

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075597.D
 Acq On : 07 Apr 2023 13:08
 Operator : KP/SY
 Sample : VD0407SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0407SBL01

Quant Time: Apr 10 02:03:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

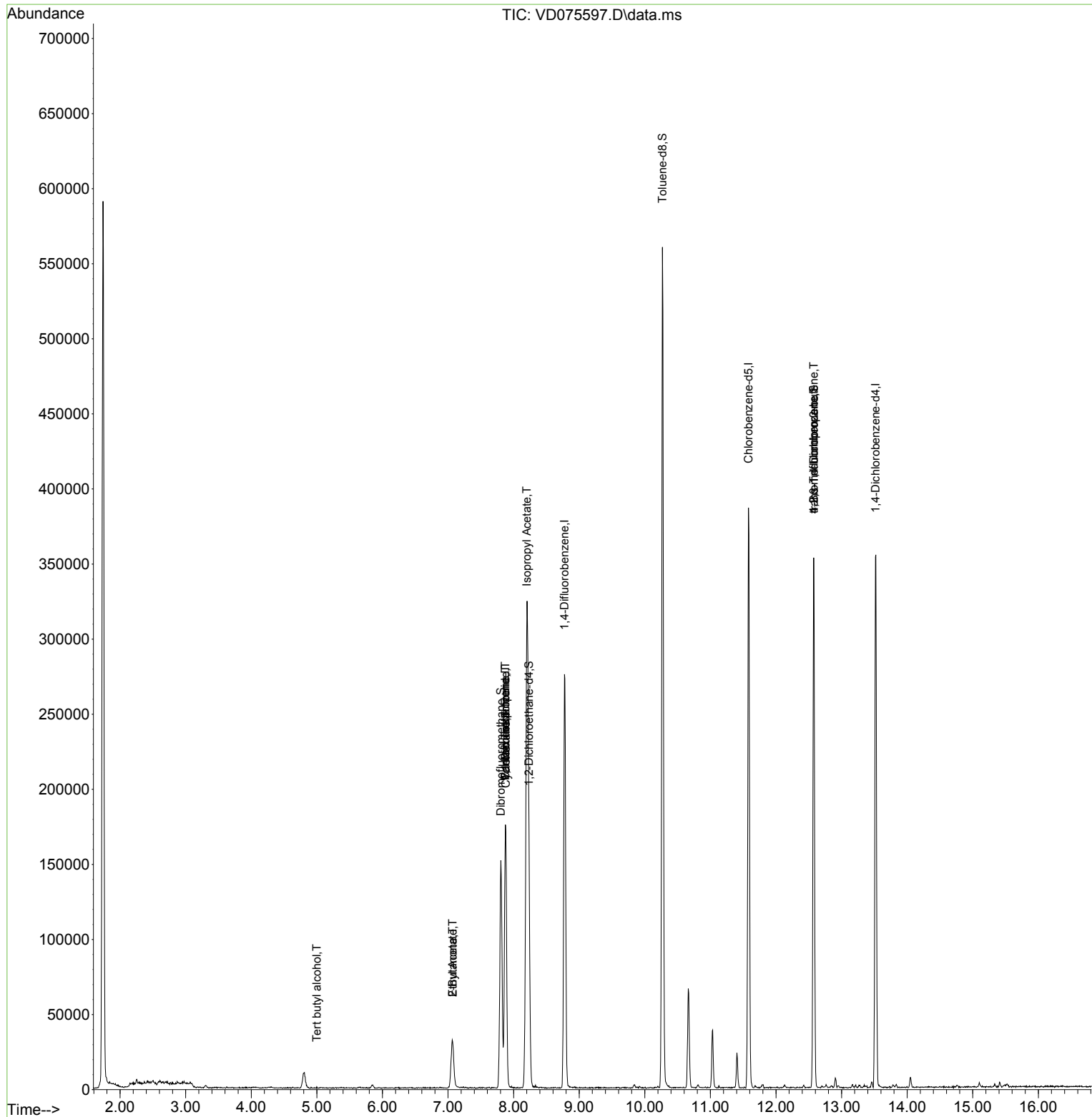
Internal Standards						
1) Pentafluorobenzene	7.875	168	147429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	92705	69.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.600%
35) Dibromofluoromethane	7.805	113	111083	58.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.780%
50) Toluene-d8	10.269	98	407756	54.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.440%
62) 4-Bromofluorobenzene	12.575	95	106313	49.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	644	Below Cal	#	40
11) Tert butyl alcohol	4.999	59	74	1.198	ug/l #	100
16) Acetone	4.034	43	643	Below Cal	#	44
20) Methylene Chloride	4.799	84	9863	Below Cal	#	67
25) 2-Butanone	7.069	43	1324	4.244	ug/l #	50
31) Cyclohexane	7.881	56	3063	1.285	ug/l #	52
36) 1,1-Dichloropropene	7.875	75	10794	3.862	ug/l #	50
37) Ethyl Acetate	7.069	43	1324	1.818	ug/l #	80
38) Carbon Tetrachloride	7.875	117	13865	5.177	ug/l #	16
43) Isopropyl Acetate	8.199	43	5315	3.944	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	52296	61.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52296	128.556	ug/l #	5

