

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075730.D
 Acq On : 18 Apr 2023 16:46
 Operator : KP/SY
 Sample : 02385-01
 Misc : 5.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-3-041723

Quant Time: Apr 19 01:24:17 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)

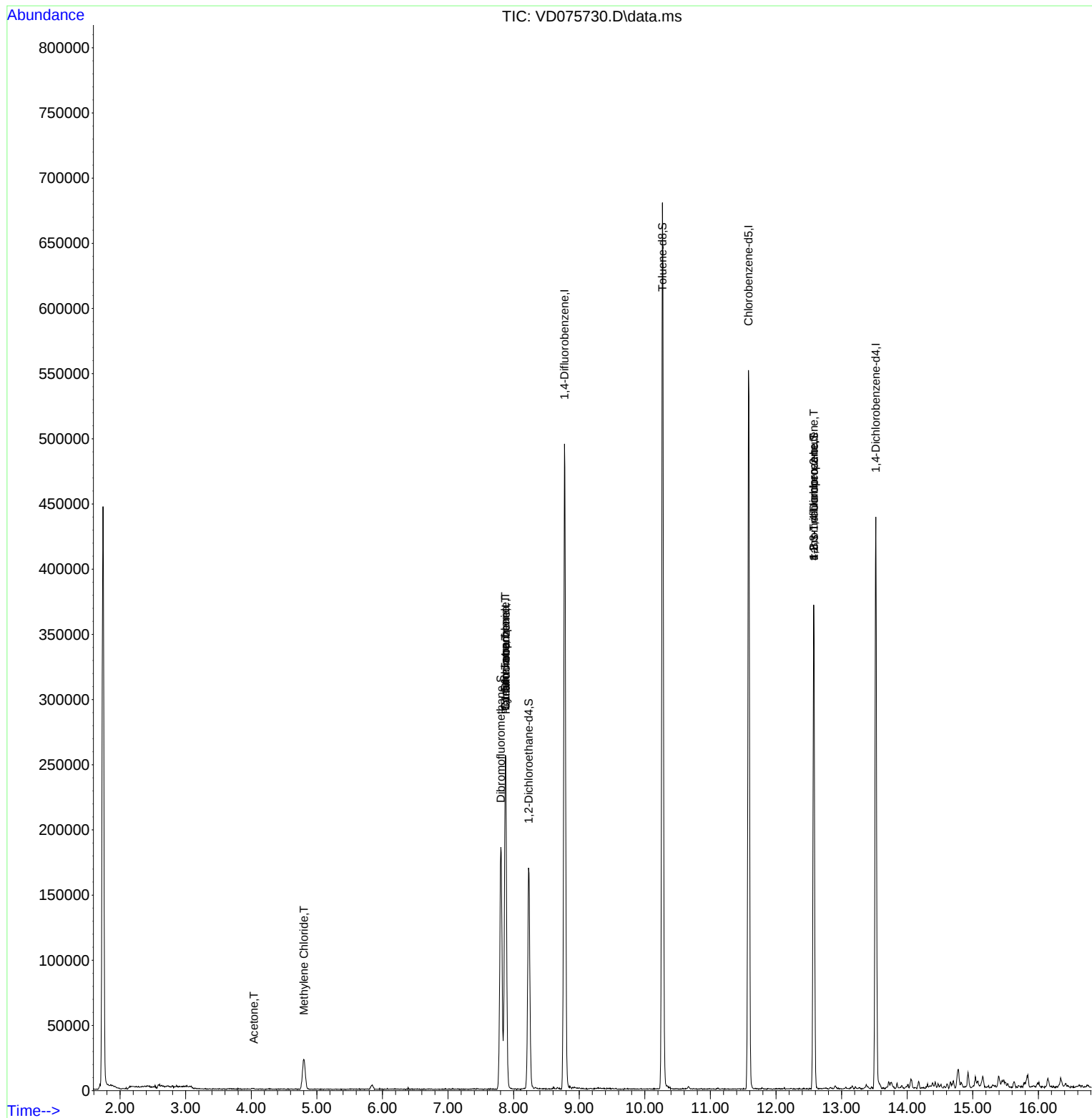
Internal Standards						
1) Pentafluorobenzene	7.881	168	211372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	486732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	350046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	126862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130289	64.939	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.880%			
35) Dibromofluoromethane	7.805	113	142062	43.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.780%			
50) Toluene-d8	10.269	98	500638	38.187	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 76.380%			
62) 4-Bromofluorobenzene	12.575	95	117519	33.725	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 67.460%			
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	849	2.310	ug/l #	44
20) Methylene Chloride	4.805	84	21536	3.262	ug/l #	71
31) Cyclohexane	7.875	56	4149	1.318	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15807	3.500	ug/l #	51
38) Carbon Tetrachloride	7.875	117	20034	5.037	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	57521	55.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	57521	120.508	ug/l #	5

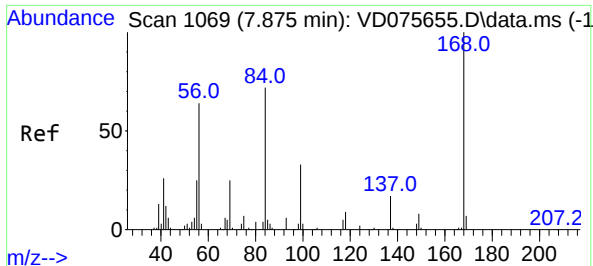
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

