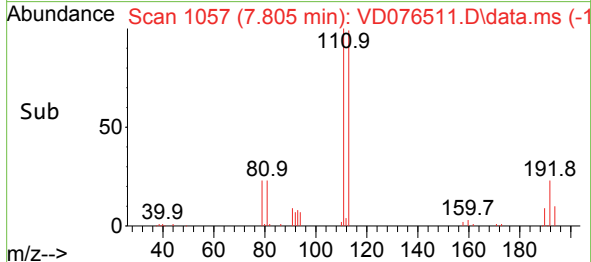
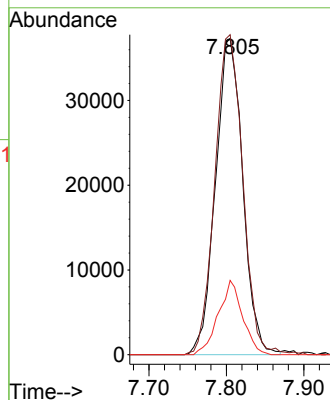
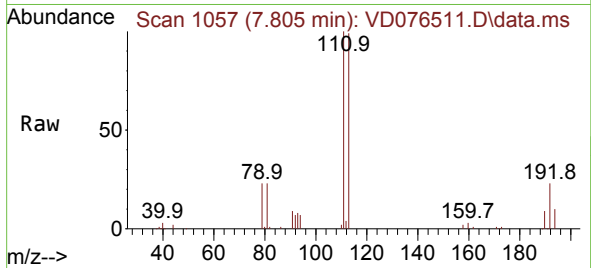




#35
Dibromofluoromethane
Concen: 48.251 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

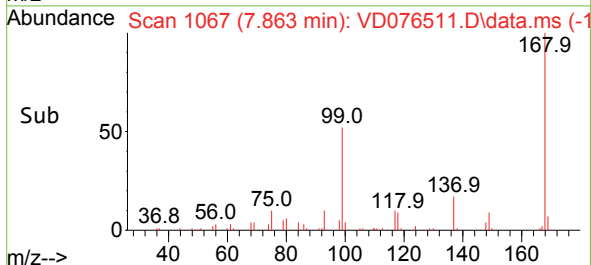
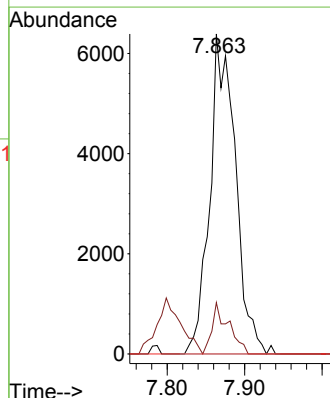
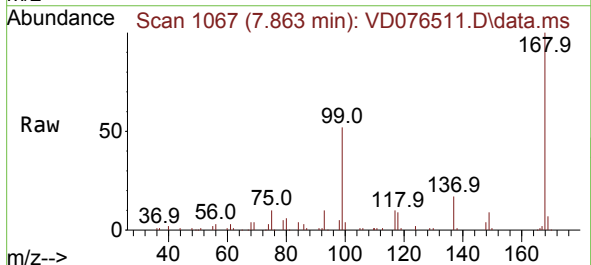
Instrument :
MSVOA_D
ClientSampleId :
WC-4

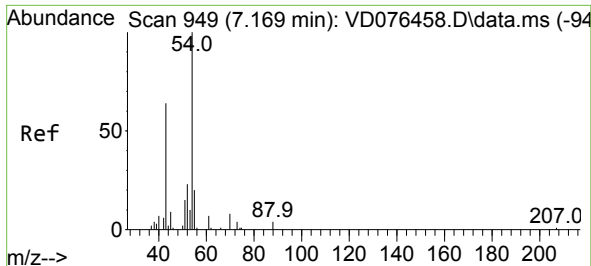
Tgt Ion:113 Resp: 91082
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.573 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

Tgt Ion: 75 Resp: 14732
Ion Ratio Lower Upper
75 100
110 10.3 19.9 59.6#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 3.305 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.088 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