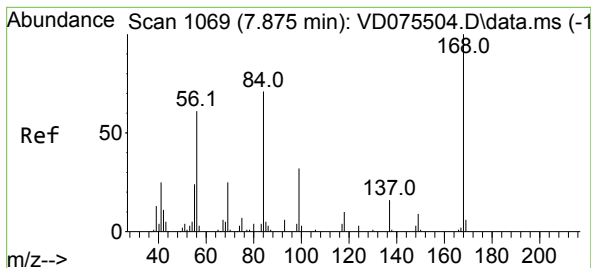
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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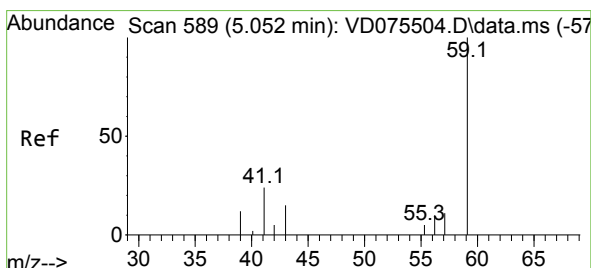
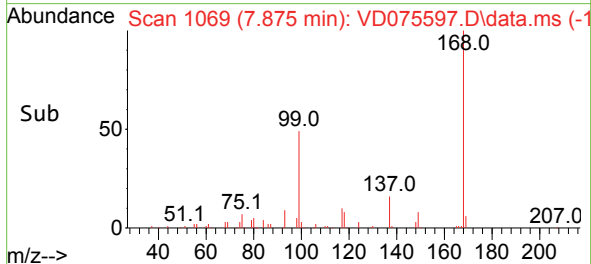
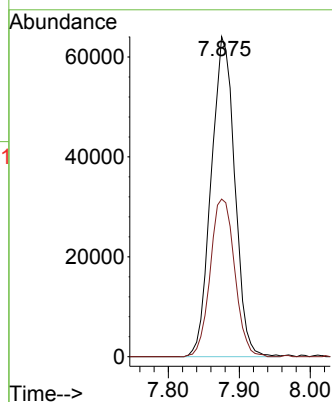
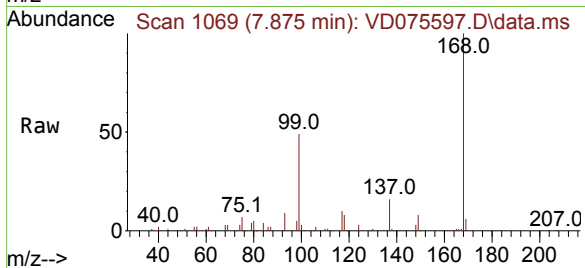




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

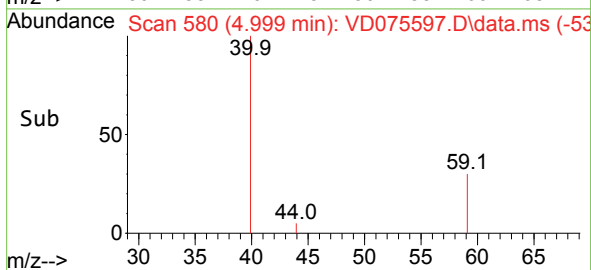
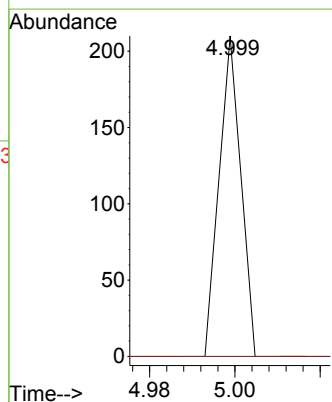
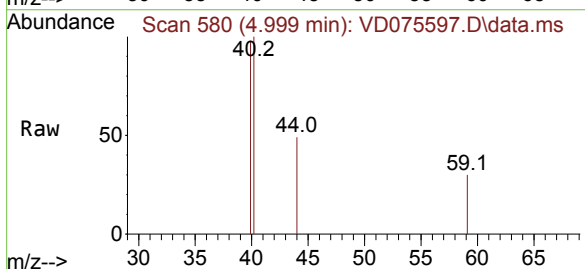
Instrument :
MSVOA_D
ClientSampleId :
VD0407SBL01

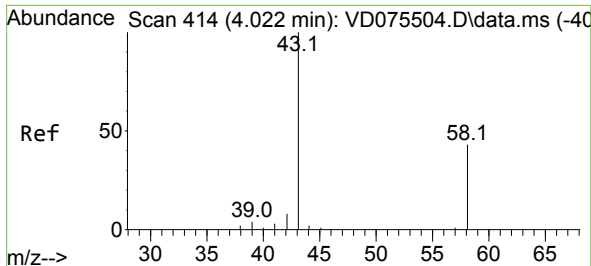
Tgt Ion:168 Resp: 147429
Ion Ratio Lower Upper
168 100
99 49.2 43.8 65.6



#11
Tert butyl alcohol
Concen: 1.198 ug/l
RT: 4.999 min Scan# 580
Delta R.T. -0.059 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0





