

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074563.D
 Acq On : 18 Oct 2022 13:58
 Operator : VA/SY
 Sample : N5172-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-101722

Quant Time: Oct 19 01:35:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

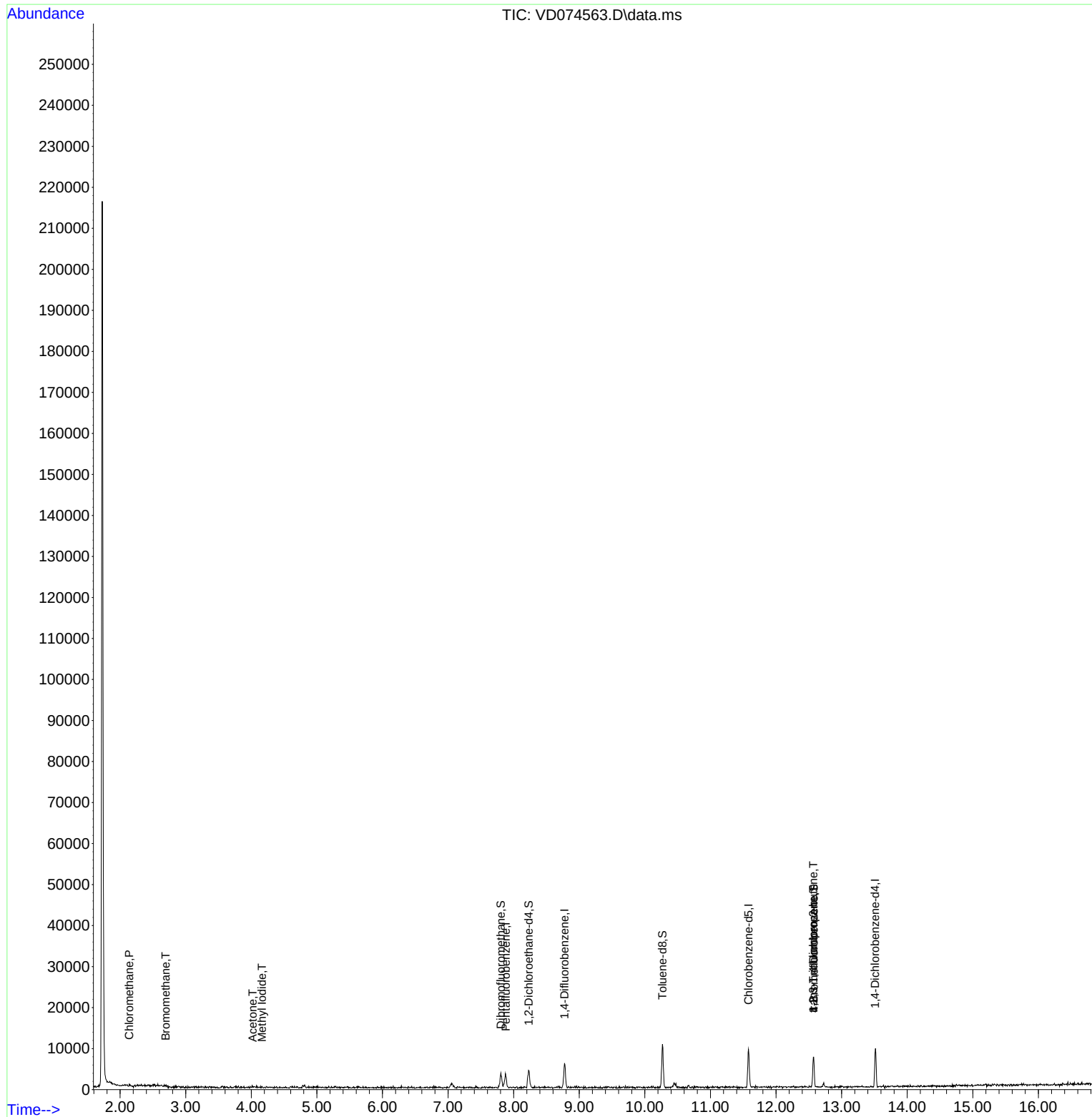
Internal Standards						
1) Pentafluorobenzene	7.881	168	3674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6494	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	3050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3375	106.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.440%#	
35) Dibromofluoromethane	7.804	113	3048	73.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.420%#	
50) Toluene-d8	10.269	98	8684	54.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.575	95	3041	63.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	232	5.248	ug/l #	37
5) Bromomethane	2.693	94	126	3.884	ug/l #	3
10) Methyl Iodide	4.163	142	60	6.159	ug/l #	43
16) Acetone	4.022	43	123	18.031	ug/l #	37
20) Methylene Chloride	4.805	84	201	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.569	75	1513	58.046	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	1513	147.239	ug/l #	17