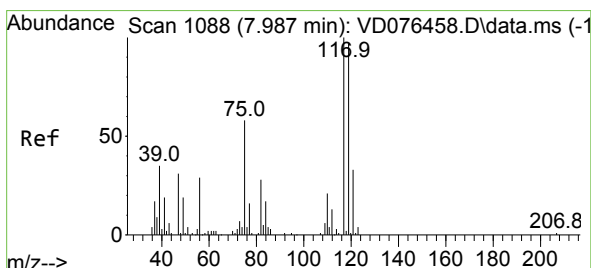
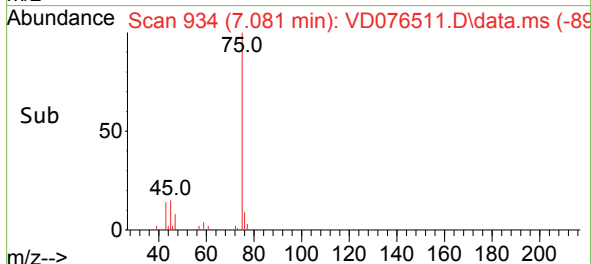
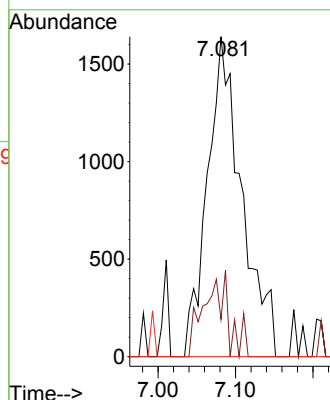
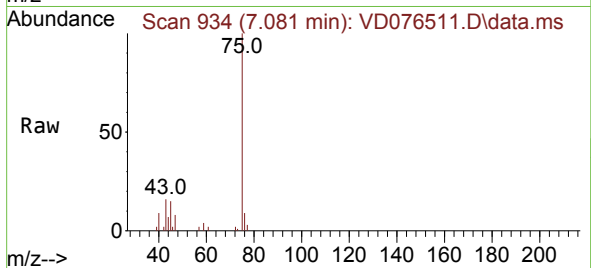
Instrument :

MSVOA_D

ClientSampleId :

WC-4

Tgt Ion:	43	Resp:	5062
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.9	22.3
70	0.0	10.0	15.0#



#38

Carbon Tetrachloride

Concen: 7.077 ug/l

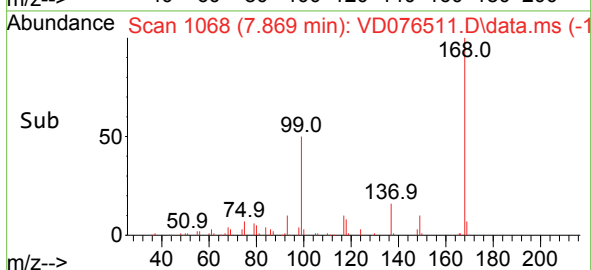
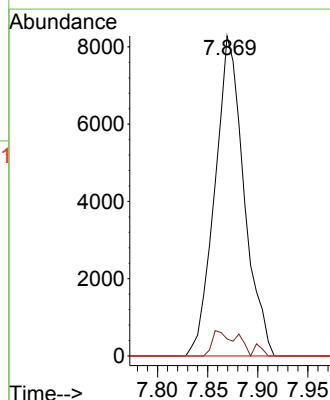
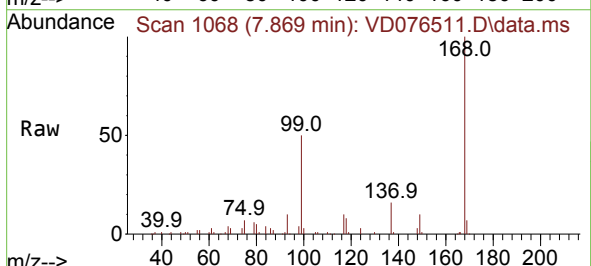
RT: 7.869 min Scan# 1068