#16

Acetone

Concen: Below Cal

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

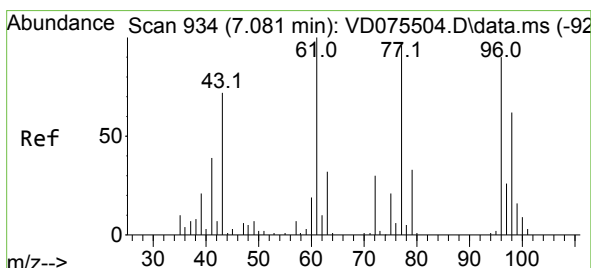
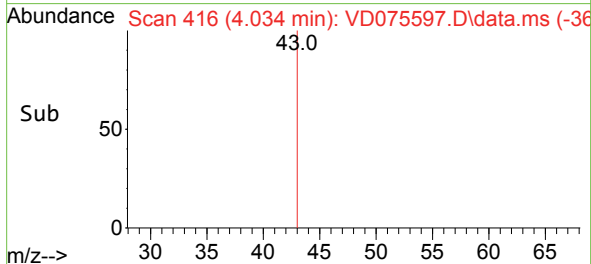
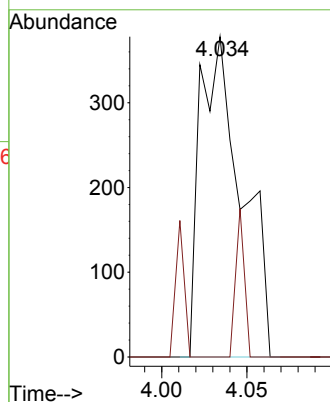
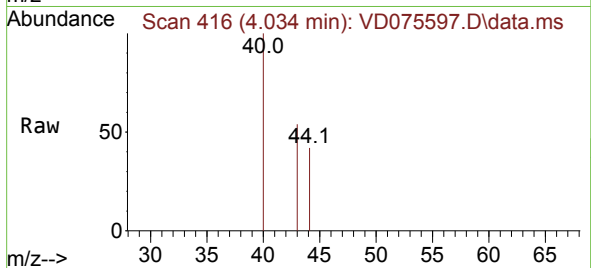
VD0407SBL01

Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#25

2-Butanone

Concen: 4.244 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD075597.D

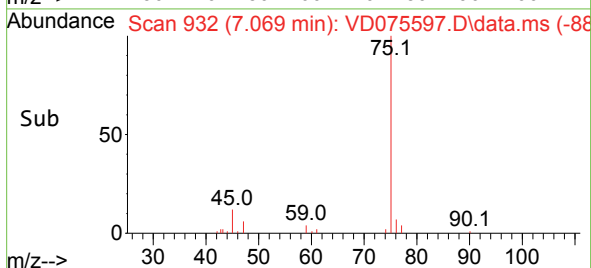
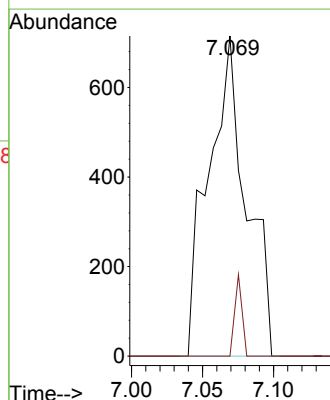
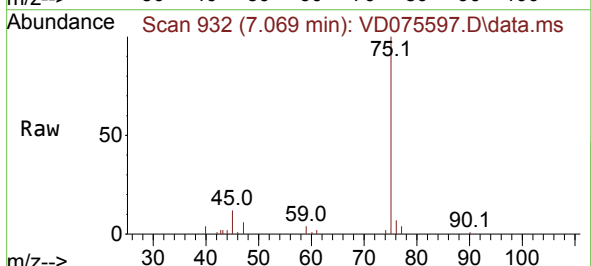
Acq: 07 Apr 2023 13:08

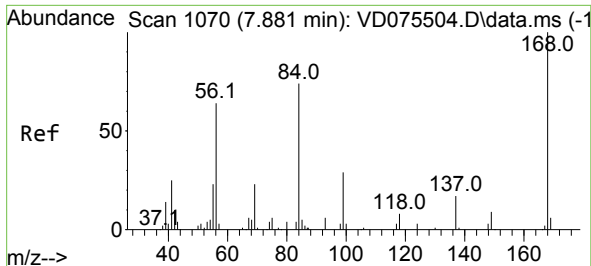
Tgt Ion: 43 Resp: 1324

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#

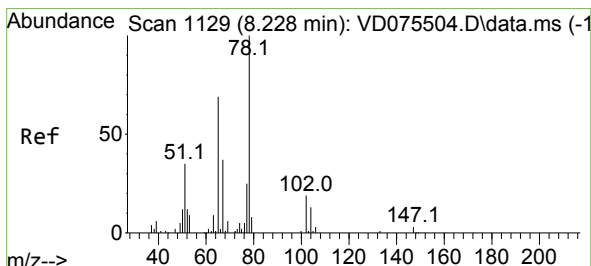
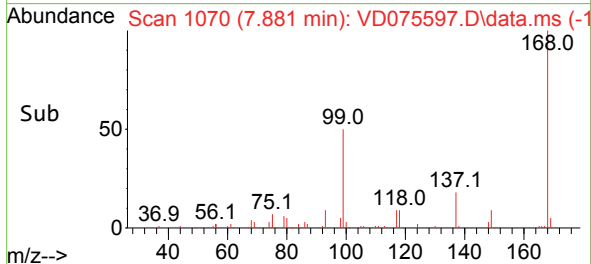
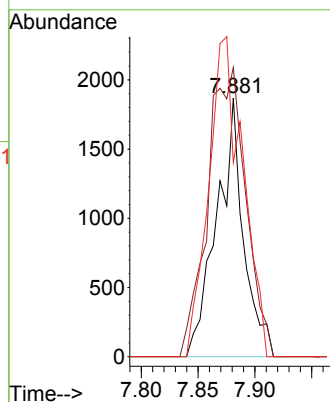
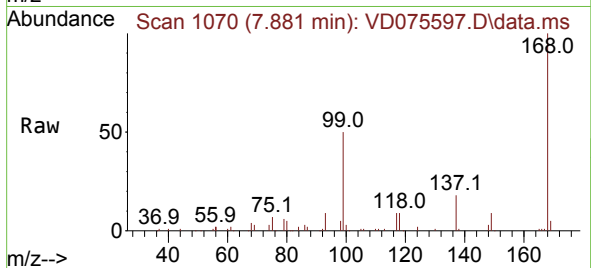




