

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075130.D
 Acq On : 18 Jan 2023 13:38
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jan 19 01:37:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

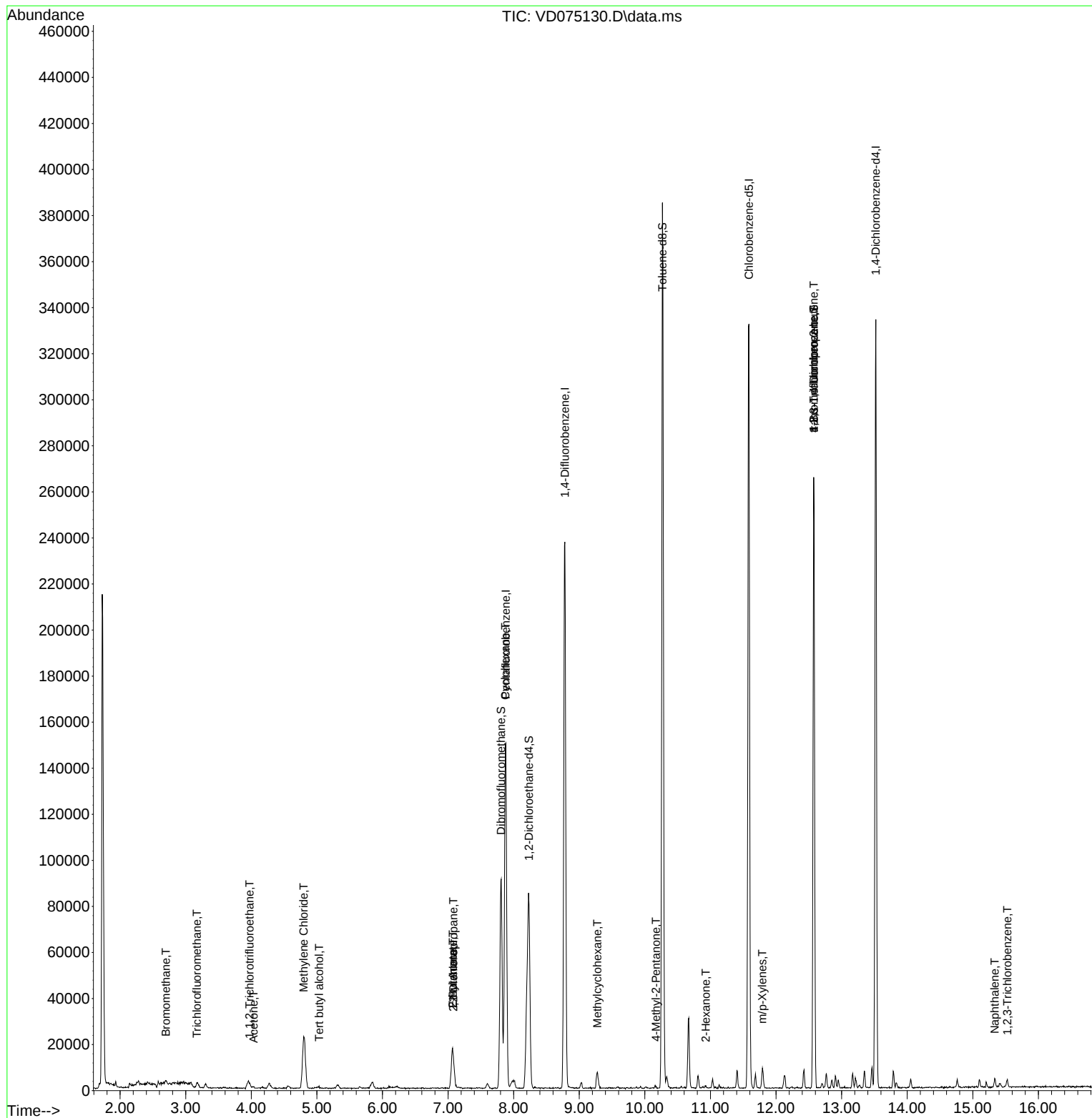
Internal Standards						
1) Pentafluorobenzene	7.881	168	116149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	197314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58536	49.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.810	113	65427	49.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.269	98	261555	49.913	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.575	95	83905	50.451	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	1332	Below Cal		92
5) Bromomethane	2.699	94	1113	1.017	ug/l	90
7) Trichlorofluoromethane	3.169	101	2390	1.168	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	1648	1.305	ug/l	88
11) Tert butyl alcohol	5.034	59	168	2.032	ug/l #	89
16) Acetone	4.034	43	1167	3.733	ug/l #	42
20) Methylene Chloride	4.799	84	17782	3.625	ug/l	96
25) 2-Butanone	7.075	43	1490	3.944	ug/l #	50
26) 2,2-Dichloropropane	7.081	77	2643	1.174	ug/l #	51
31) Cyclohexane	7.875	56	5440	2.289	ug/l #	47
37) Ethyl Acetate	7.075	43	1490	1.730	ug/l #	1
39) Methylcyclohexane	9.275	83	3141	1.192	ug/l	94
51) 4-Methyl-2-Pentanone	10.169	43	809	1.005	ug/l #	77
59) 2-Hexanone	10.928	43	783	1.345	ug/l	82
68) m/p-Xylenes	11.792	106	3079	1.095	ug/l	90
76) 1,2,3-Trichloropropane	12.575	75	43403	59.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	43403	137.829	ug/l #	14
95) Naphthalene	15.333	128	4258	1.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	1619	1.120	ug/l	91

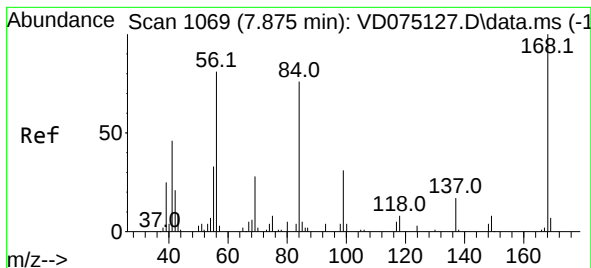
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
Data File : VD075130.D
Acq On : 18 Jan 2023 13:38
Operator : KP/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jan 19 01:37:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075130.D

Acq: 18 Jan 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

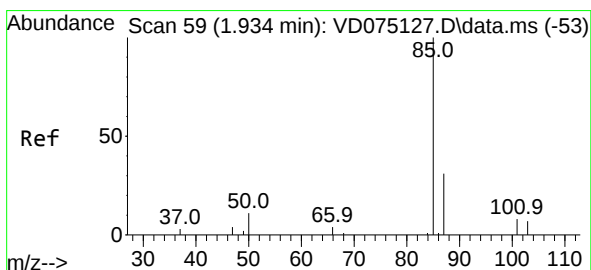
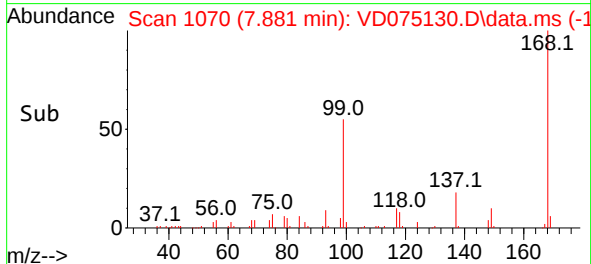
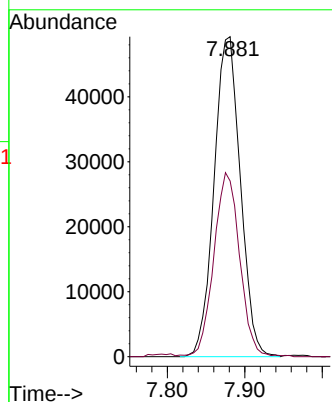
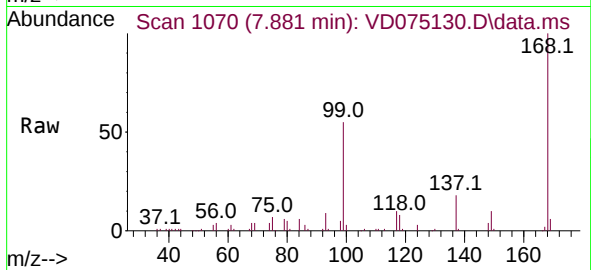
VIBLK

