

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075661.D
 Acq On : 13 Apr 2023 15:31
 Operator : KP/SY
 Sample : VD0413SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0413SBL01

Quant Time: Apr 14 01:34:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

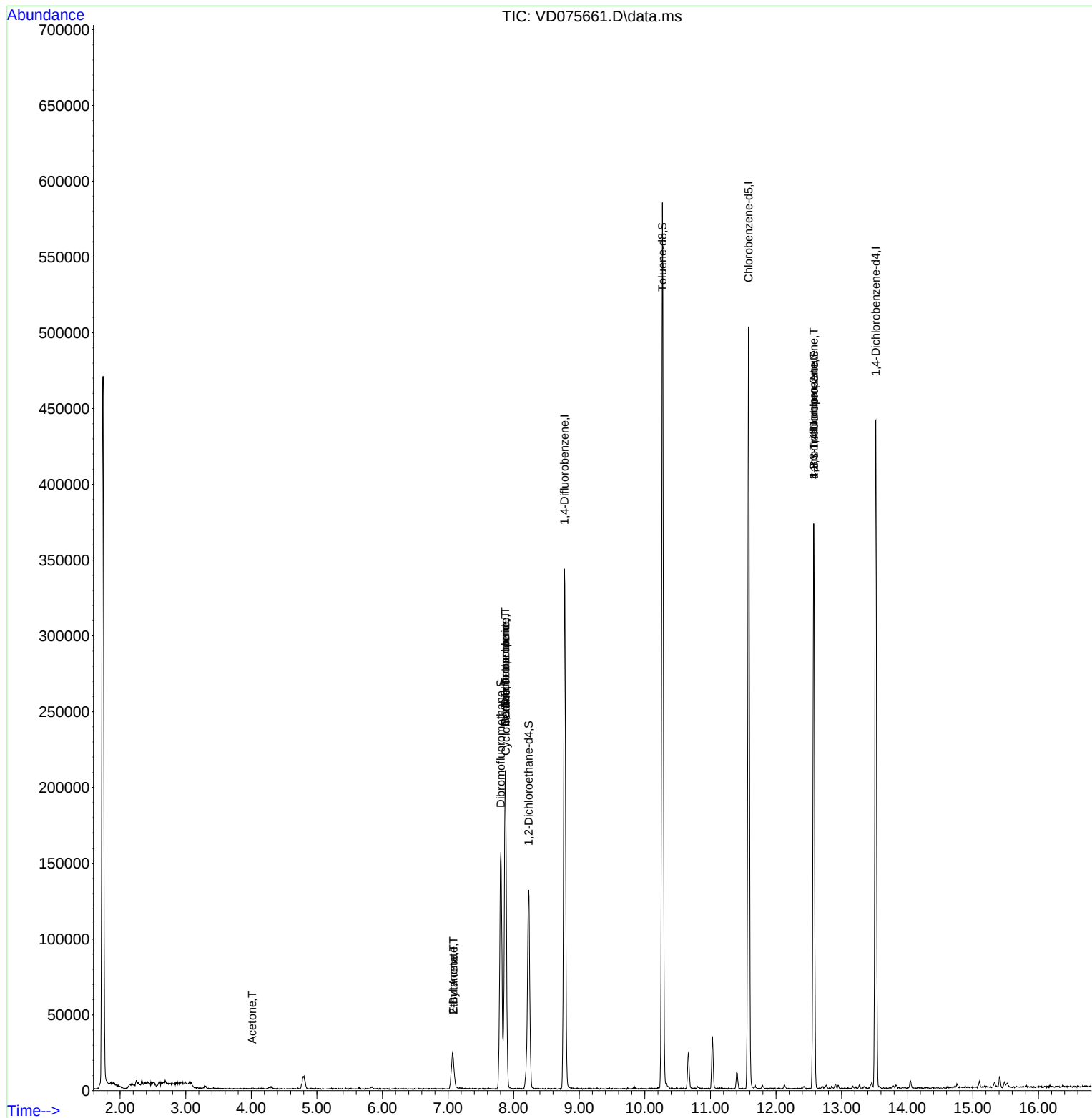
Internal Standards						
1) Pentafluorobenzene	7.875	168	171882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	130421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101390	62.146	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	124.300%	
35) Dibromofluoromethane	7.805	113	118248	53.625	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.240%	
50) Toluene-d8	10.269	98	425331	48.166	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	96.340%	
62) 4-Bromofluorobenzene	12.575	95	115640	49.269	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	98.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	339	1.134	ug/l #	44
20) Methylene Chloride	4.793	84	8057	Below Cal	#	71
25) 2-Butanone	7.081	43	1134	2.947	ug/l #	50
31) Cyclohexane	7.881	56	3331	1.301	ug/l #	12
36) 1,1-Dichloropropene	7.875	75	12584	4.137	ug/l #	50
37) Ethyl Acetate	7.081	43	1134	1.225	ug/l #	80
38) Carbon Tetrachloride	7.875	117	15566	5.811	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	55169	51.871	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55169	112.426	ug/l #	5

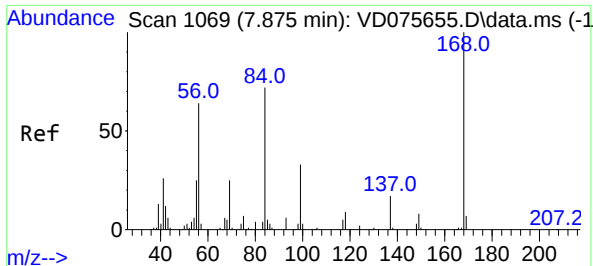
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 01:34:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