#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

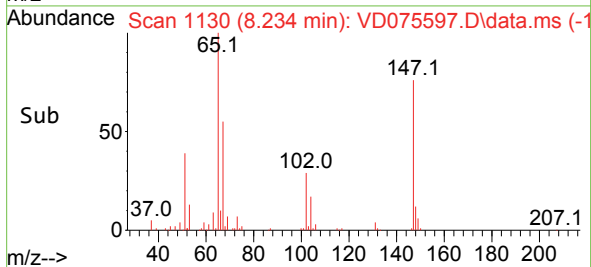
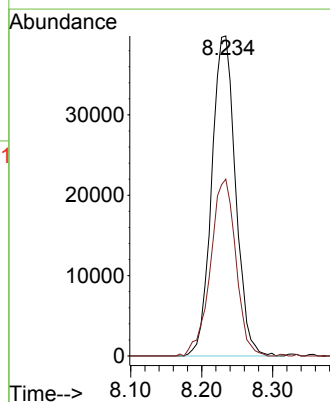
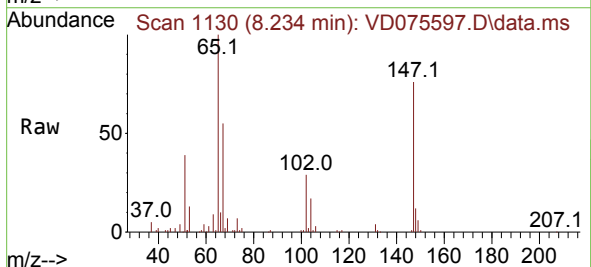
Instrument :
MSVOA_D
ClientSampleId :
VD0407SBL01

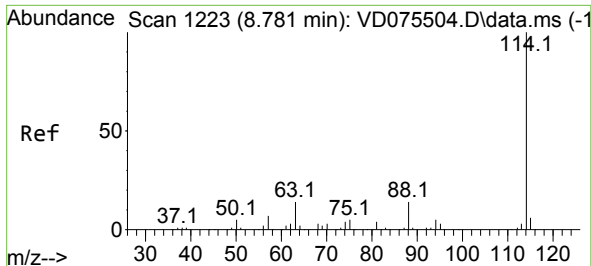
Tgt Ion: 56 Resp: 3063
Ion Ratio Lower Upper
56 100
69 111.8 25.5 38.3#
84 75.1 69.6 104.4



#33
1,2-Dichloroethane-d4
Concen: 69.299 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

Tgt Ion: 65 Resp: 92705
Ion Ratio Lower Upper
65 100
67 58.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0407SBL01

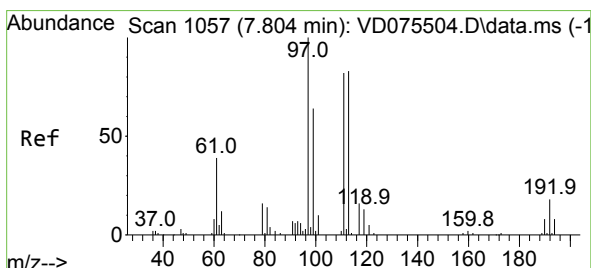
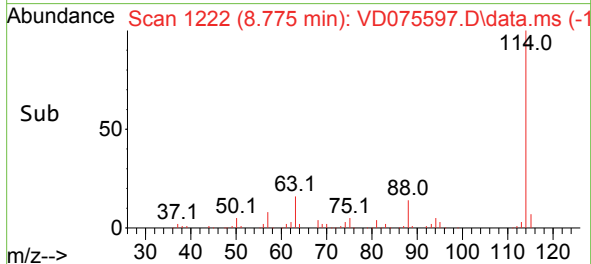
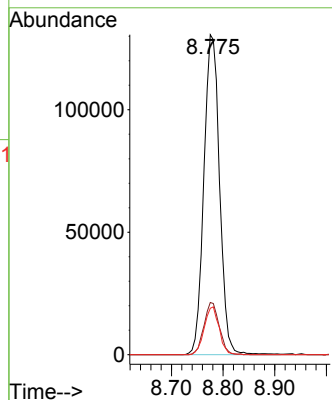
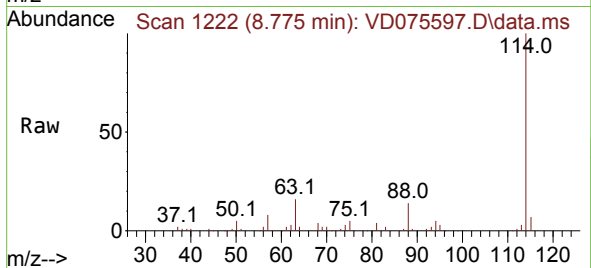
Tgt Ion:114 Resp: 275390

Ion Ratio Lower Upper

114 100

63 16.3 0.0 41.6

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.894 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