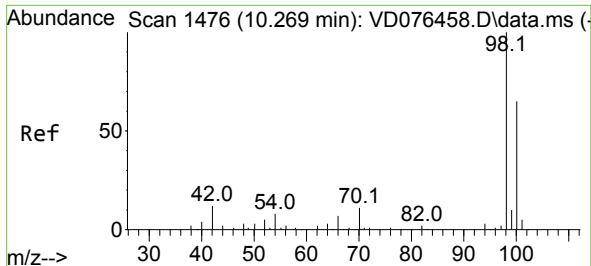
Delta R.T. -0.118 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

Tgt Ion:	117	Resp:	16722
Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.0	117.0#
121	0.0	24.2	36.2#

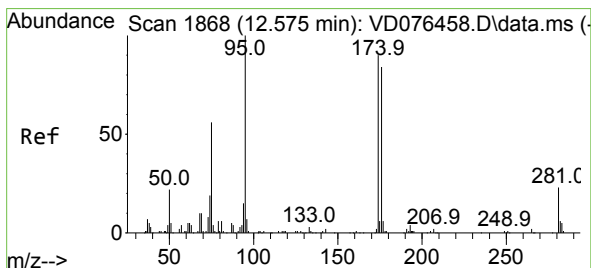
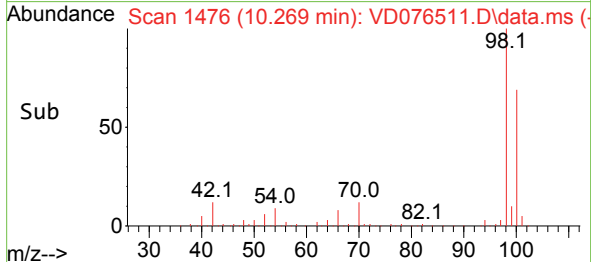
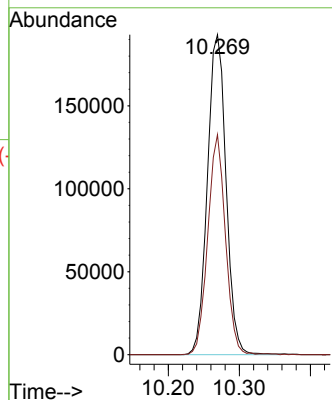
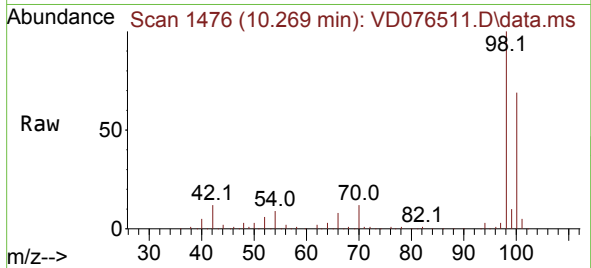




#50
Toluene-d8
Concen: 49.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

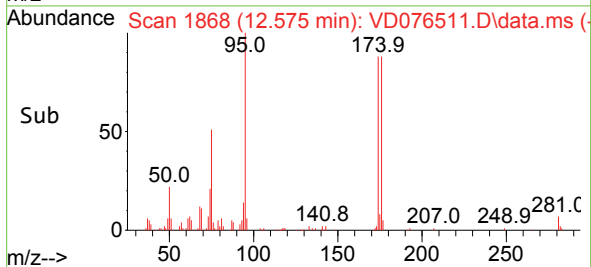
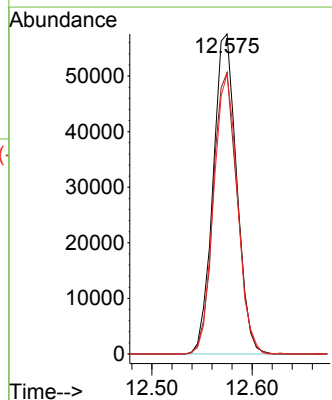
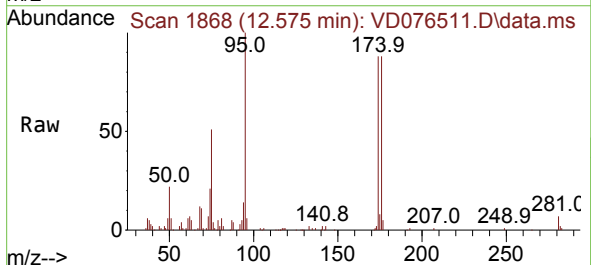
Instrument :
MSVOA_D
ClientSampleId :
WC-4