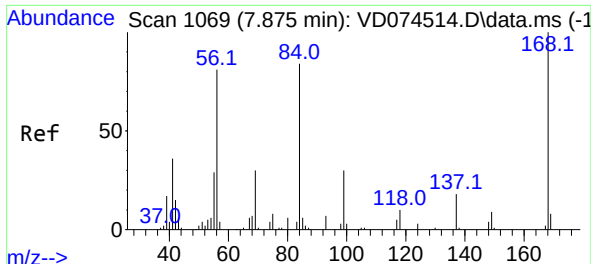
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

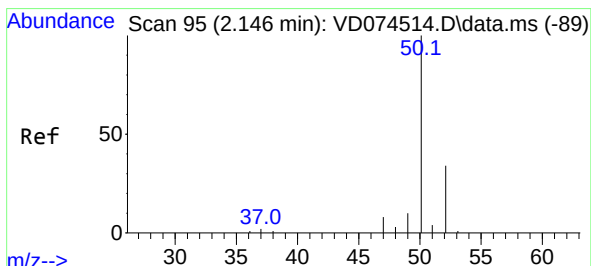
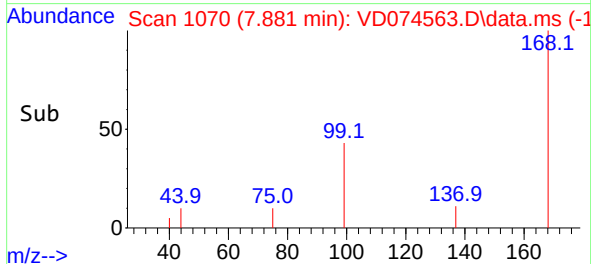
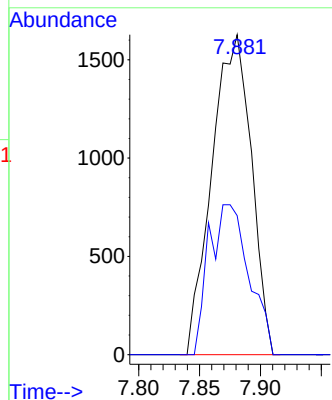
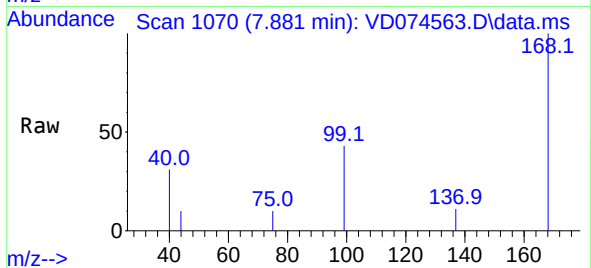




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

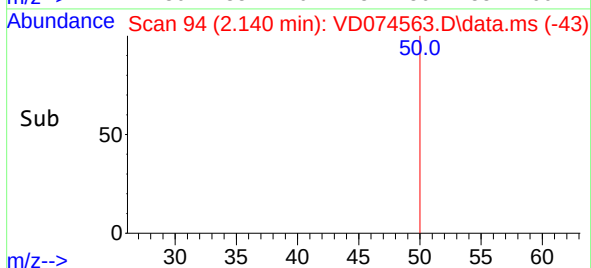
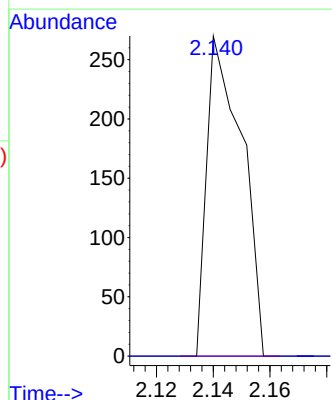
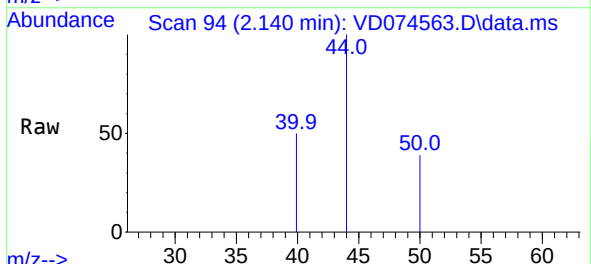
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

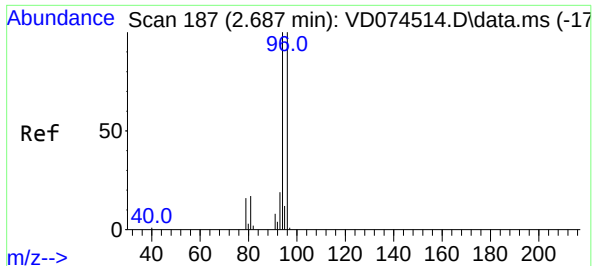
Tgt Ion:168 Resp: 3674
Ion Ratio Lower Upper
168 100
99 43.4 40.9 61.3