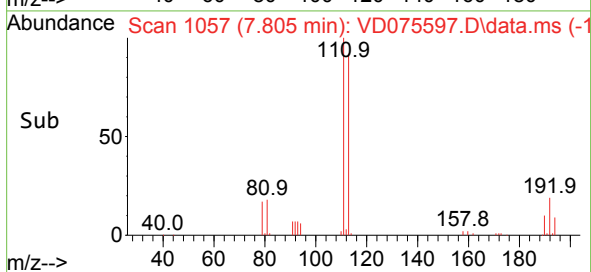
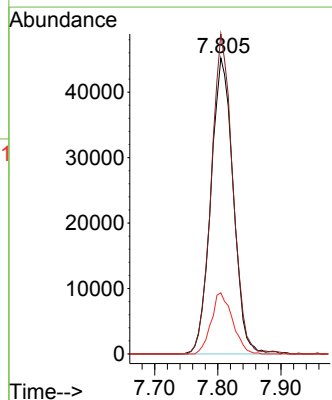
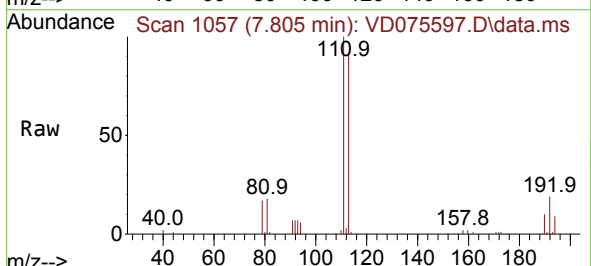
Tgt Ion:113 Resp: 111083

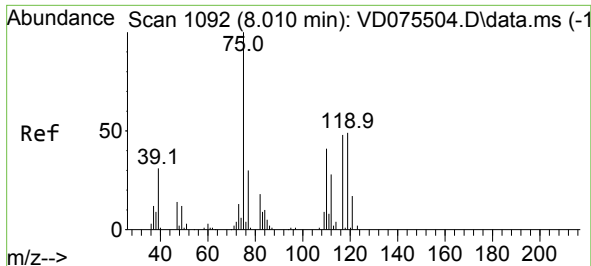
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 19.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 3.862 ug/l

RT: 7.875 min Scan# 1092

Delta R.T. -0.129 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0407SBL01

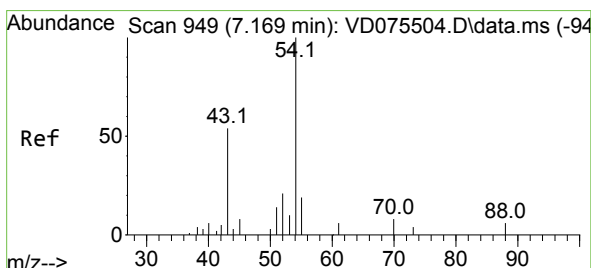
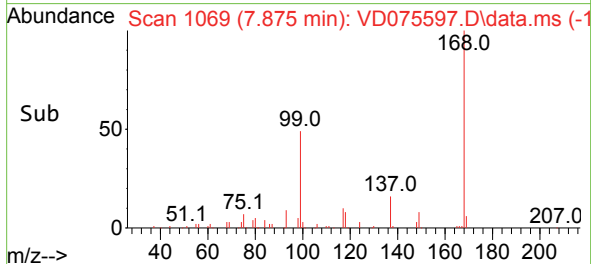
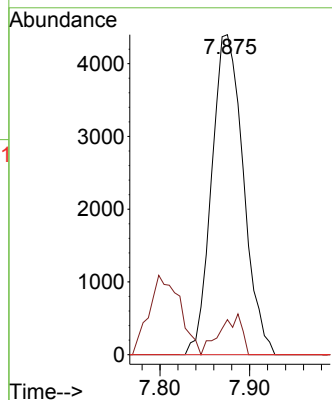
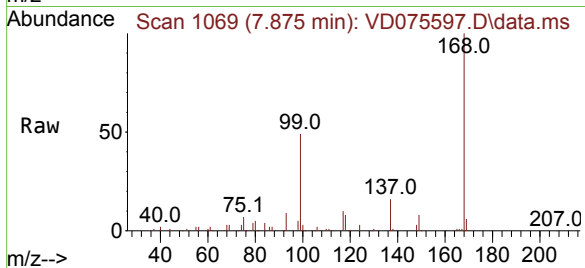
Tgt Ion: 75 Resp: 10794

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 1.818 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.100 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

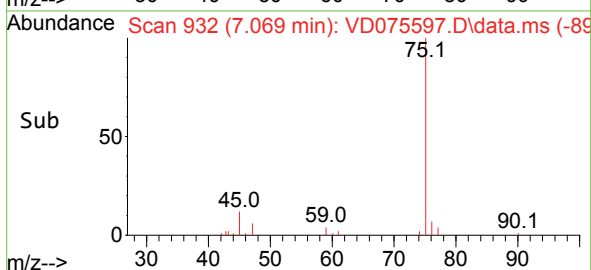
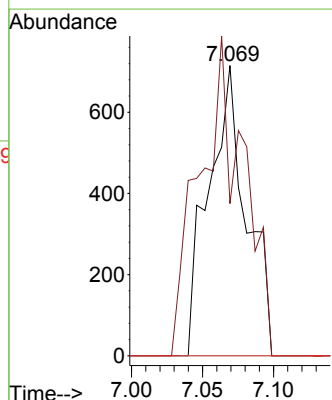
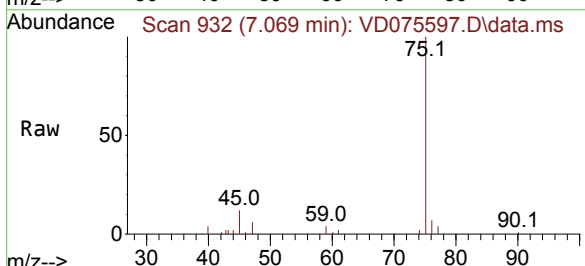
Tgt Ion: 43 Resp: 1324