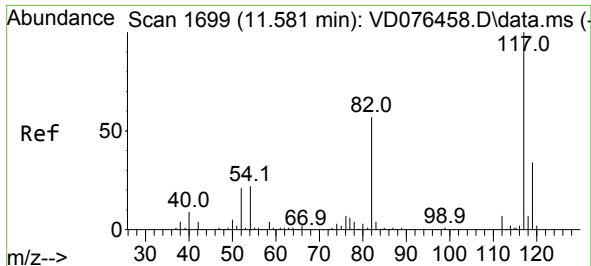
Tgt Ion: 98 Resp: 352496
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.548 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

Tgt Ion: 95 Resp: 94210
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 88.0 0.0 191.8

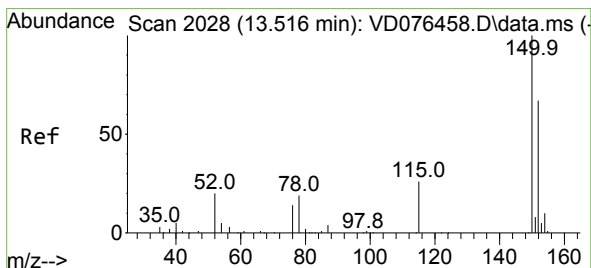
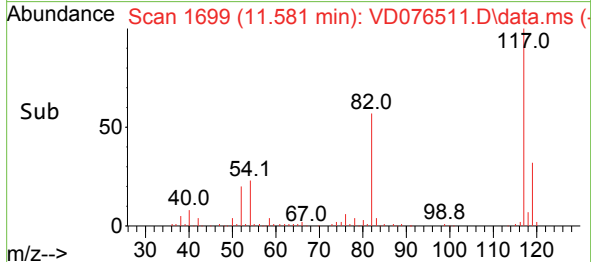
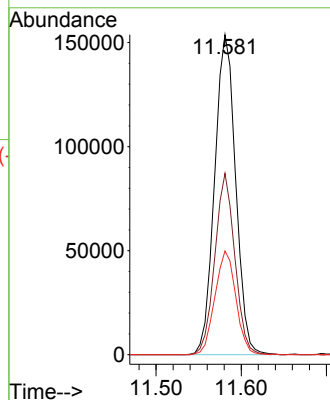
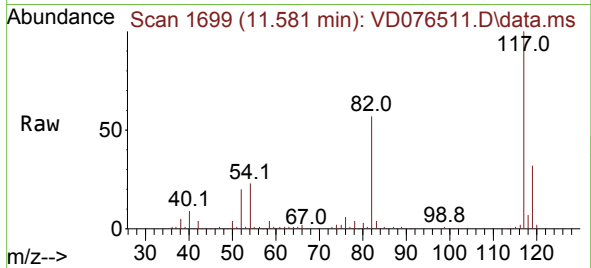