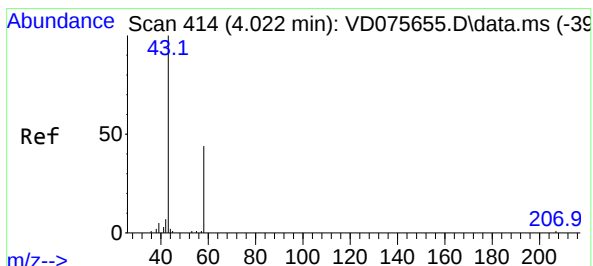
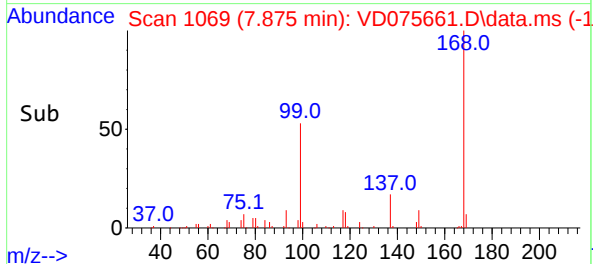
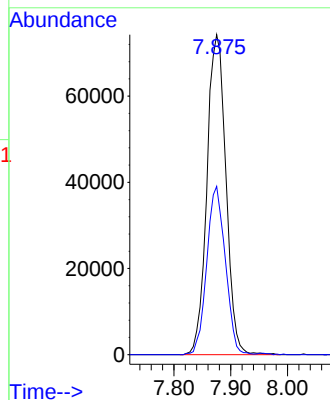
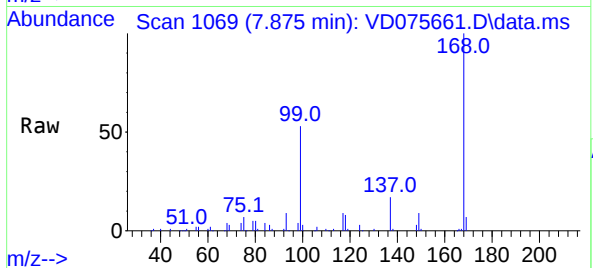




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

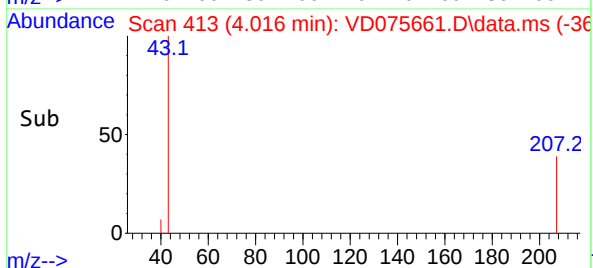
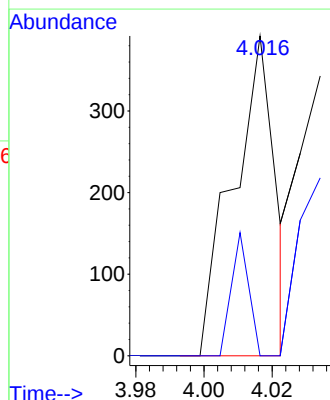
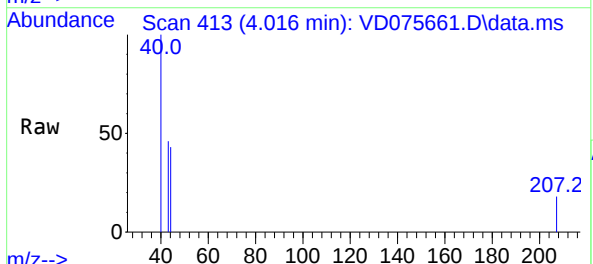
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

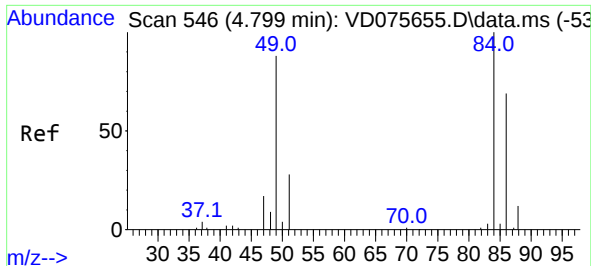
Tgt Ion:168 Resp: 171882
Ion Ratio Lower Upper
168 100
99 52.6 43.8 65.6



#16
Acetone
Concen: 1.134 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 54