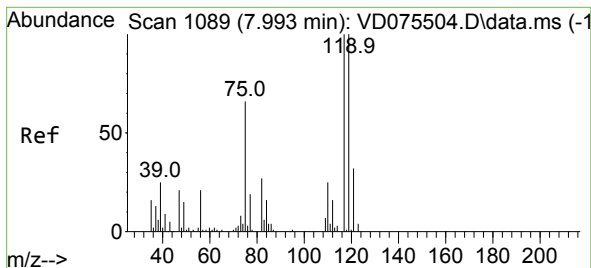
Ion Ratio Lower Upper

43 100

61 127.9 0.0 0.0#

70 0.0 5.6 8.4#





#38

Carbon Tetrachloride

Concen: 5.177 ug/l

RT: 7.875 min Scan# 110

Delta R.T. -0.118 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0407SBL01

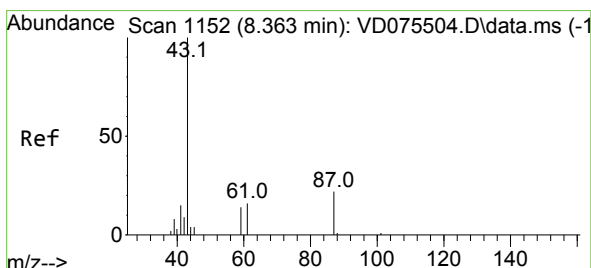
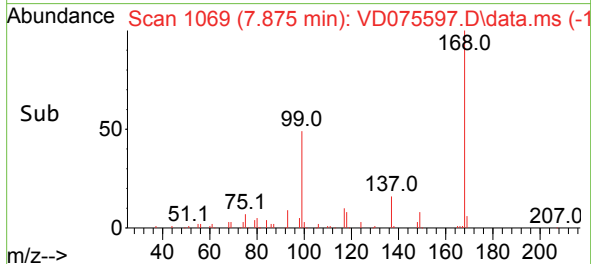
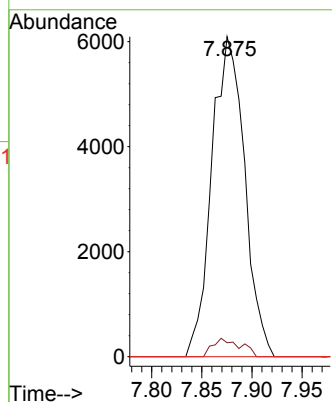
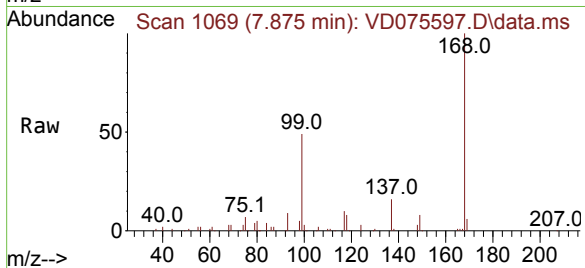
Tgt Ion:117 Resp: 13865

Ion Ratio Lower Upper

117 100

119 4.4 74.7 112.1#

121 0.0 25.9 38.9#



#43

Isopropyl Acetate

Concen: 3.944 ug/l

RT: 8.199 min Scan# 1124

Delta R.T. -0.165 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

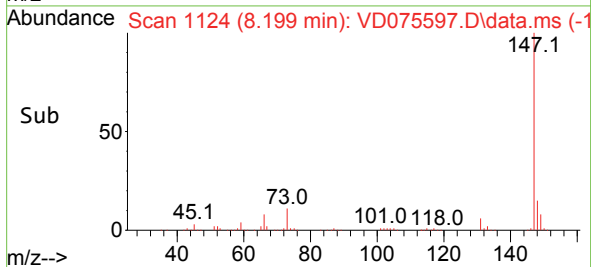
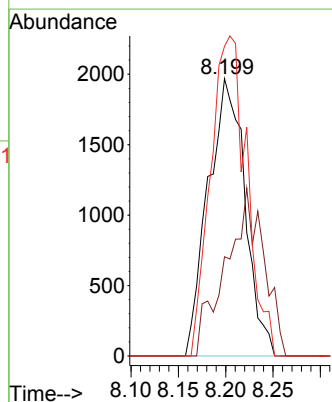
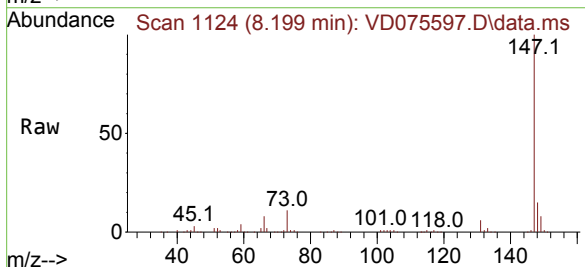
Tgt Ion: 43 Resp: 5315