Tgt Ion:168 Resp: 116149

Ion Ratio Lower Upper

168 100

99 54.5 45.2 67.8



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD075130.D

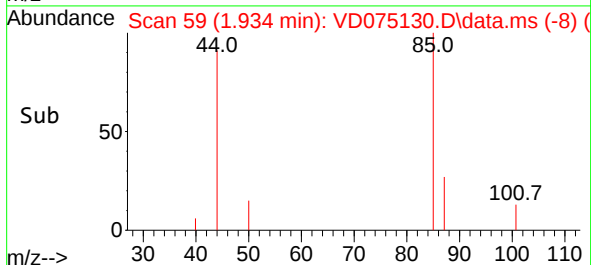
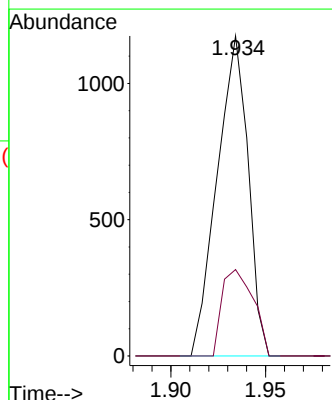
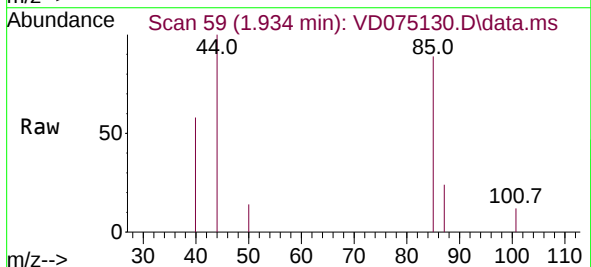
Acq: 18 Jan 2023 13:38

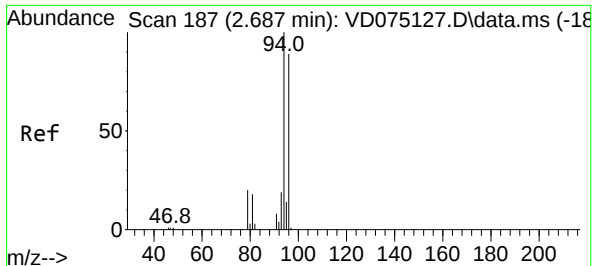
Tgt Ion: 85 Resp: 1332

Ion Ratio Lower Upper

85 100

87 27.0 15.7 47.0

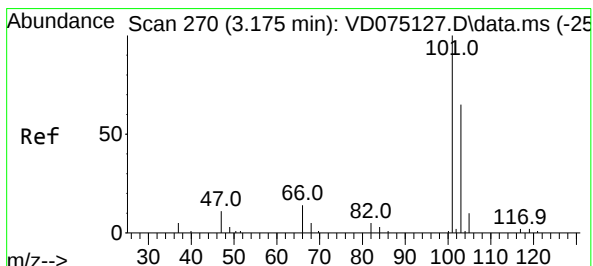
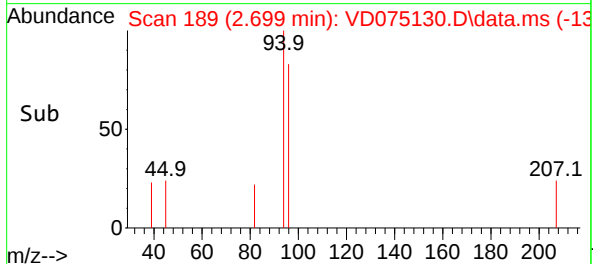
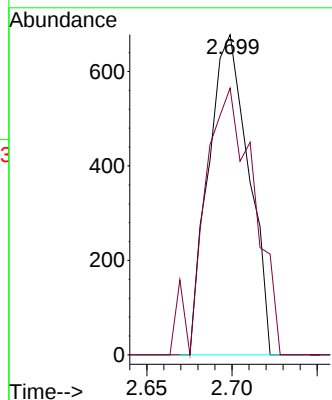
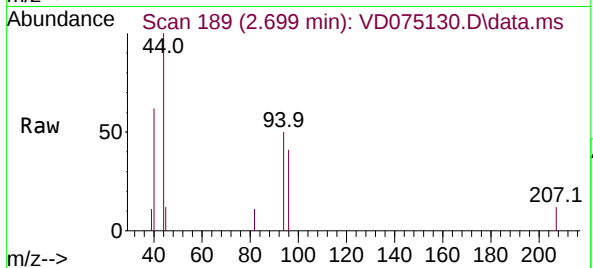




#5
Bromomethane
Concen: 1.017 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

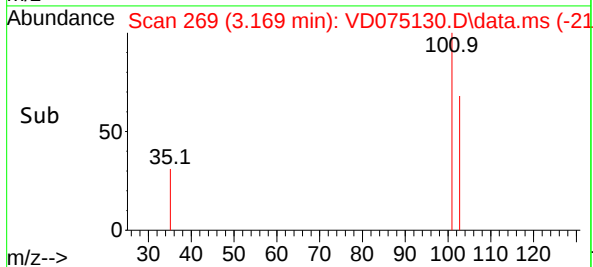
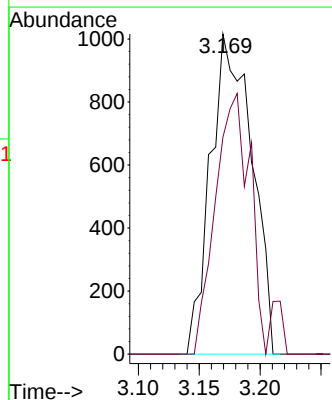
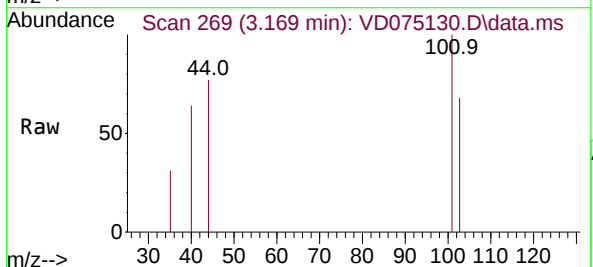
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

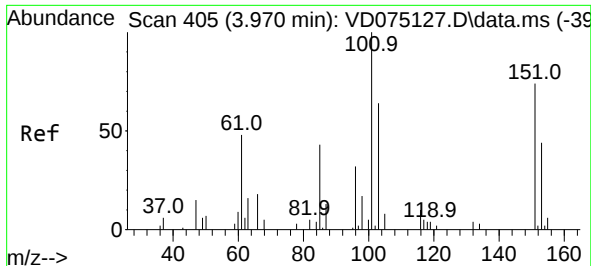
Tgt Ion: 94 Resp: 1113
Ion Ratio Lower Upper
94 100
96 102.7 74.8 112.2



#7
Trichlorofluoromethane
Concen: 1.168 ug/l
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 101 Resp: 2390
Ion Ratio Lower Upper
101 100
103 67.7 52.2 78.4

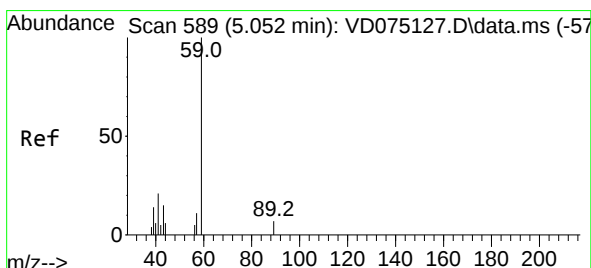
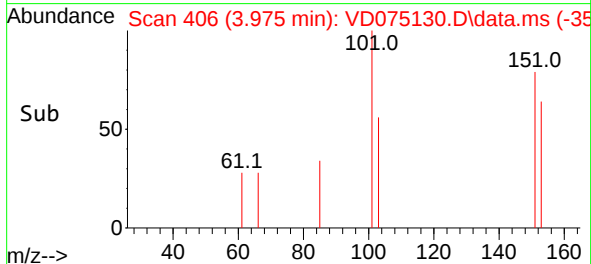
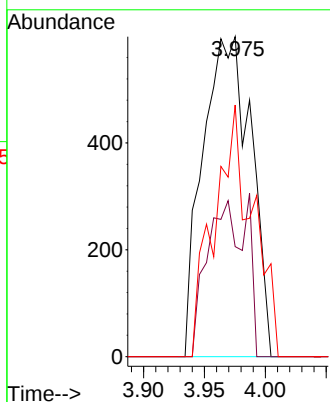
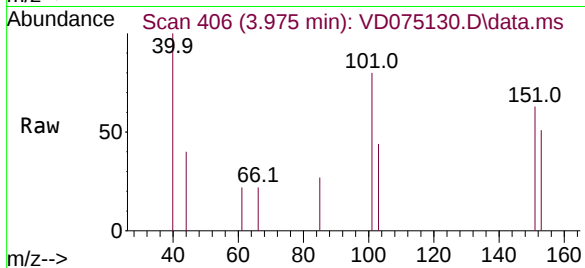