Delta R.T. -0.006 min

Lab File: VD075661.D

Acq: 13 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0413SBL01

Tgt Ion: 84 Resp: 8057

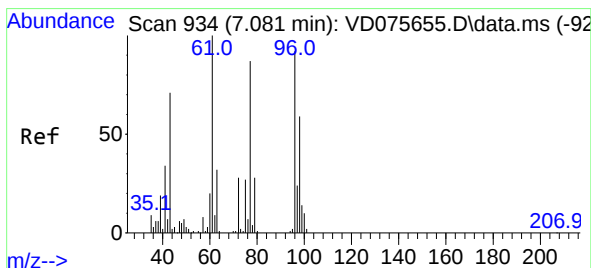
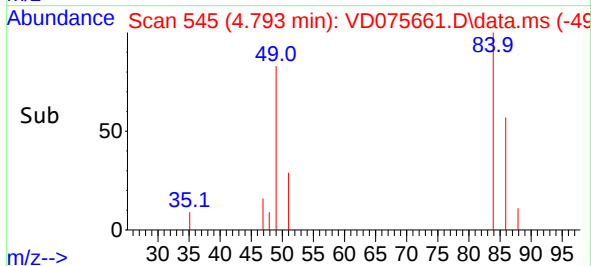
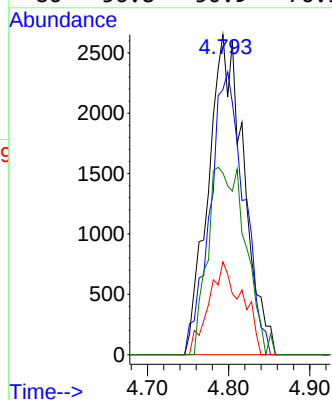
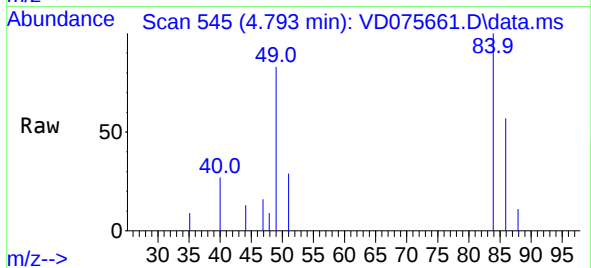
Ion Ratio Lower Upper

84 100

49 82.8 106.4 159.6#

51 29.0 32.4 48.6#

86 56.8 50.9 76.3



#25

2-Butanone

Concen: 2.947 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075661.D

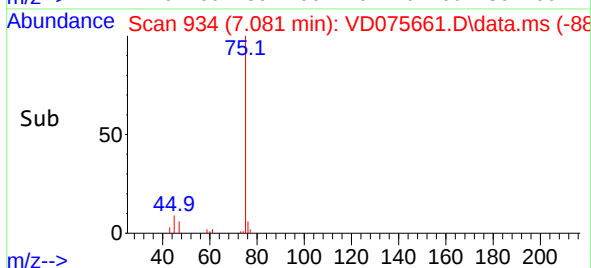
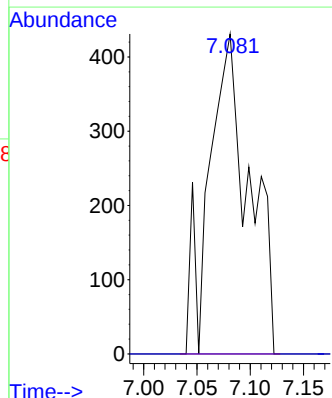
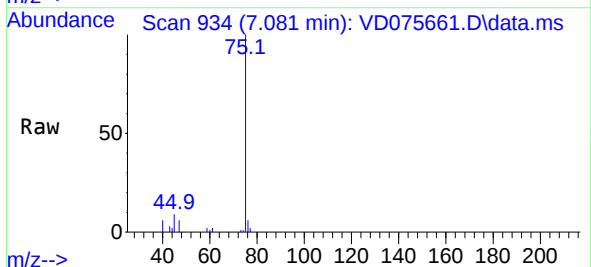
Acq: 13 Apr 2023 15:31

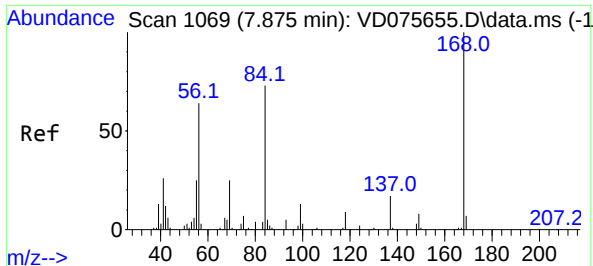
Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#





#31

Cyclohexane

Concen: 1.301 ug/l

RT: 7.881 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD075661.D

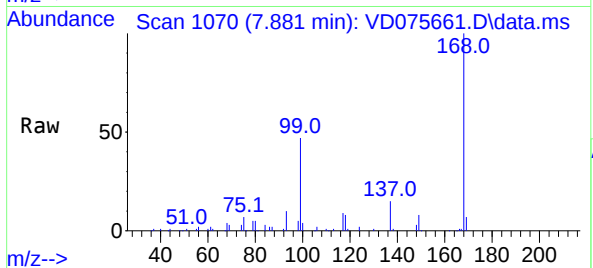
Acq: 13 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0413SBL01