#3
Chloromethane
Concen: 5.248 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

Tgt Ion: 50 Resp: 232
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

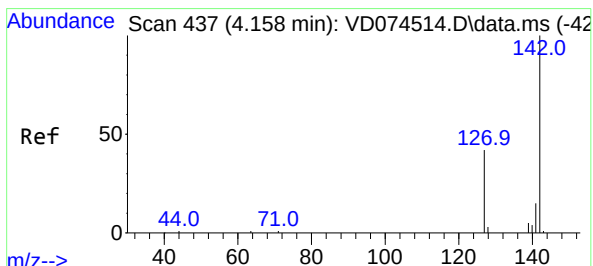
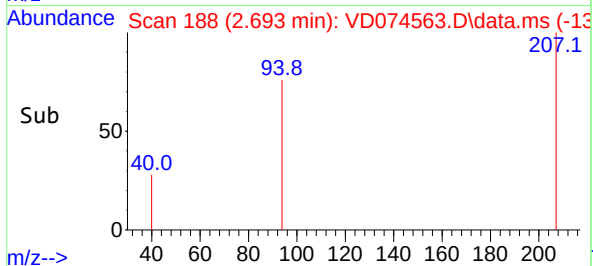
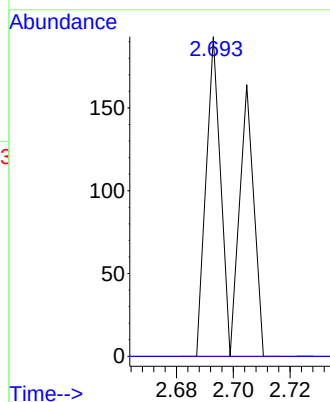
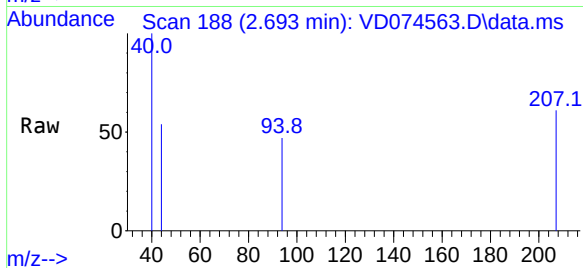




#5
Bromomethane
Concen: 3.884 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

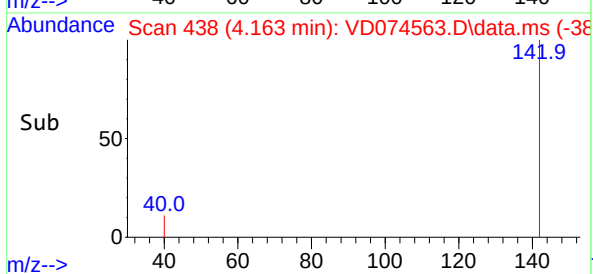
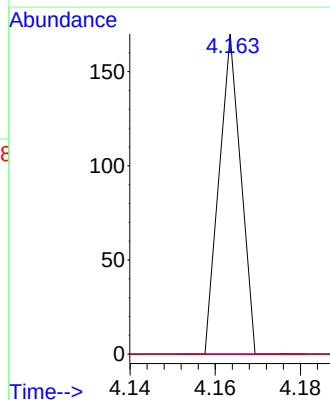
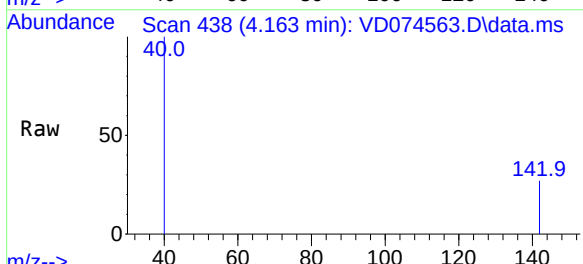
Instrument :
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ClientSampleId :
BU-02-101722

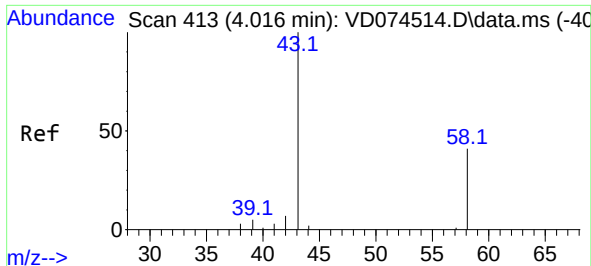
Tgt Ion: 94 Resp: 126
Ion Ratio Lower Upper
94 100
96 0.0 74.6 112.0#