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.305 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

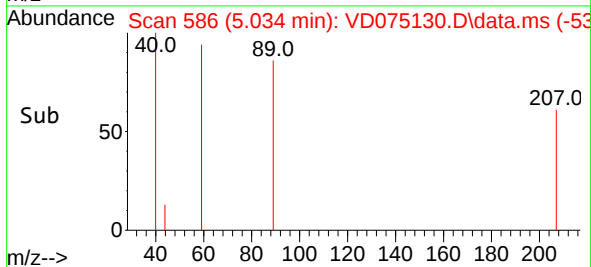
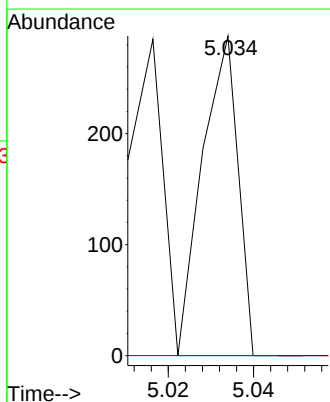
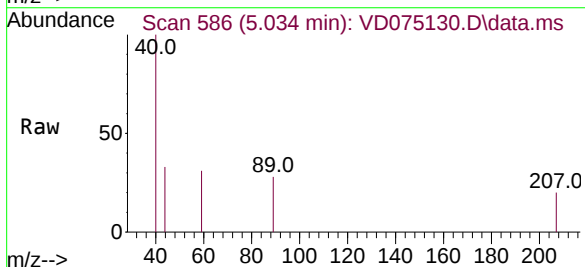
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

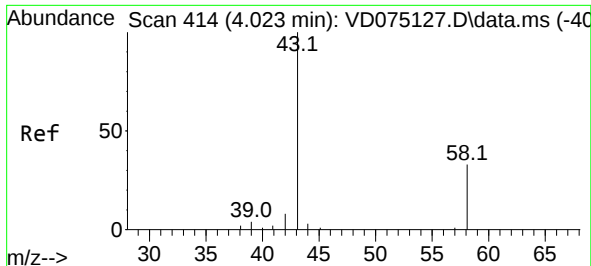
Tgt Ion:101 Resp: 1648
Ion Ratio Lower Upper
101 100
85 39.6 36.9 55.3
151 62.9 58.9 88.3



#11
Tert butyl alcohol
Concen: 2.032 ug/l
RT: 5.034 min Scan# 586
Delta R.T. -0.018 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#





#16

Acetone

Concen: 3.733 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075130.D

Acq: 18 Jan 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

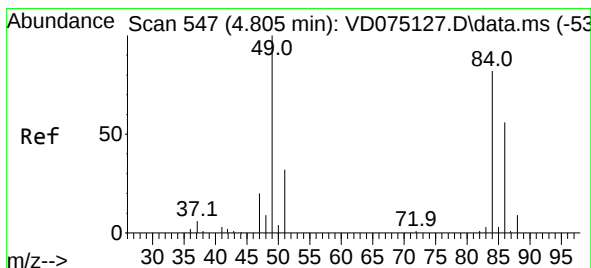
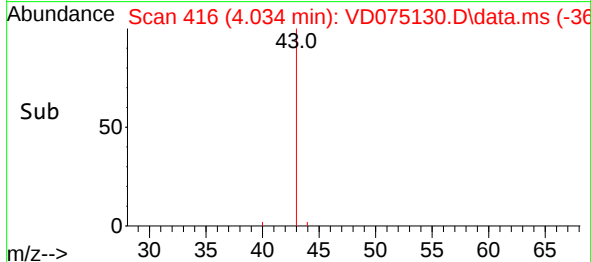
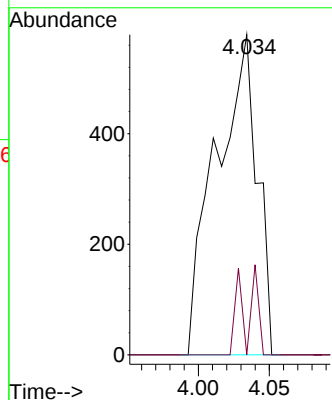
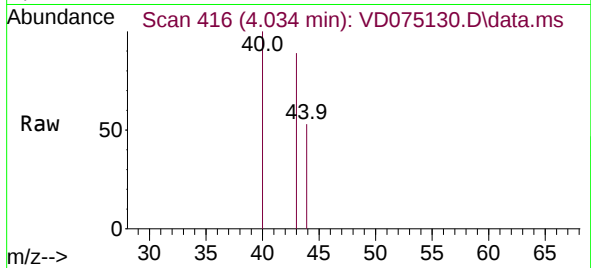
VIBLK

Tgt Ion: 43 Resp: 1167

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#



#20

Methylene Chloride

Concen: 3.625 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075130.D

Acq: 18 Jan 2023 13:38

Tgt Ion: 84 Resp: 17782

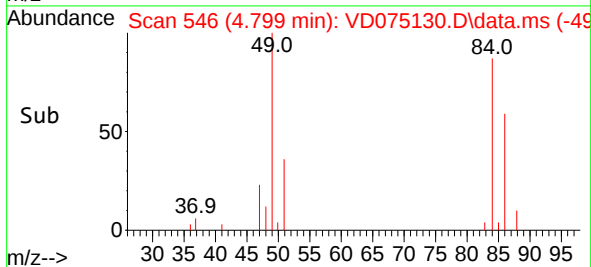
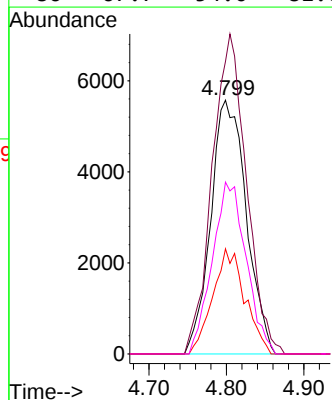
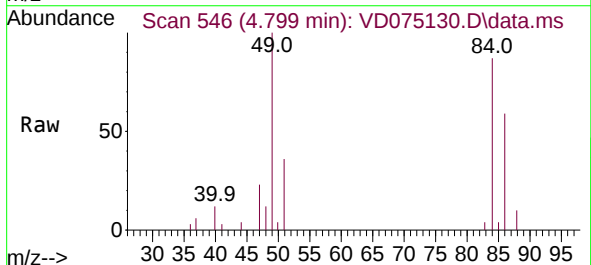
Ion Ratio Lower Upper