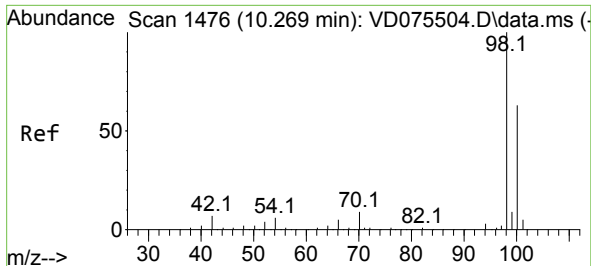
Ion Ratio Lower Upper

43 100

61 0.0 23.4 35.0#

87 113.7 9.5 14.3#

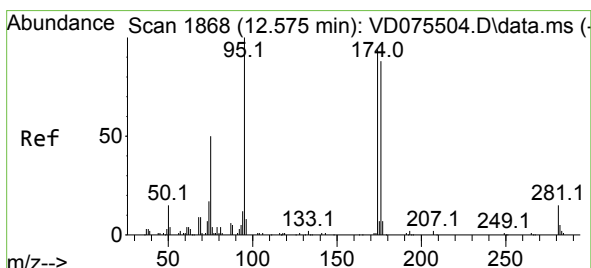
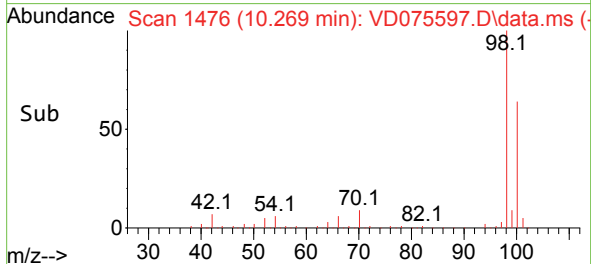
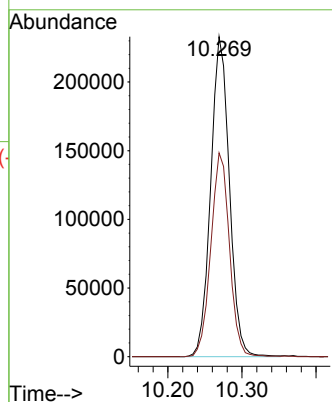
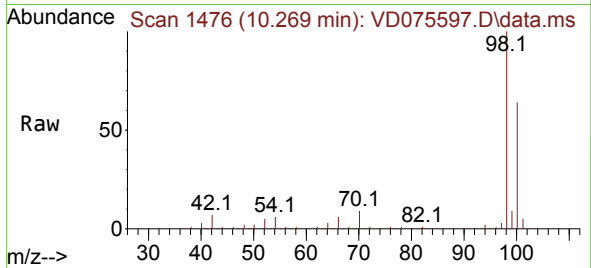




#50
Toluene-d8
Concen: 54.724 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

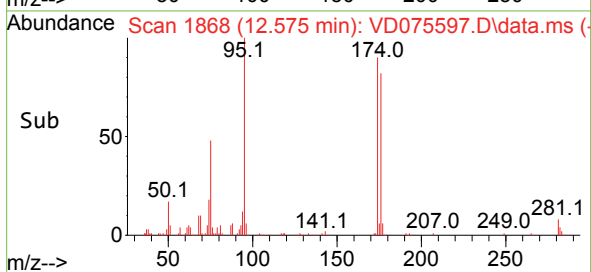
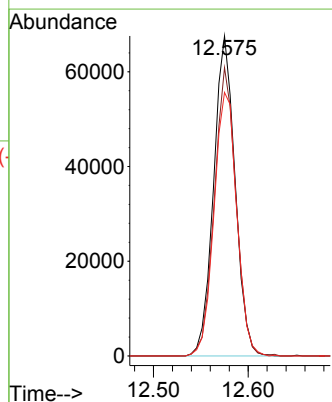
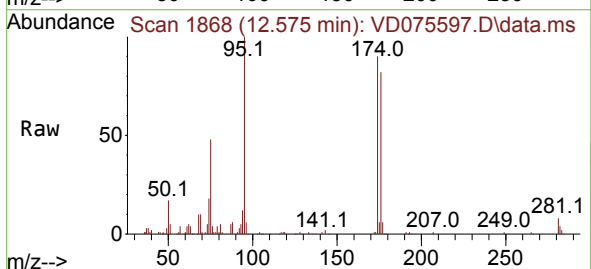
Instrument :
MSVOA_D
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VD0407SBL01

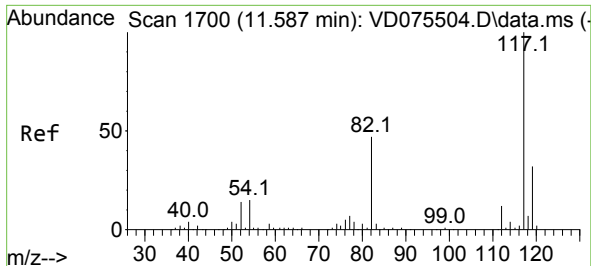
Tgt Ion: 98 Resp: 407756
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.356 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

Tgt Ion: 95 Resp: 106313
Ion Ratio Lower Upper
95 100
174 91.0 0.0 164.0
176 87.5 0.0 156.8

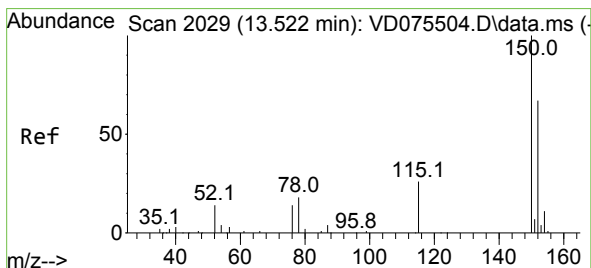
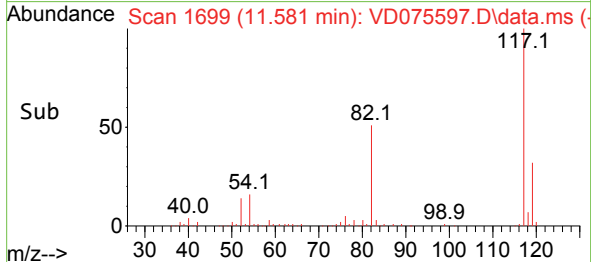
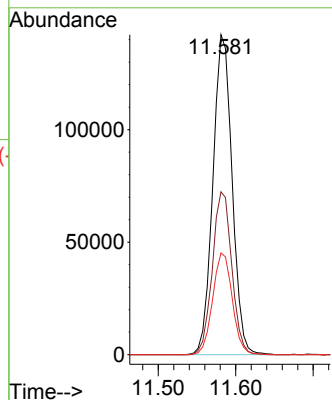
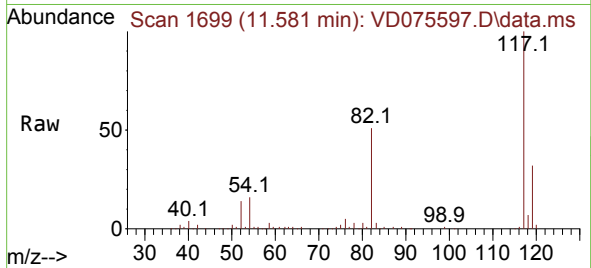