#10
Methyl Iodide
Concen: 6.159 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

Tgt Ion: 142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

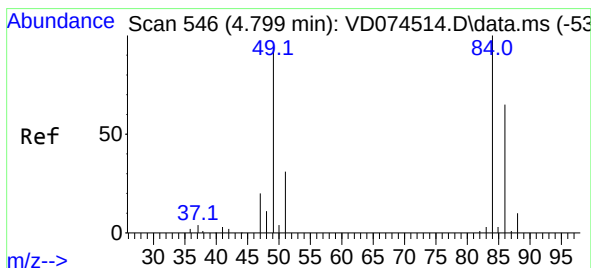
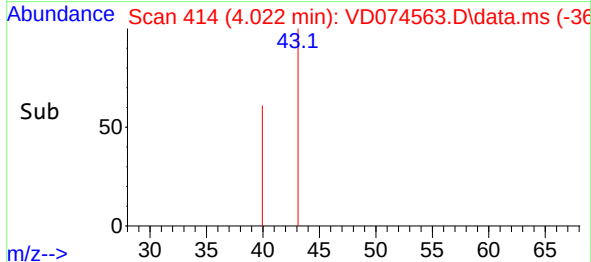
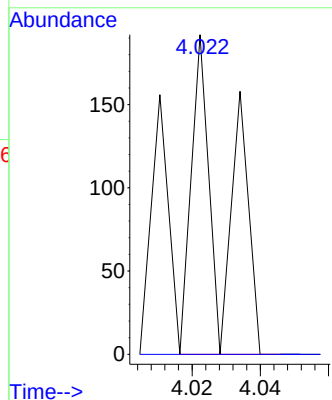
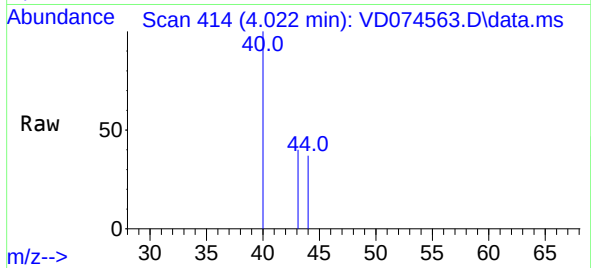




#16
Acetone
Concen: 18.031 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

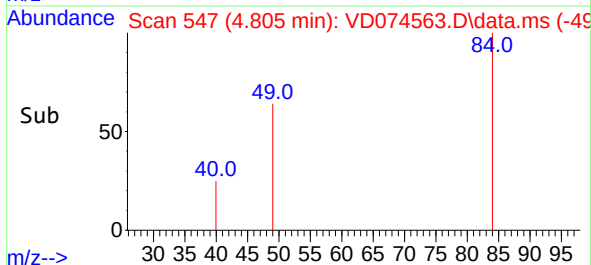
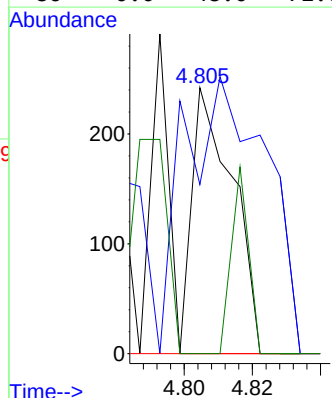
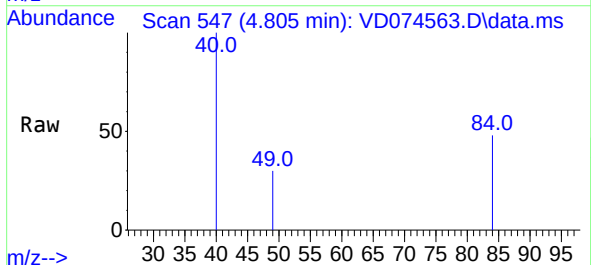
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

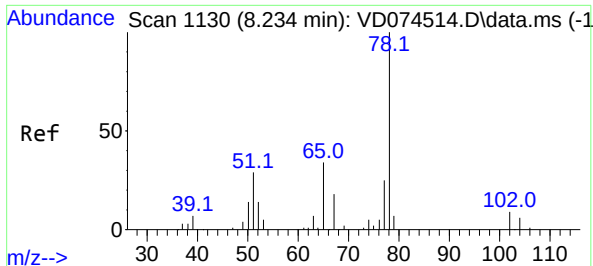
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

Tgt Ion: 84 Resp: 201
Ion Ratio Lower Upper
84 100
49 0.0 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 106.722 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074563.D