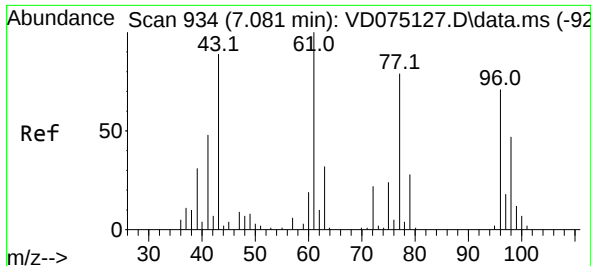
84 100

49 115.3 97.0 145.6

51 41.4 30.9 46.3

86 67.7 54.0 81.0





#25

2-Butanone

Concen: 3.944 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075130.D

Acq: 18 Jan 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

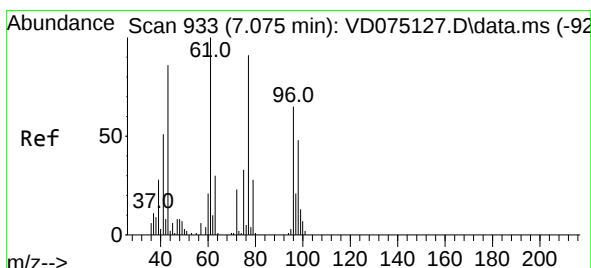
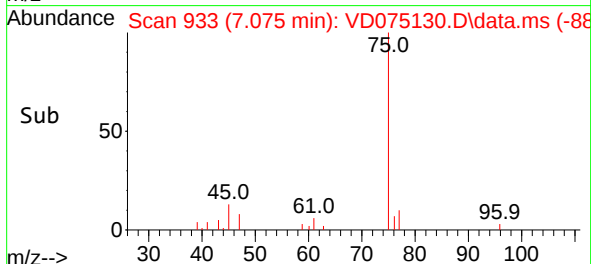
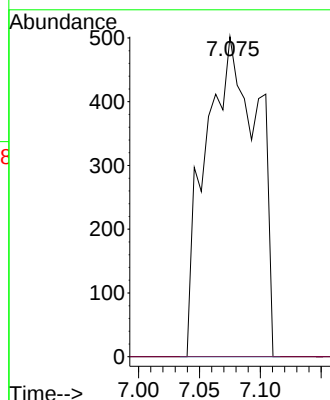
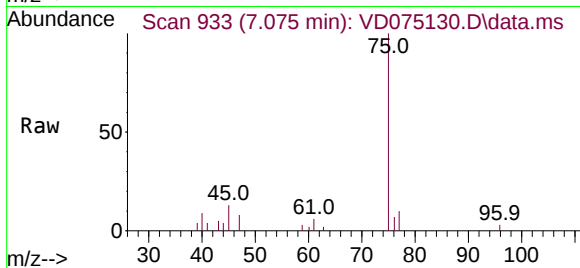
VIBLK

Tgt Ion: 43 Resp: 1490

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 1.174 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075130.D

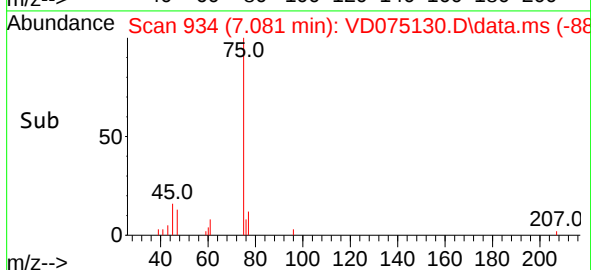
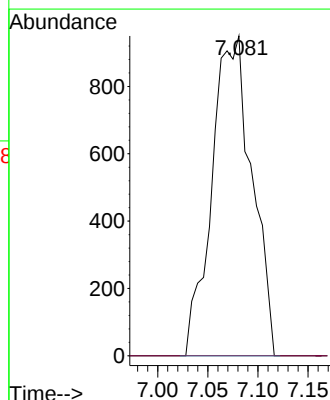
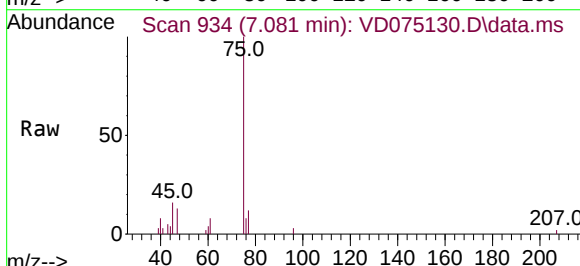
Acq: 18 Jan 2023 13:38

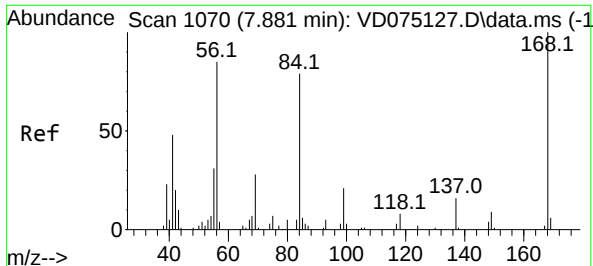
Tgt Ion: 77 Resp: 2643

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.0#

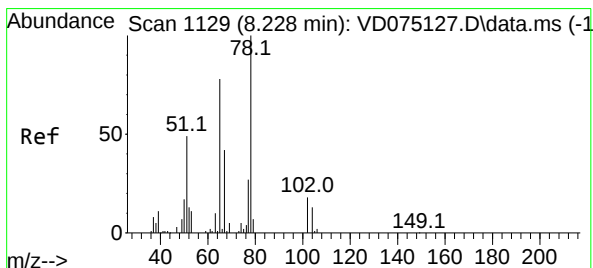
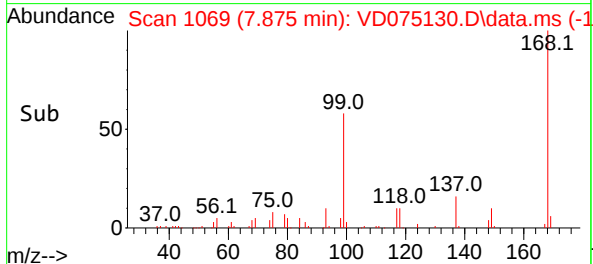
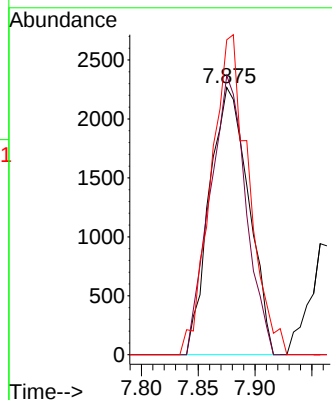
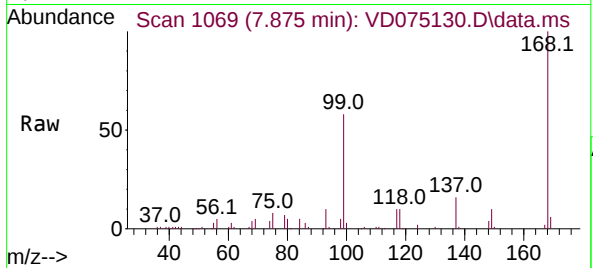




#31
Cyclohexane
Concen: 2.289 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

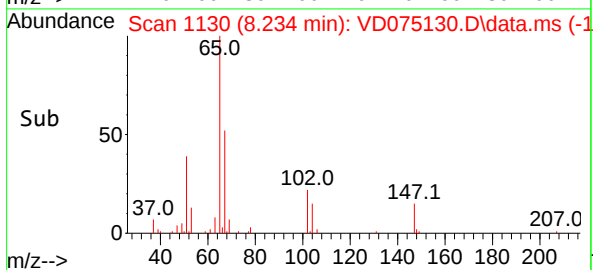
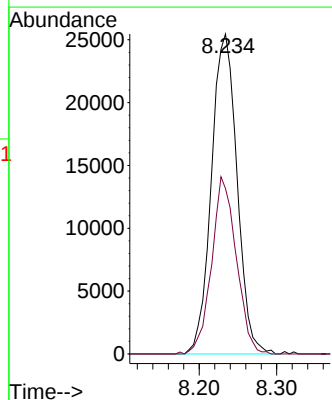
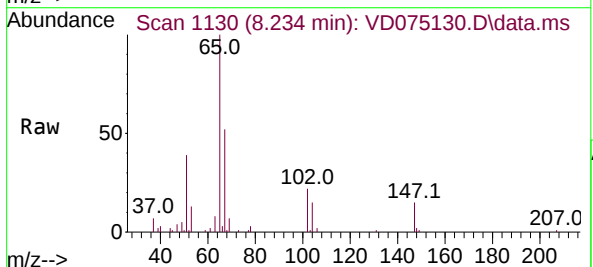
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