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

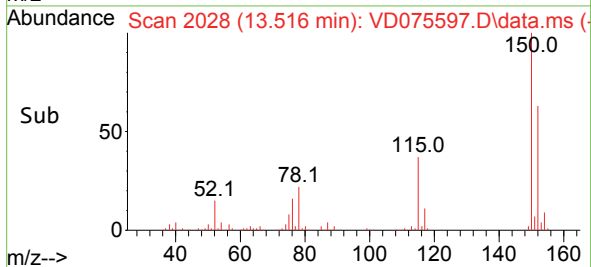
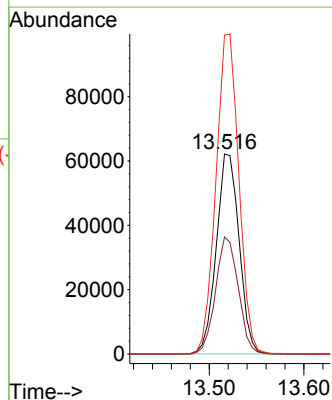
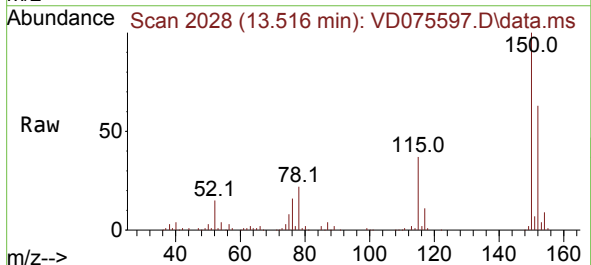
Instrument :
MSVOA_D
ClientSampleId :
VD0407SBL01

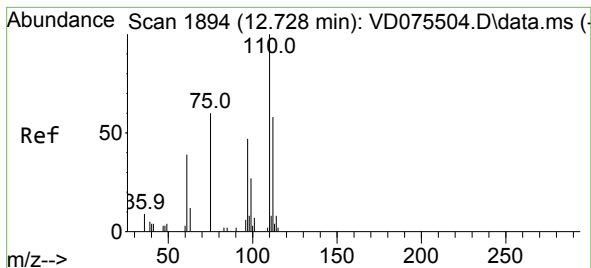
Tgt Ion:117 Resp: 245104
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075597.D
Acq: 07 Apr 2023 13:08

Tgt Ion:152 Resp: 104330
Ion Ratio Lower Upper
152 100
115 58.0 30.1 90.3
150 160.6 0.0 364.8





#76

1,2,3-Trichloropropane

Concen: 61.118 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

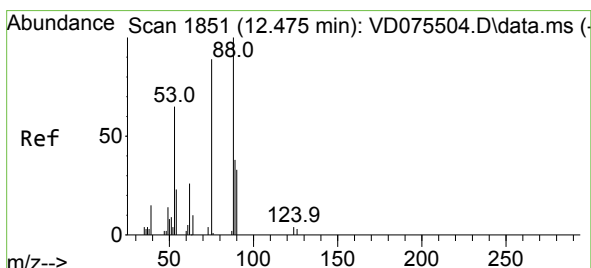
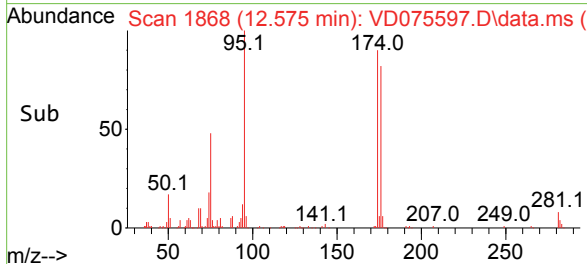
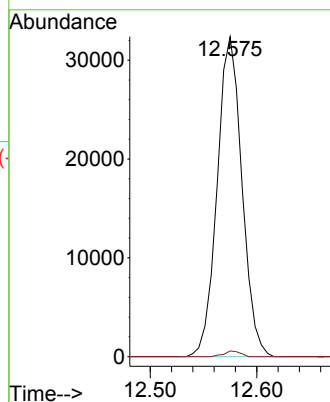
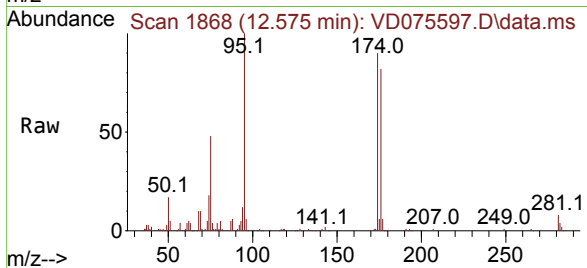
VD0407SBL01

Tgt Ion: 75 Resp: 52296

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.556 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD075597.D

Acq: 07 Apr 2023 13:08

Tgt Ion: 75 Resp: 52296

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 40.2 60.4#