Acq: 18 Oct 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

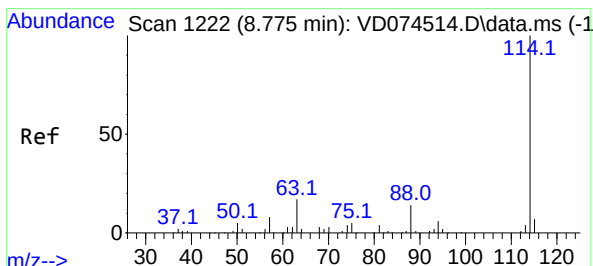
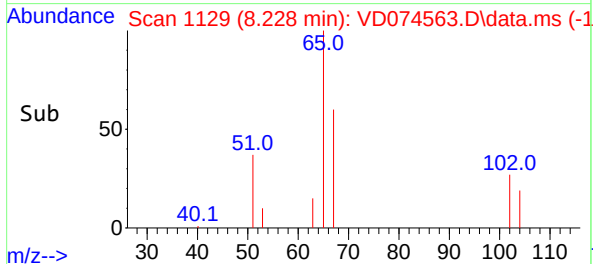
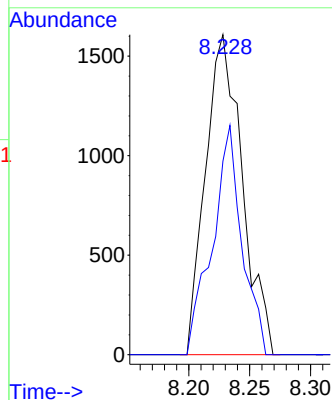
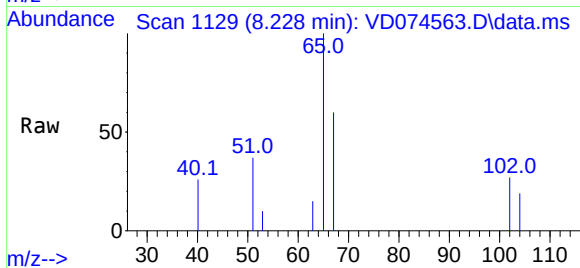
BU-02-101722

Tgt Ion: 65 Resp: 3375

Ion Ratio Lower Upper

65 100

67 57.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074563.D

Acq: 18 Oct 2022 13:58

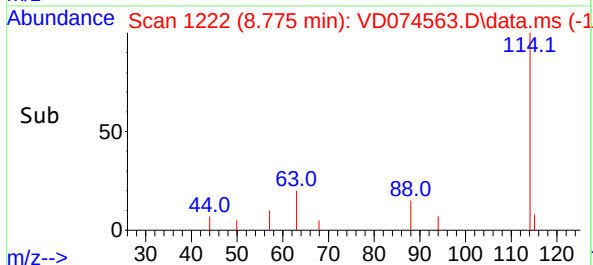
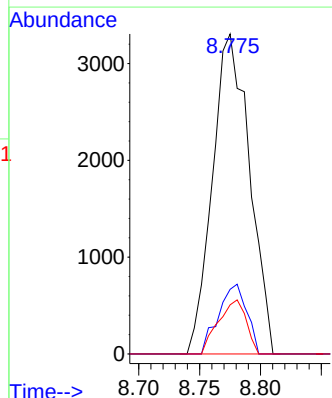
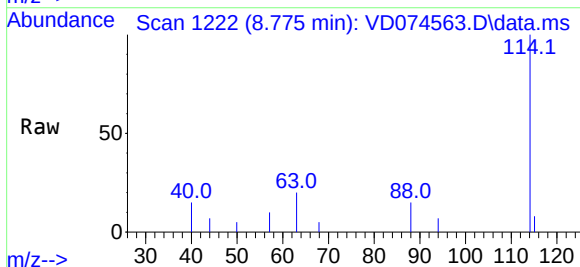
Tgt Ion: 114 Resp: 6989

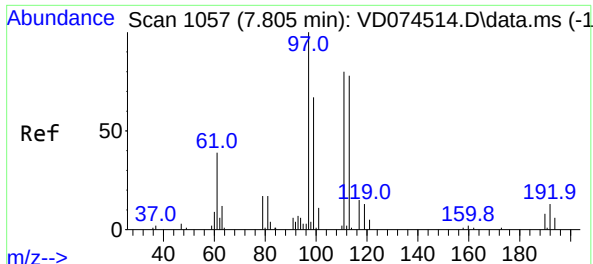
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.2

88 15.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 73.706 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074563.D