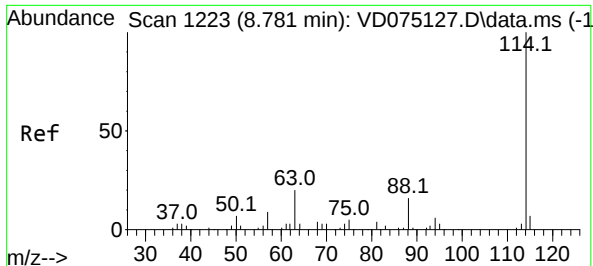
Tgt Ion: 56 Resp: 5440
Ion Ratio Lower Upper
56 100
69 104.4 26.6 40.0#
84 117.8 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 49.389 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 65 Resp: 58536
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075130.D

Acq: 18 Jan 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

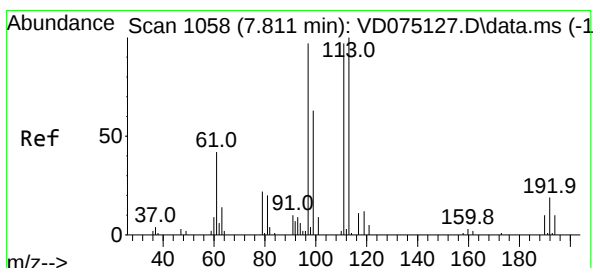
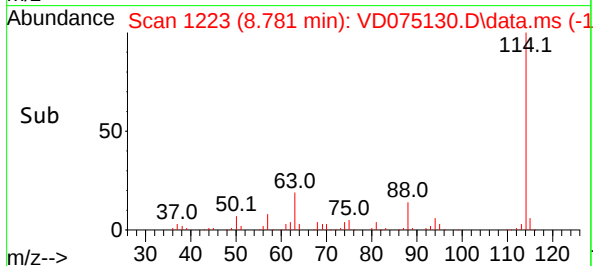
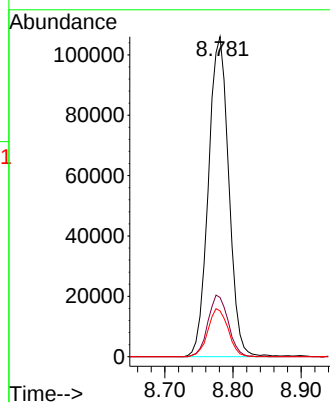
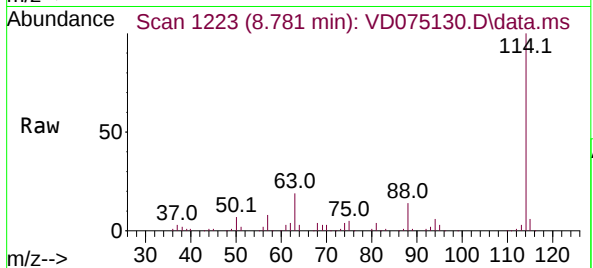
Tgt Ion:114 Resp: 220250

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.2

88 14.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.160 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075130.D

Acq: 18 Jan 2023 13:38

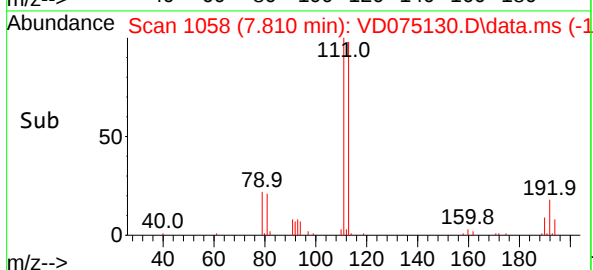
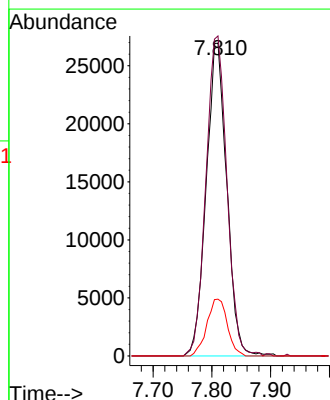
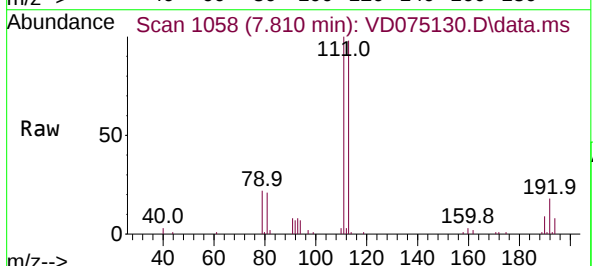
Tgt Ion:113 Resp: 65427

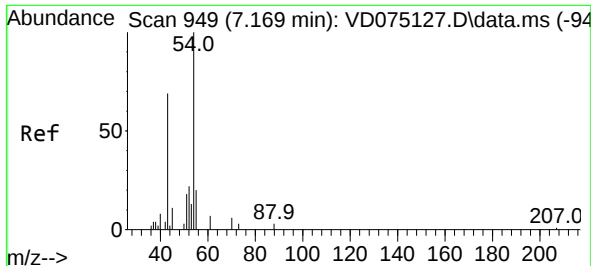
Ion Ratio Lower Upper

113 100

111 104.0 80.1 120.1

192 18.1 15.4 23.0

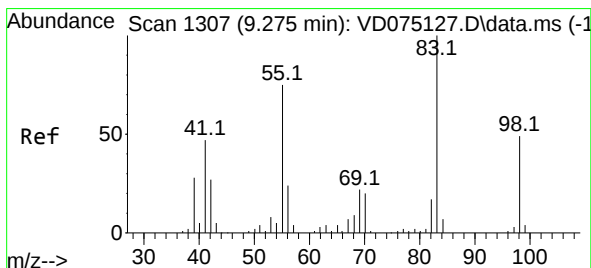
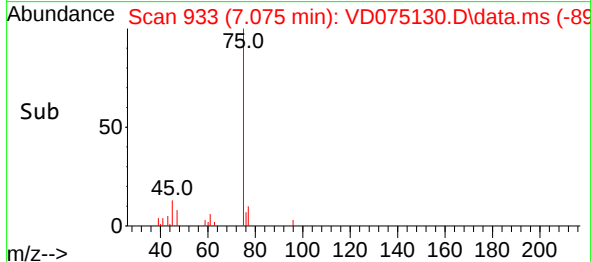
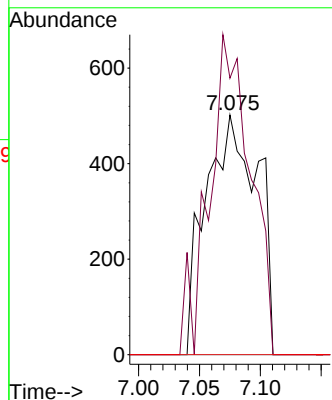
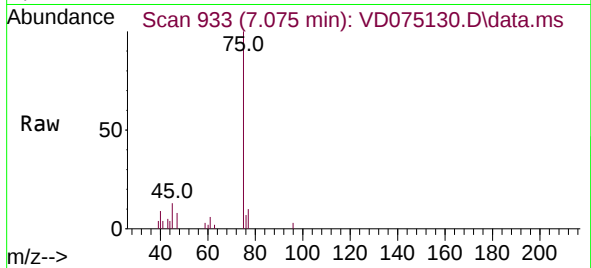




#37
Ethyl Acetate
Concen: 1.730 ug/l
RT: 7.075 min Scan# 913
Delta R.T. -0.094 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

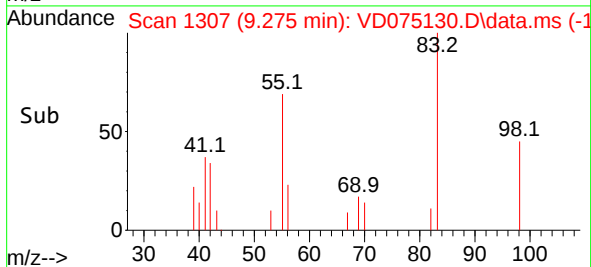
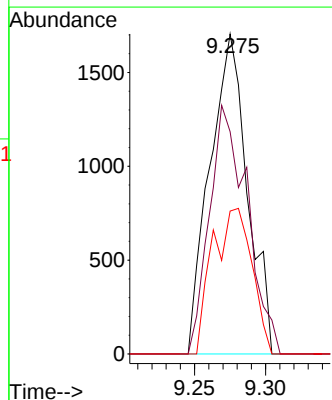
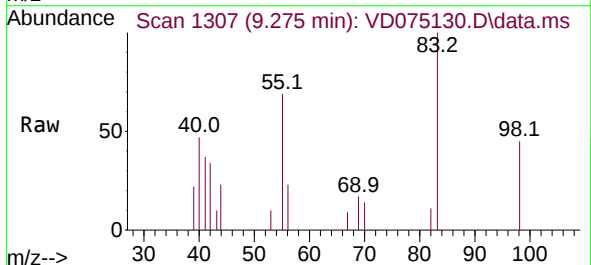
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