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

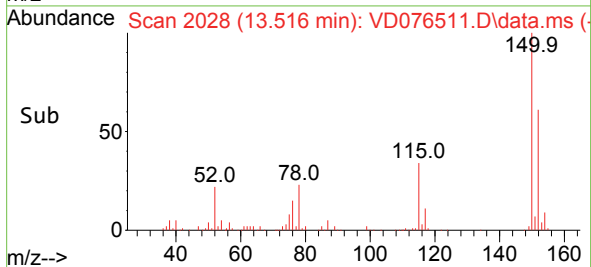
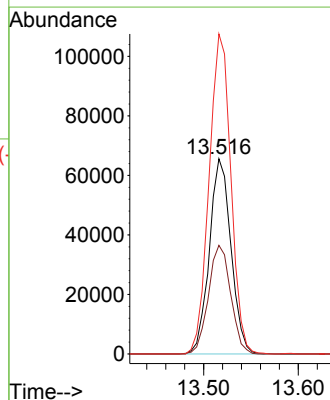
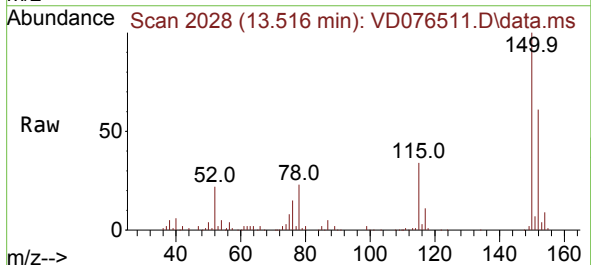
Instrument :
MSVOA_D
ClientSampleId :
WC-4

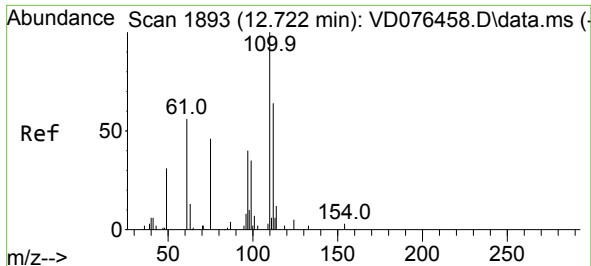
Tgt Ion:117 Resp: 264148
Ion Ratio Lower Upper
117 100
82 56.6 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

Tgt Ion:152 Resp: 104003
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 164.6 0.0 353.6

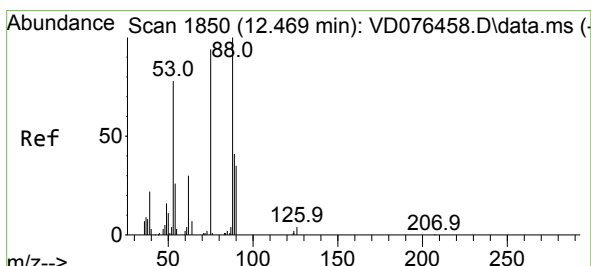
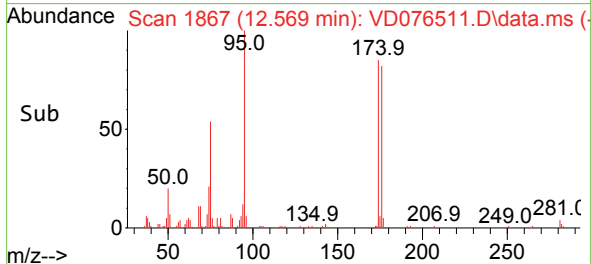
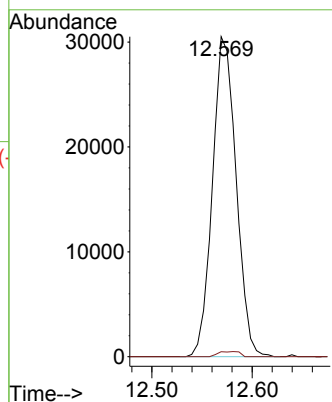
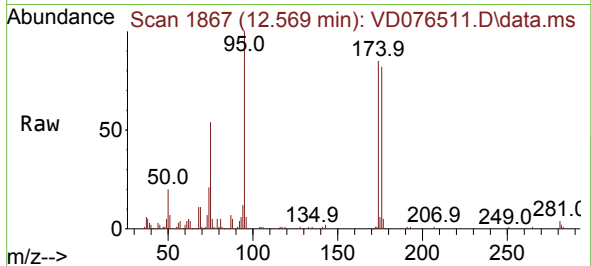




#76
1,2,3-Trichloropropane
Concen: 48.511 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

Instrument :
MSVOA_D
ClientSampleId :
WC-4

Tgt Ion: 75 Resp: 50073
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.298 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

Tgt Ion: 75 Resp: 50073
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.0 37.9 56.9#