Acq: 18 Oct 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

BU-02-101722

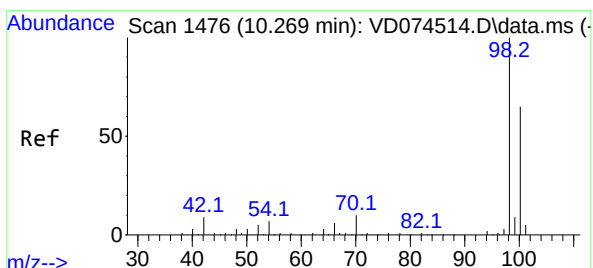
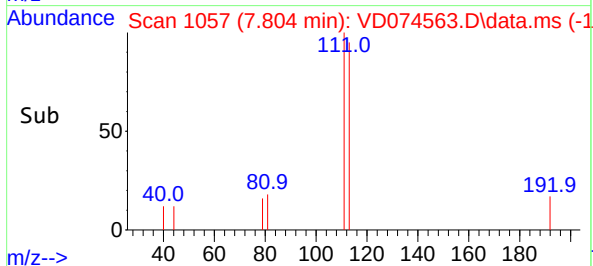
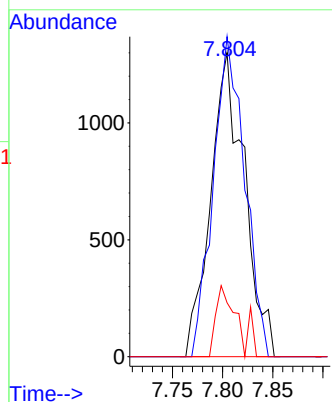
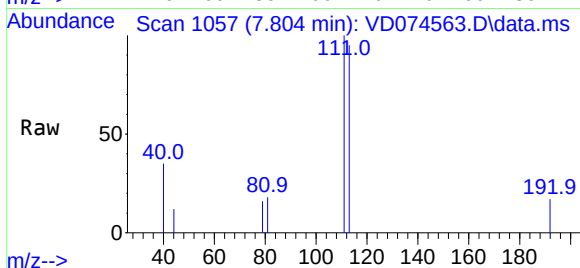
Tgt Ion:113 Resp: 3048

Ion Ratio Lower Upper

113 100

111 97.9 82.3 123.5

192 12.5 16.4 24.6#



#50

Toluene-d8

Concen: 54.129 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074563.D

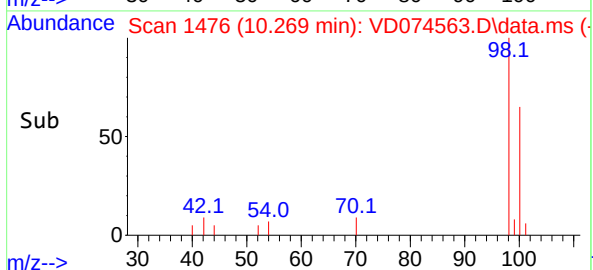
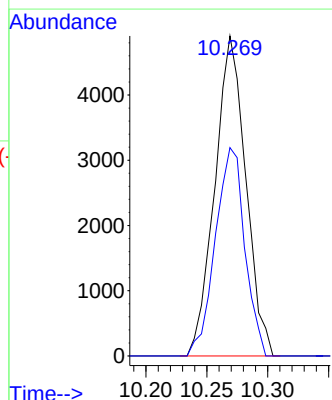
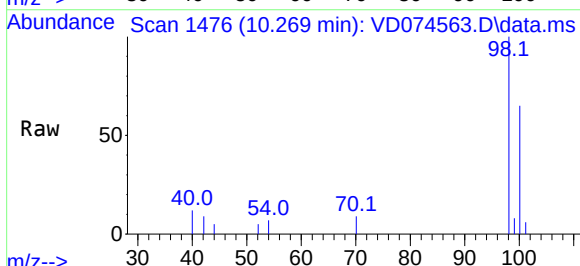
Acq: 18 Oct 2022 13:58