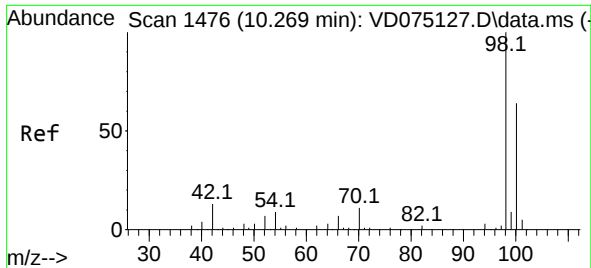
Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
61 106.4 11.7 17.5#
70 0.0 8.8 13.2#



#39
Methylcyclohexane
Concen: 1.192 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 83 Resp: 3141
Ion Ratio Lower Upper
83 100
55 69.4 60.0 90.0
98 44.6 39.0 58.4

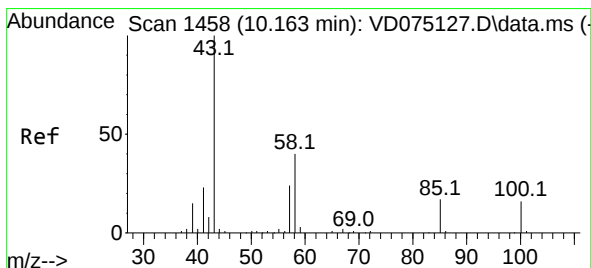
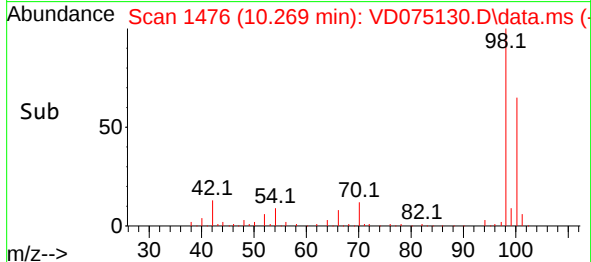
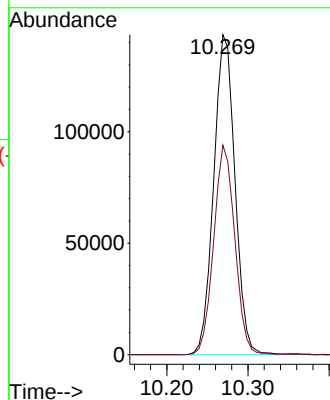
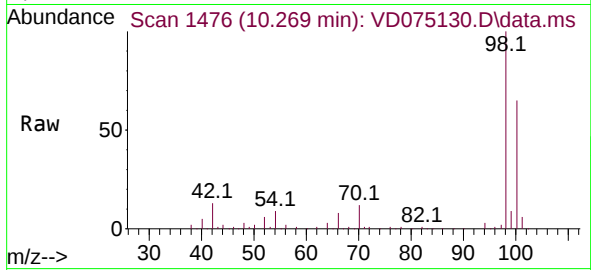




#50
Toluene-d8
Concen: 49.913 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

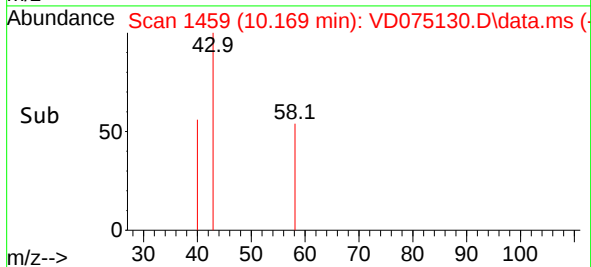
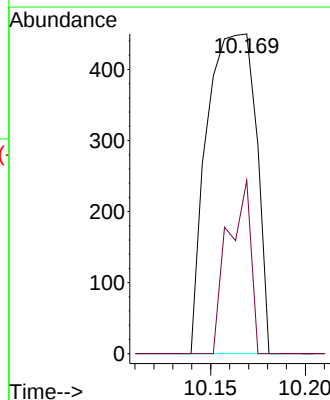
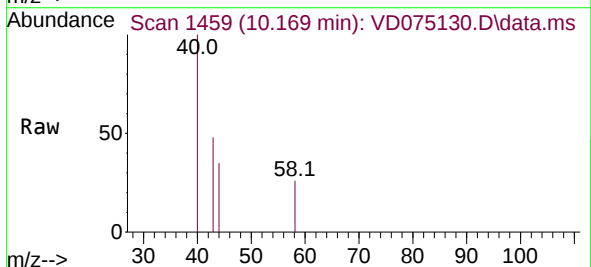
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

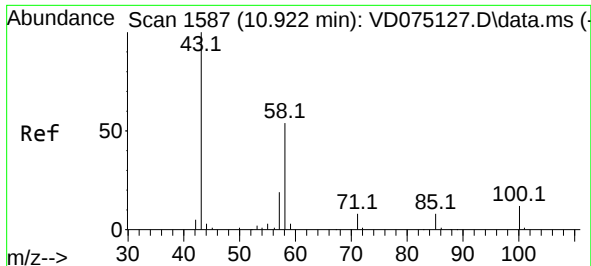
Tgt Ion: 98 Resp: 261555
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.005 ug/l
RT: 10.169 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 25.3 31.4 47.0#

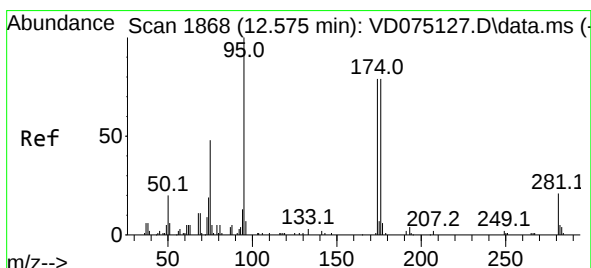
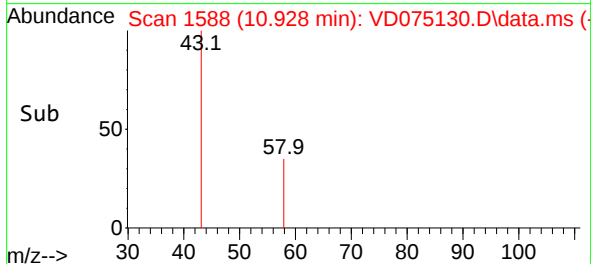
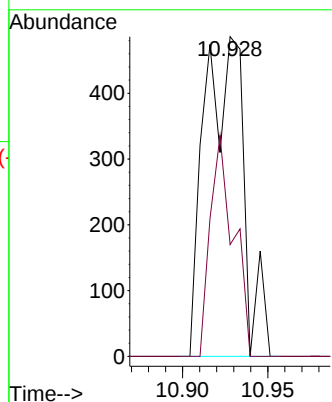
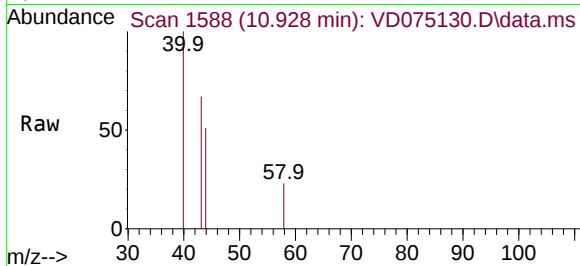




#59
2-Hexanone
Concen: 1.345 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