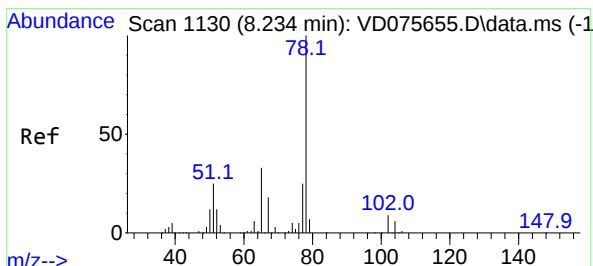
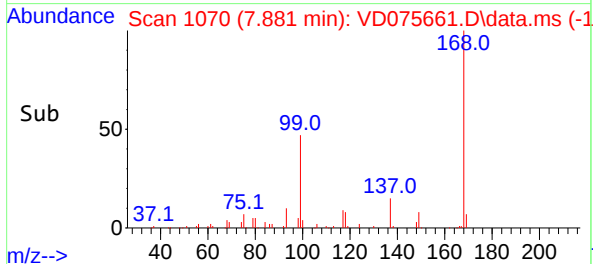
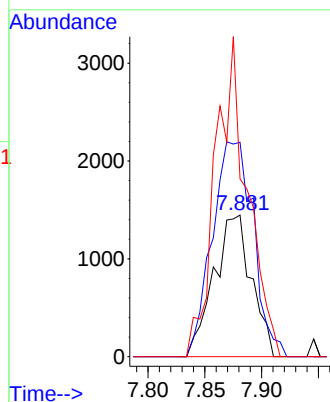
Tgt Ion: 56 Resp: 3331

Ion Ratio Lower Upper

56 100

69 151.3 25.5 38.3#

84 125.5 69.6 104.4#



#33

1,2-Dichloroethane-d4

Concen: 62.146 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075661.D

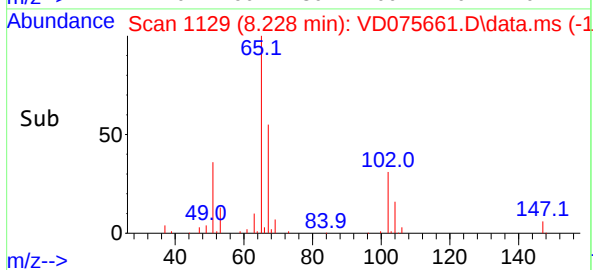
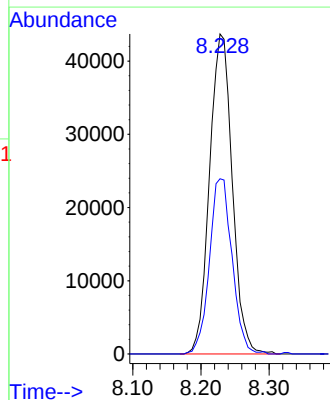
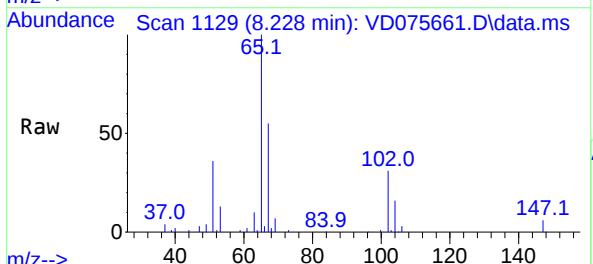
Acq: 13 Apr 2023 15:31

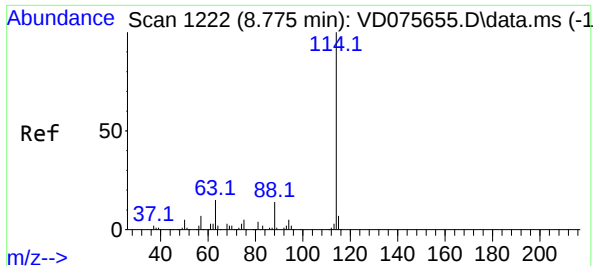
Tgt Ion: 65 Resp: 101390

Ion Ratio Lower Upper

65 100

67 54.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075661.D

Acq: 13 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

VD0413SBL01

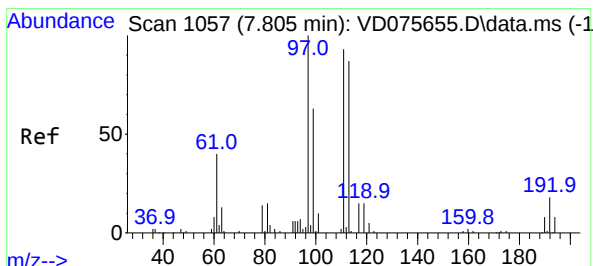
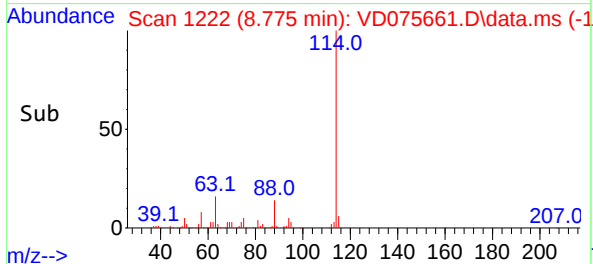
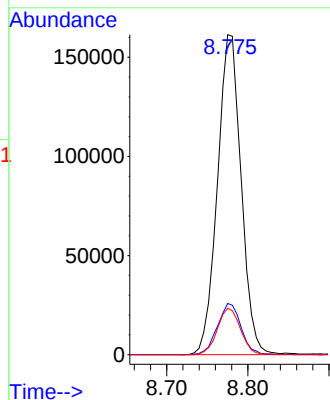
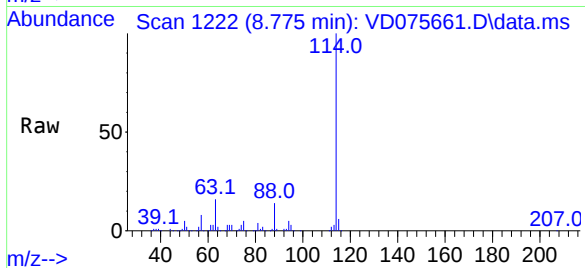
Tgt Ion:114 Resp: 327849

Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.625 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075661.D

Acq: 13 Apr 2023 15:31

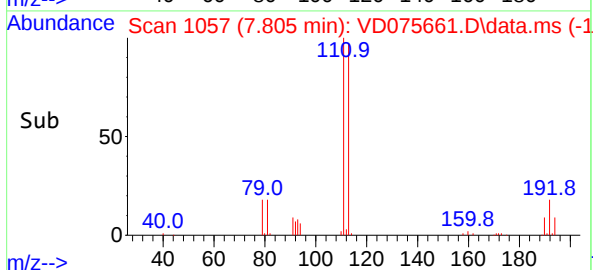
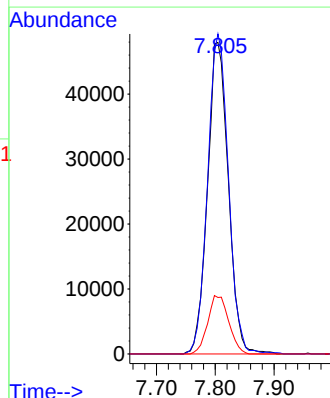
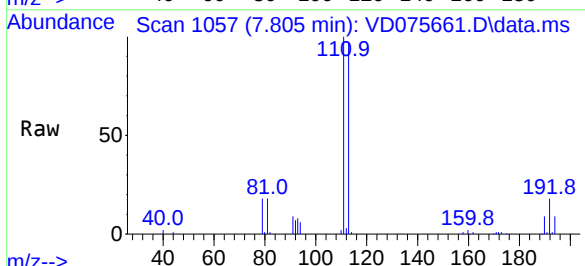
Tgt Ion:113 Resp: 118248

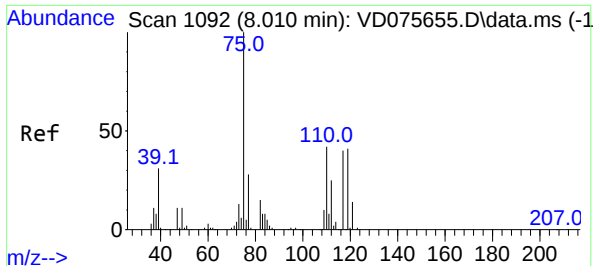
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.8 15.2 22.8

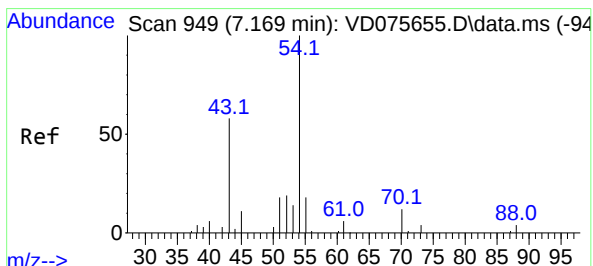
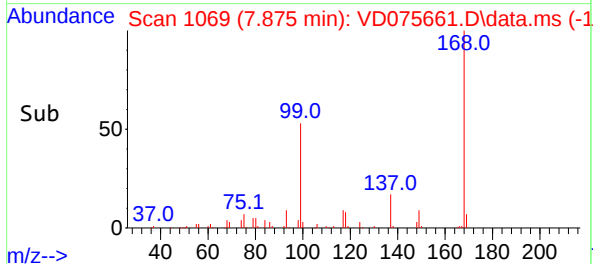
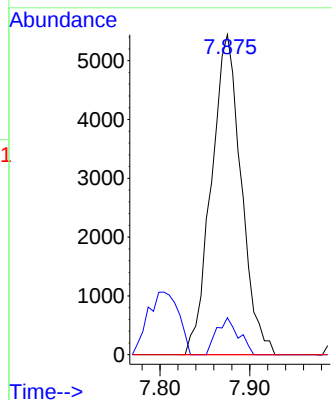
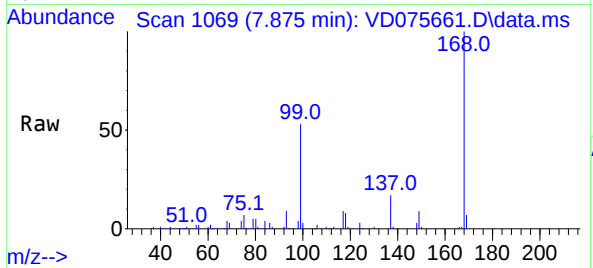




#36
1,1-Dichloropropene
Concen: 4.137 ug/l
RT: 7.875 min Scan# 1092
Delta R.T. -0.135 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