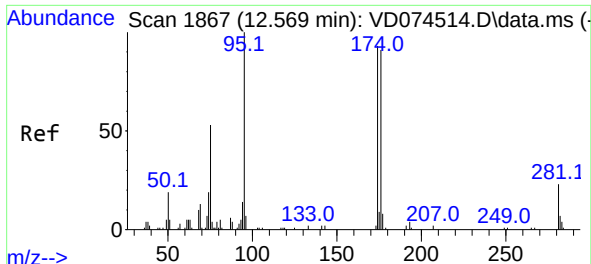
Tgt Ion: 98 Resp: 8684

Ion Ratio Lower Upper

98 100

100 61.9 51.4 77.0

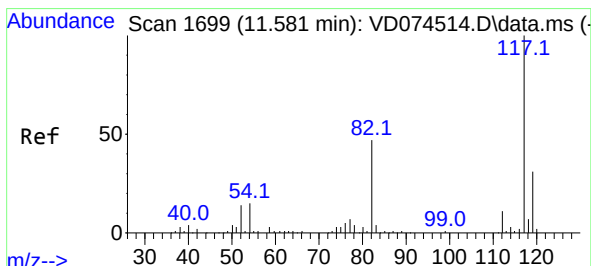
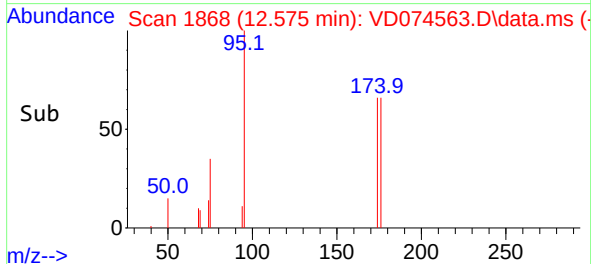
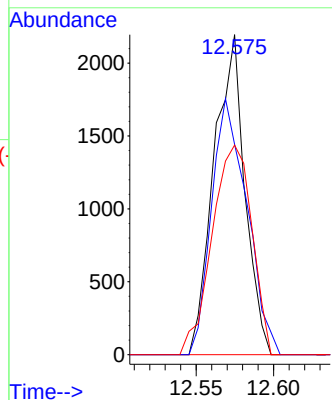
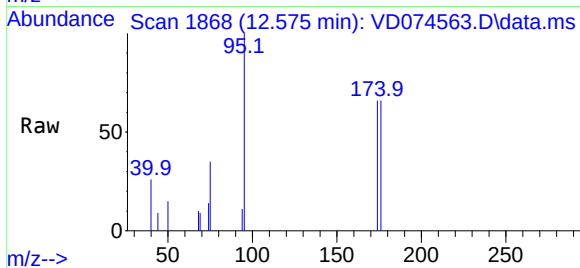




#62
4-Bromofluorobenzene
Concen: 63.343 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

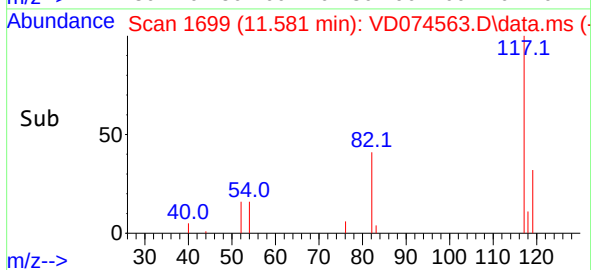
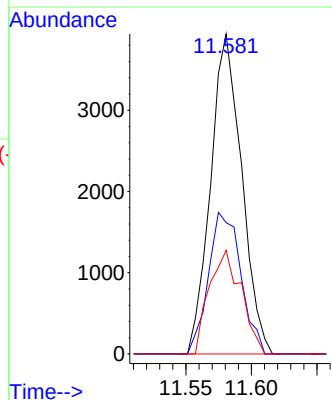
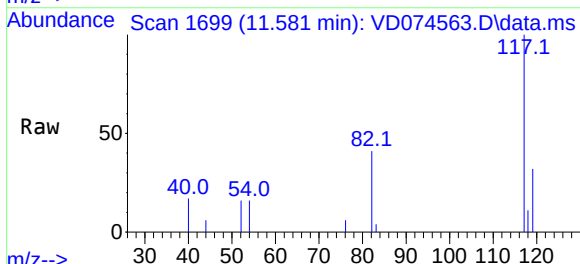
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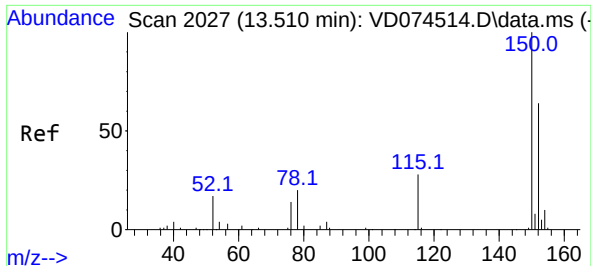
Tgt Ion:	95	Resp:	3041
Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	197.0
176	84.1	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

Tgt Ion:	117	Resp:	6494
Ion	Ratio	Lower	Upper
117	100		
82	41.0	41.6	62.4#
119	32.4	25.2	37.8