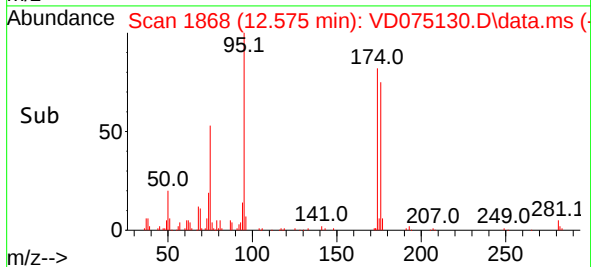
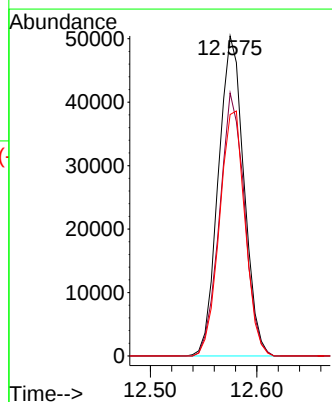
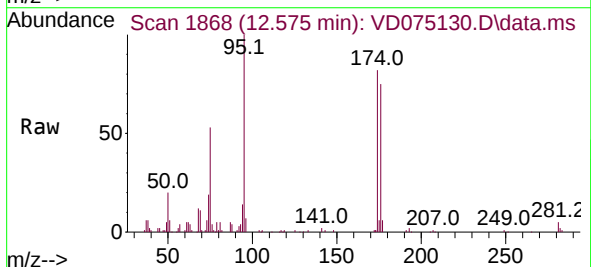
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

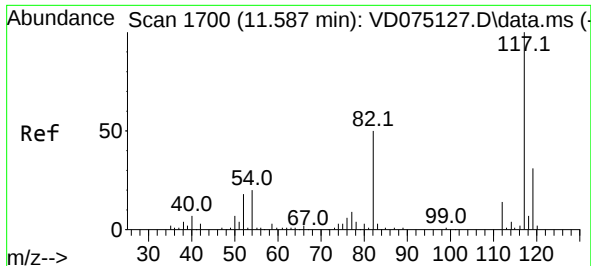
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 41.0 26.8 80.4



#62
4-Bromofluorobenzene
Concen: 50.451 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 95 Resp: 83905
Ion Ratio Lower Upper
95 100
174 80.1 0.0 161.2
176 76.5 0.0 160.2

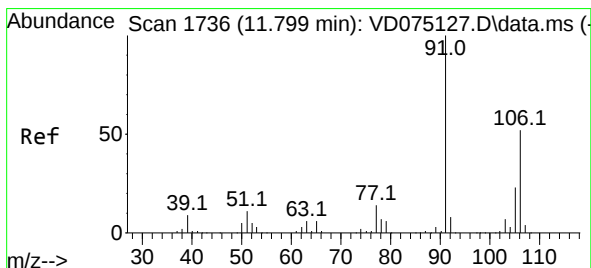
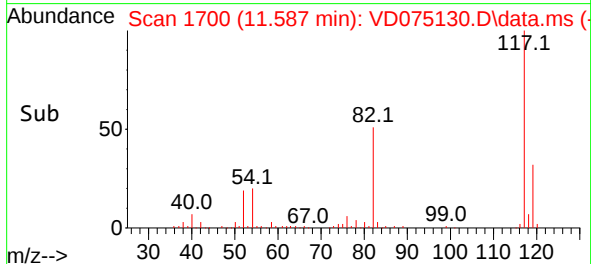
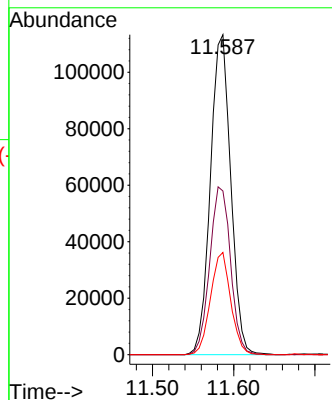
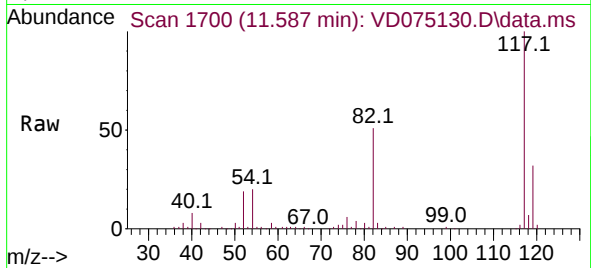




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

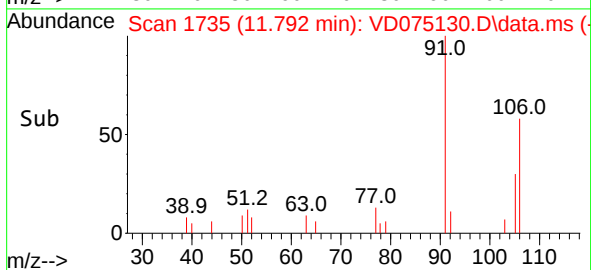
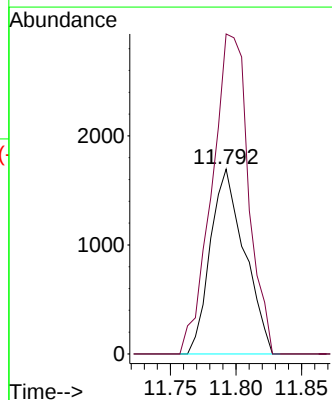
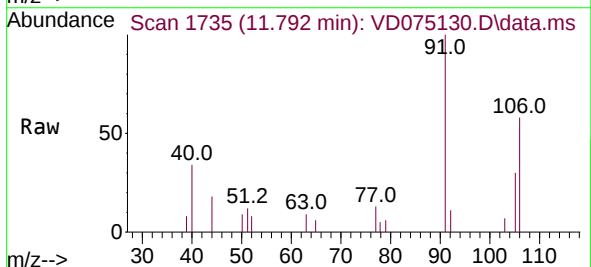
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

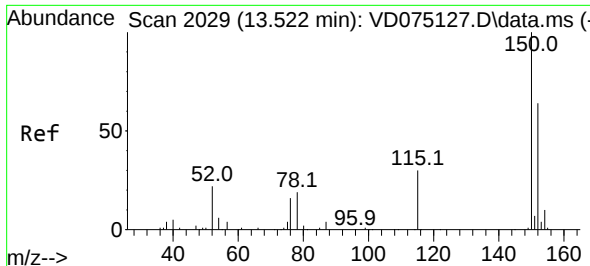
Tgt Ion:117 Resp: 197314
Ion Ratio Lower Upper
117 100
82 51.1 39.6 59.4
119 32.0 24.6 37.0



#68
m/p-Xylenes
Concen: 1.095 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion:106 Resp: 3079
Ion Ratio Lower Upper
106 100
91 184.8 160.3 240.5

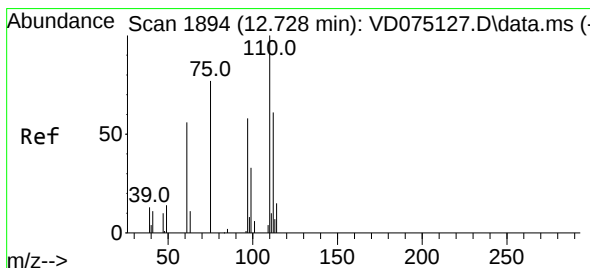
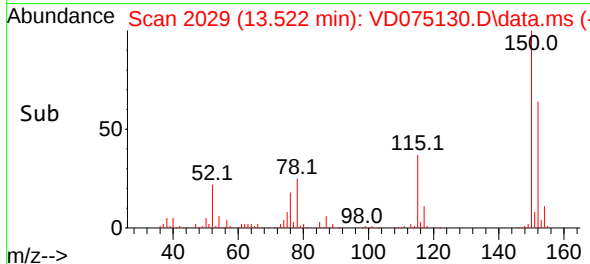
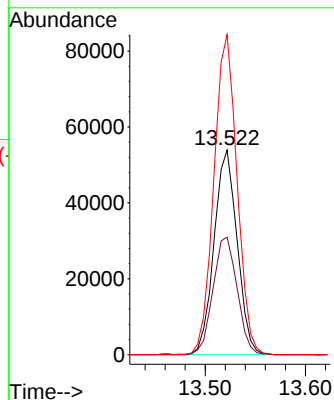
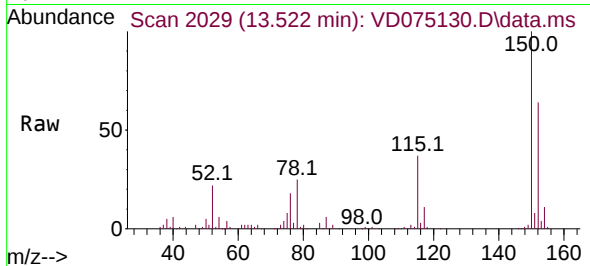