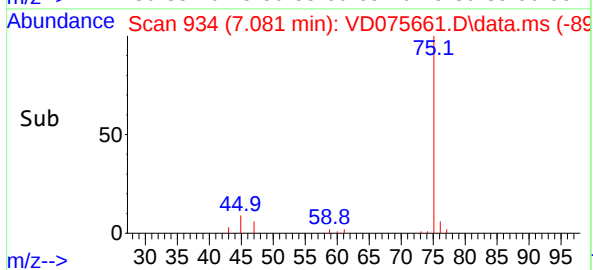
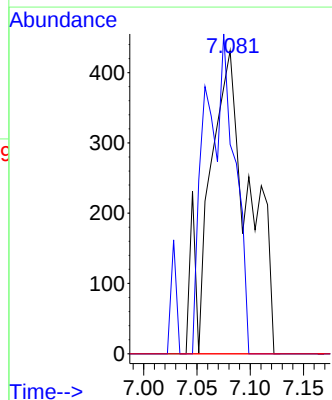
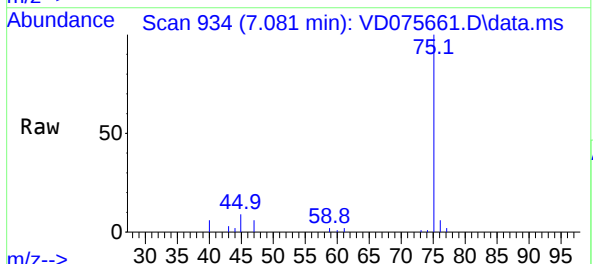
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

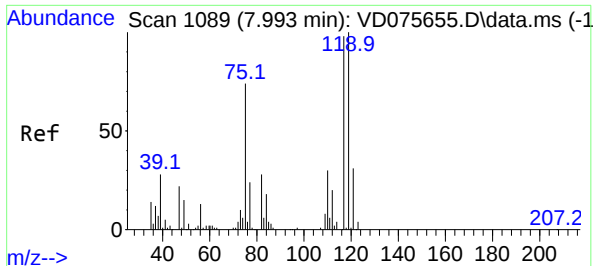
Tgt Ion: 75 Resp: 12584
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.225 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 0.0 5.6 8.4#

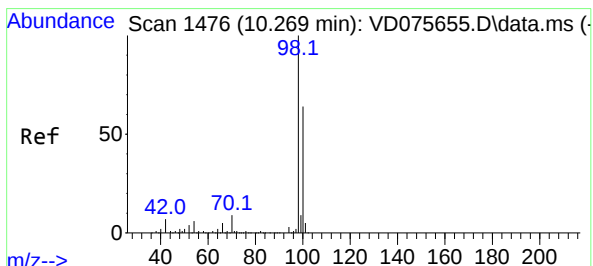
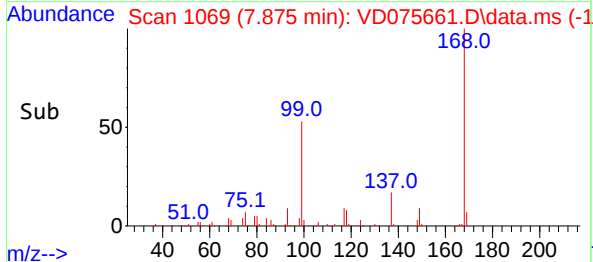
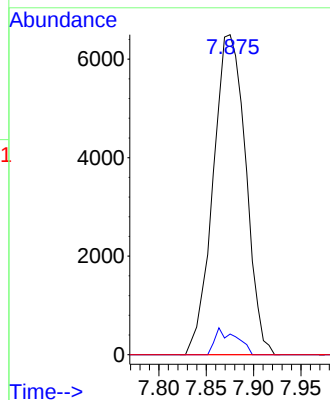
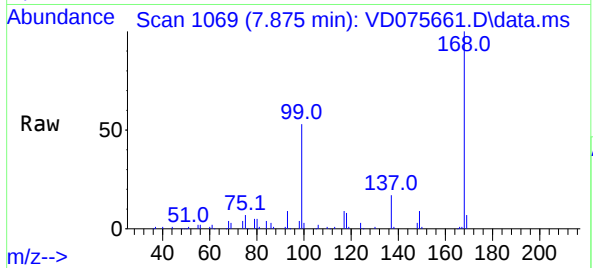




#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

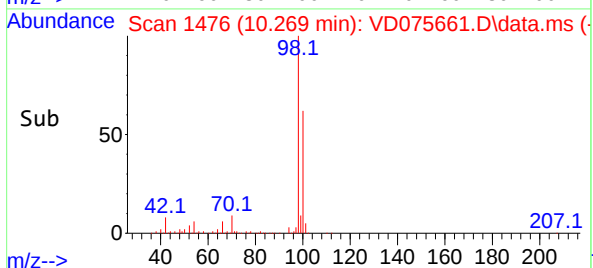
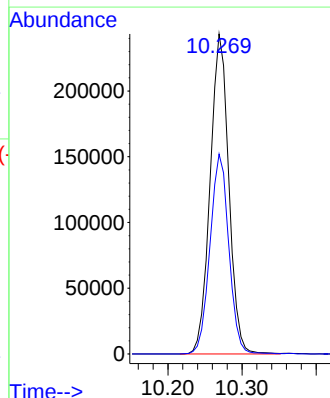
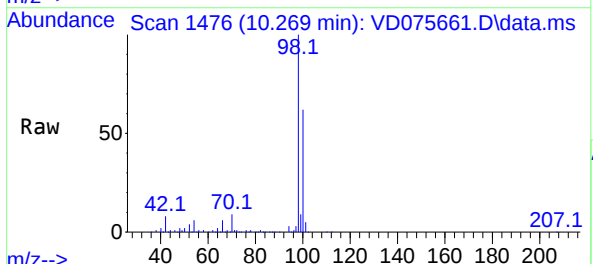
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