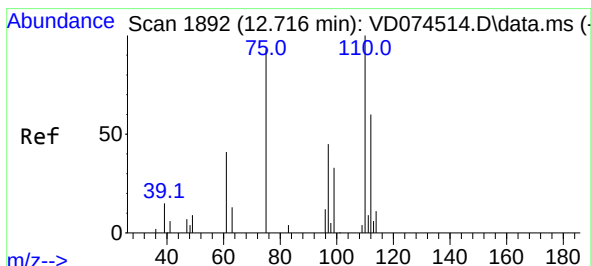
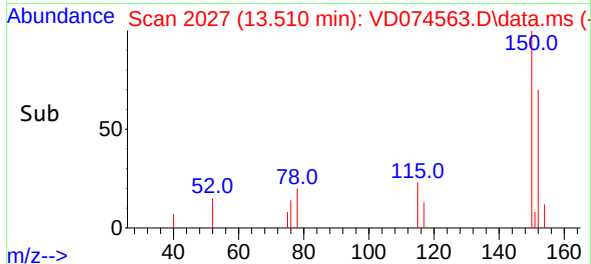
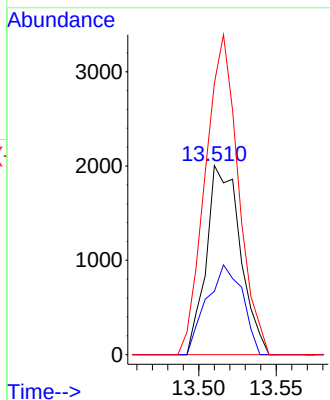
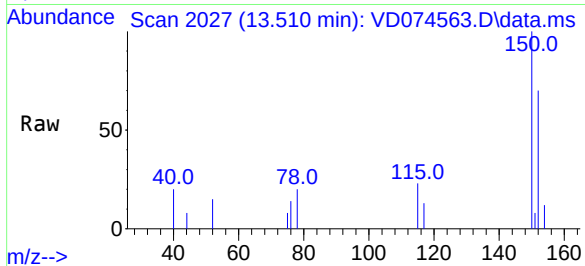




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

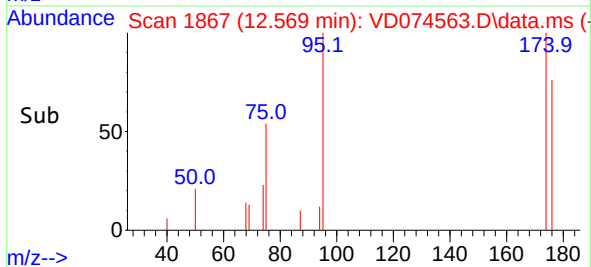
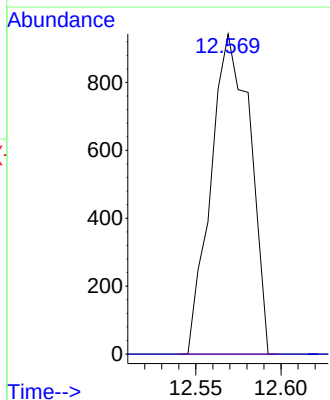
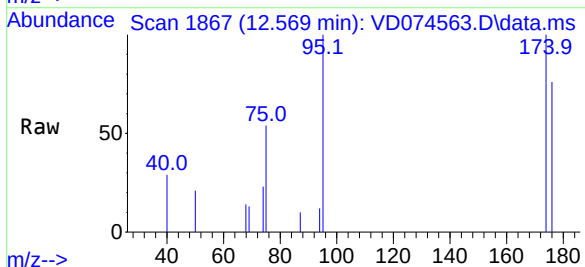
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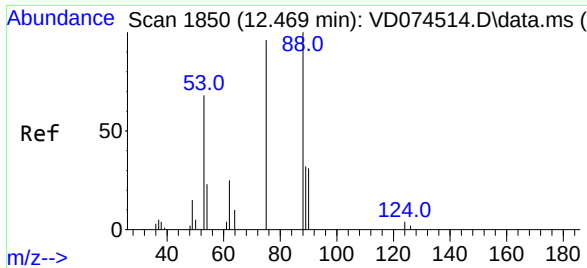
Tgt Ion:152 Resp: 3050
Ion Ratio Lower Upper
152 100
115 49.9 26.8 80.4
150 165.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 58.046 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

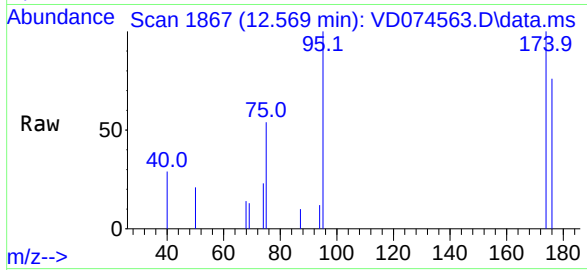
Tgt Ion: 75 Resp: 1513
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.239 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074563.D
 Acq: 18 Oct 2022 13:58

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-101722



Tgt Ion: 75 Resp: 1513
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