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075130.D
 Acq: 18 Jan 2023 13:38

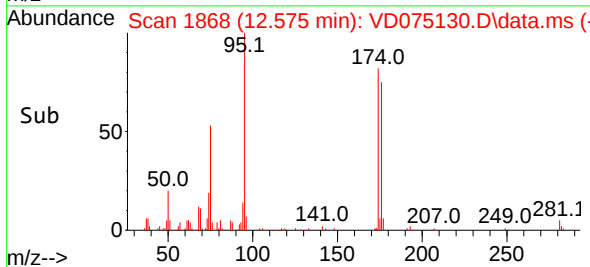
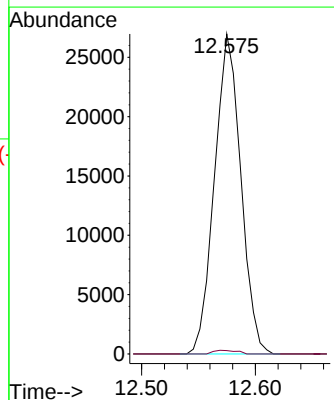
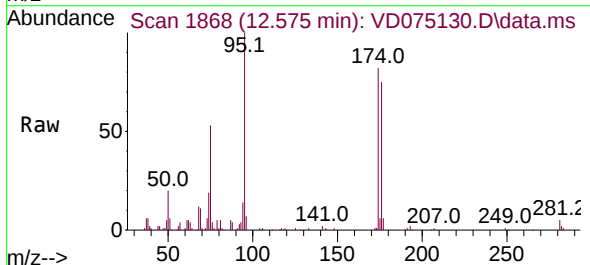
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

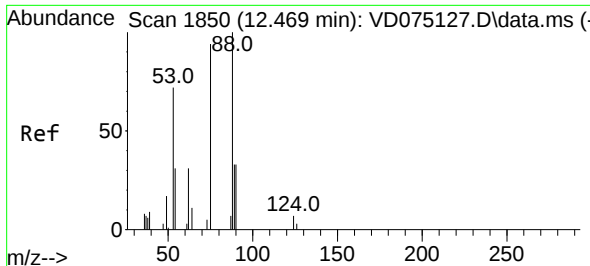
Tgt Ion:152 Resp: 86247
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.8 86.4
 150 156.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 59.420 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075130.D
 Acq: 18 Jan 2023 13:38

Tgt Ion: 75 Resp: 43403
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

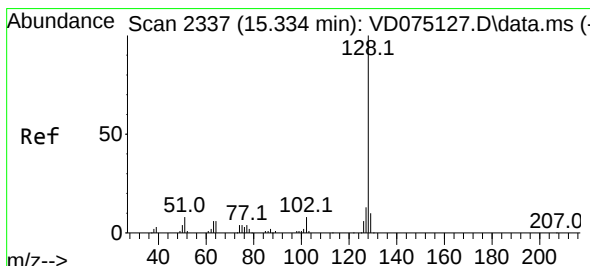
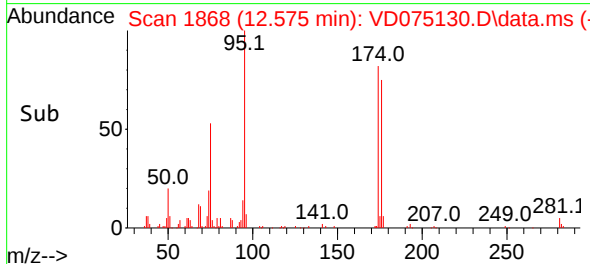
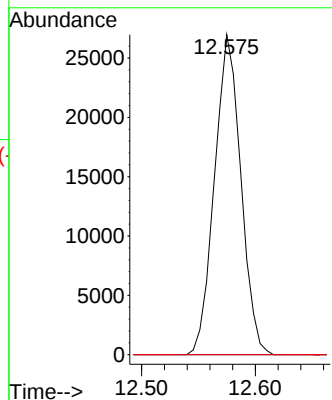
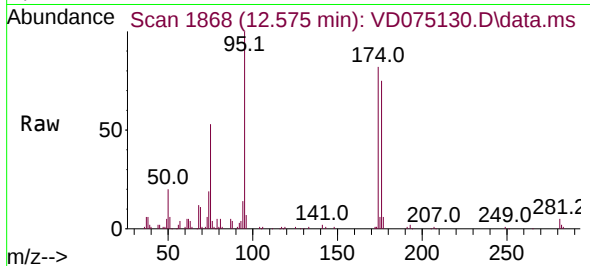




#81
trans-1,4-Dichloro-2-butene
Concen: 137.829 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

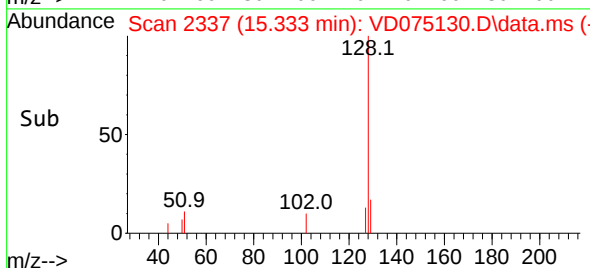
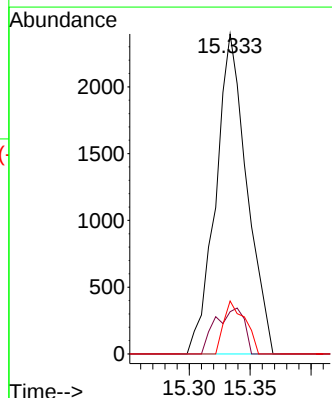
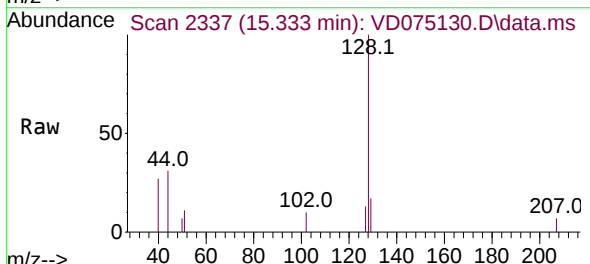
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

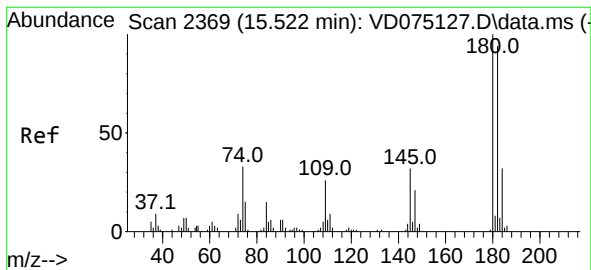
Tgt Ion: 75 Resp: 43403
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 1.262 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 128 Resp: 4258
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.4 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 1.120 ug/l

RT: 15.528 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075130.D

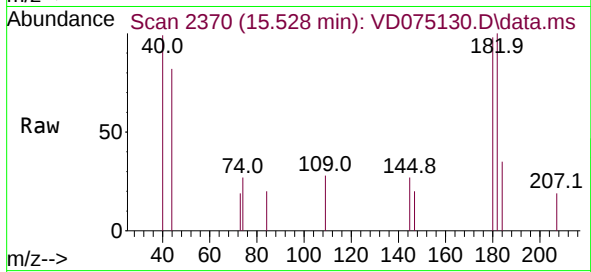
Acq: 18 Jan 2023 13:38

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



Tgt Ion:180 Resp: 1619

Ion Ratio Lower Upper

180 100

182 89.1 47.0 141.0

145 20.3 16.1 48.3