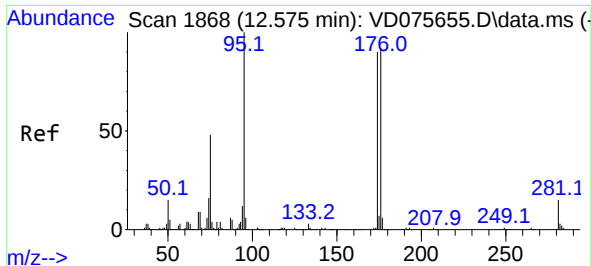
Tgt Ion:117 Resp: 15566
Ion Ratio Lower Upper
117 100
119 6.4 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 48.166 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion: 98 Resp: 425331
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

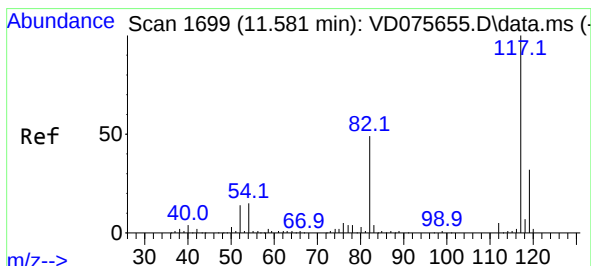
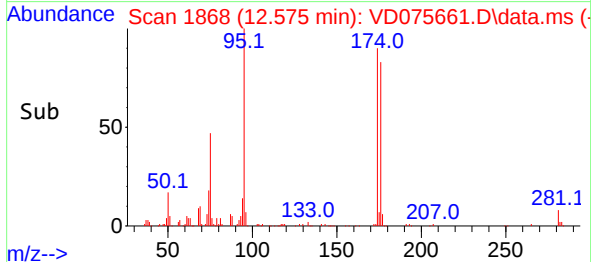
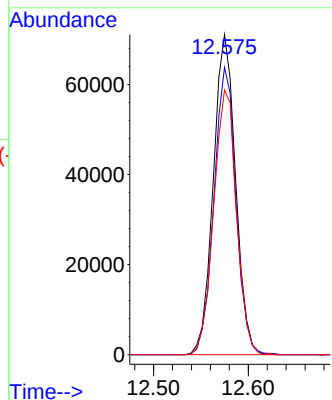
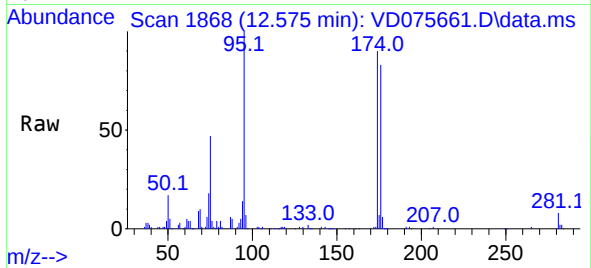




#62
4-Bromofluorobenzene
Concen: 49.269 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

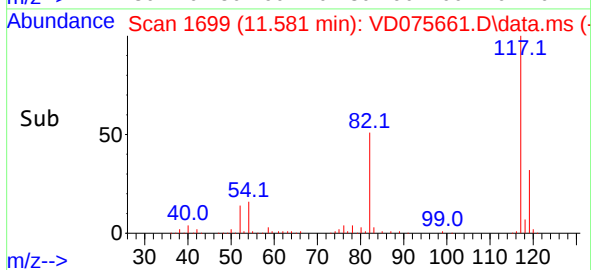
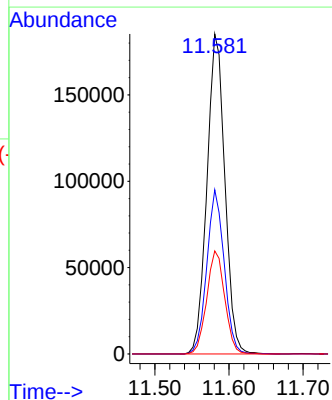
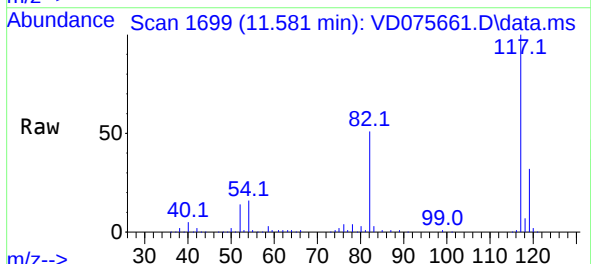
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

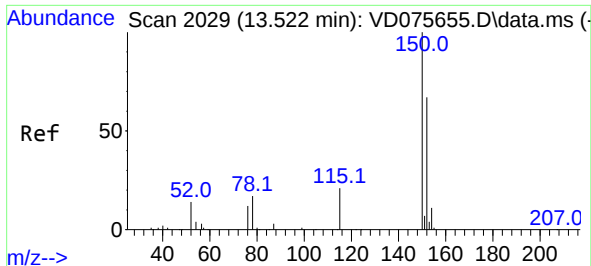
Tgt Ion: 95 Resp: 115640
Ion Ratio Lower Upper
95 100
174 89.1 0.0 164.0
176 84.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion: 117 Resp: 311045
Ion Ratio Lower Upper
117 100
82 51.3 44.0 66.0
119 32.2 25.1 37.7

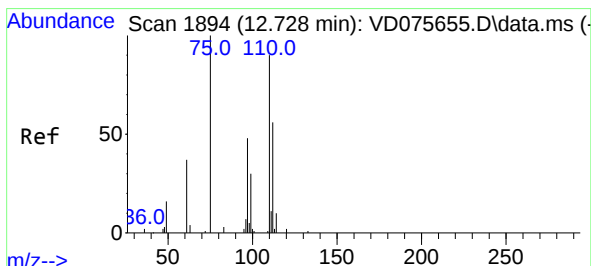
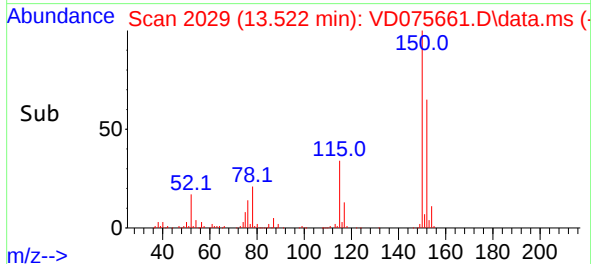
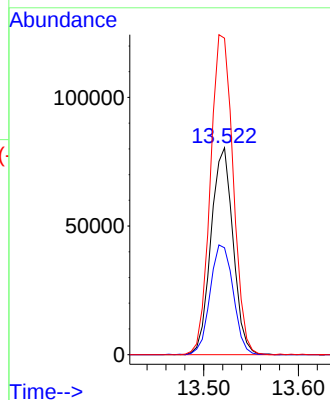
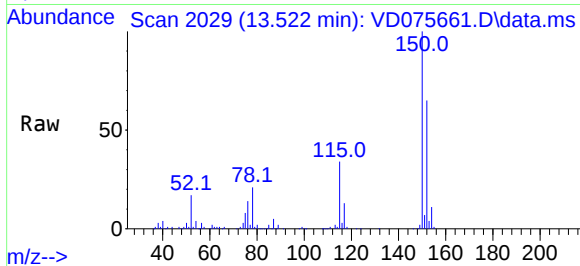




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

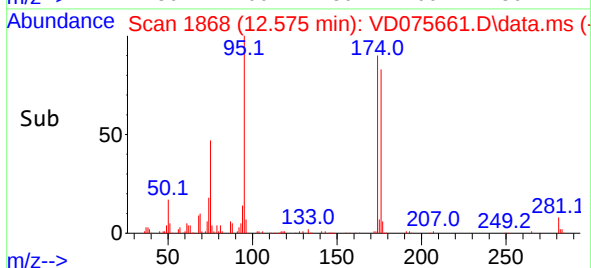
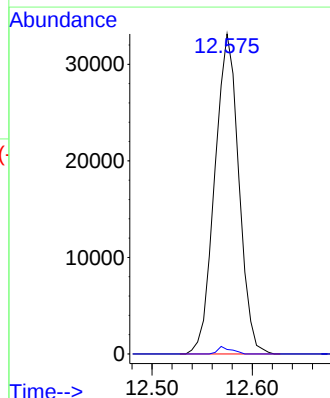
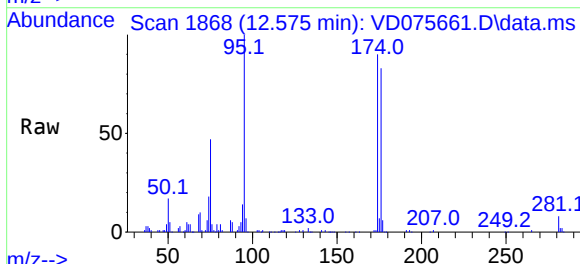
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

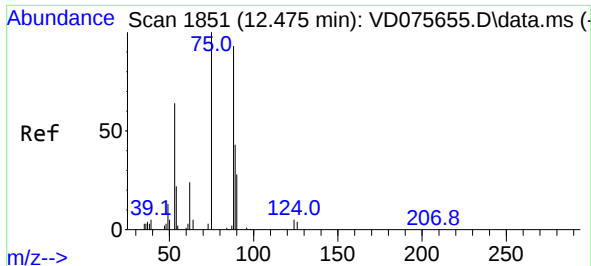
Tgt Ion:152 Resp: 130421
Ion Ratio Lower Upper
152 100
115 55.7 30.1 90.3
150 159.2 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 51.871 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

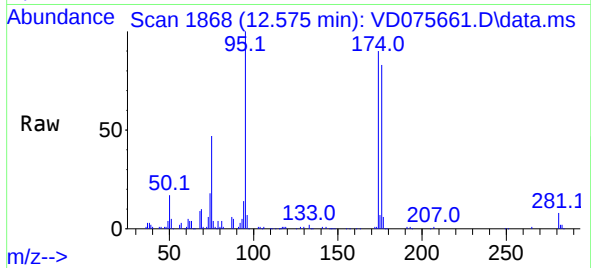
Tgt Ion: 75 Resp: 55169
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 112.426 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01



Tgt Ion: 75 Resp: 55169
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 40.2 60.4#