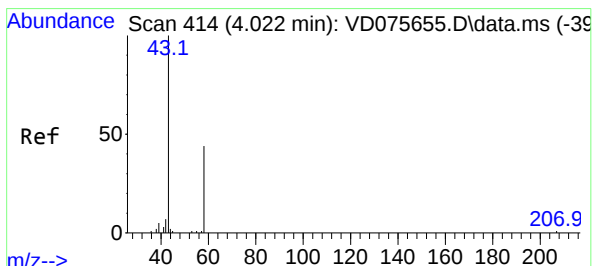
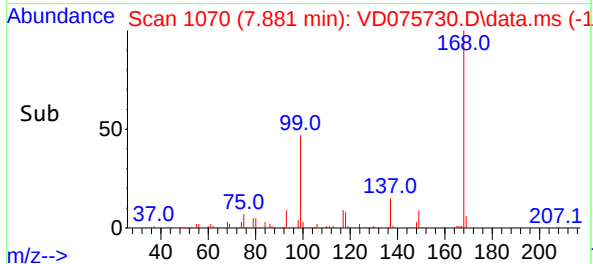
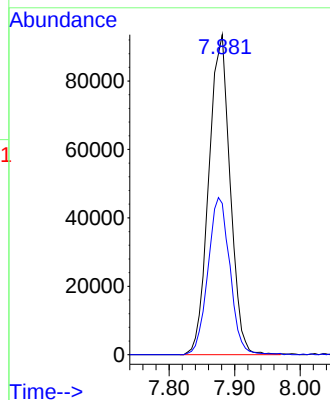
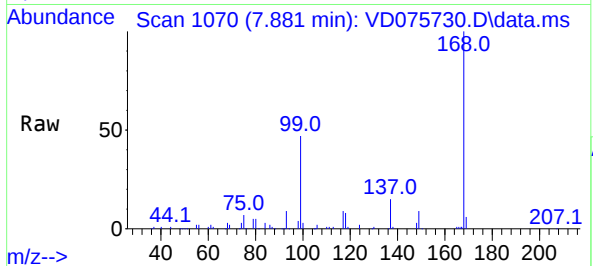




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

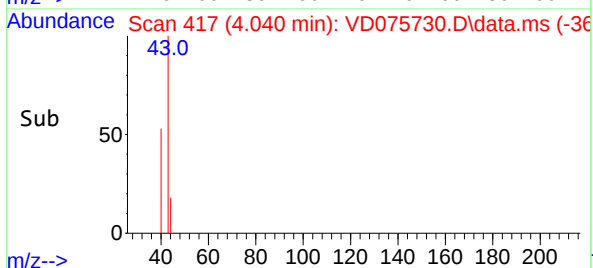
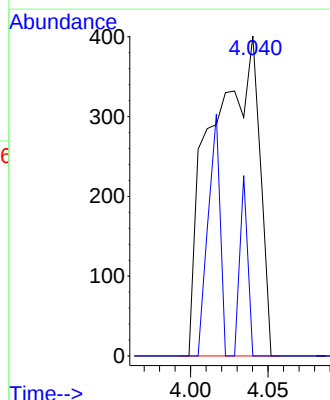
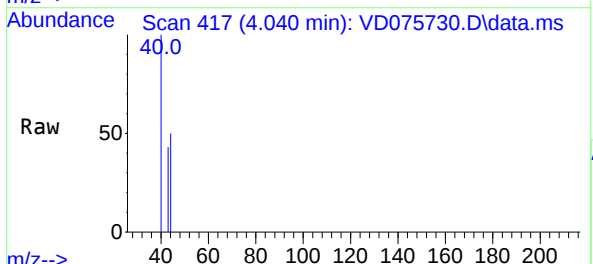
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

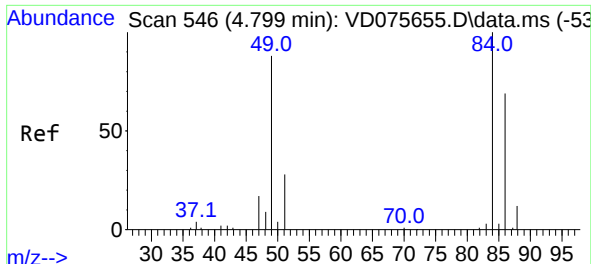
Tgt Ion:168 Resp: 211372
Ion Ratio Lower Upper
168 100
99 47.2 43.8 65.6



#16
Acetone
Concen: 2.310 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

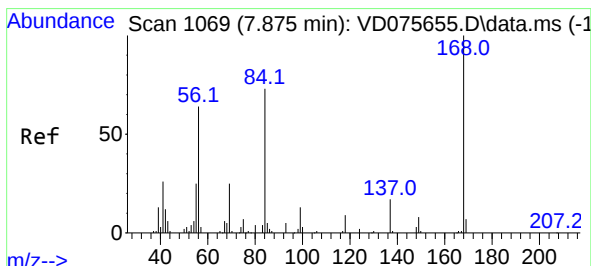
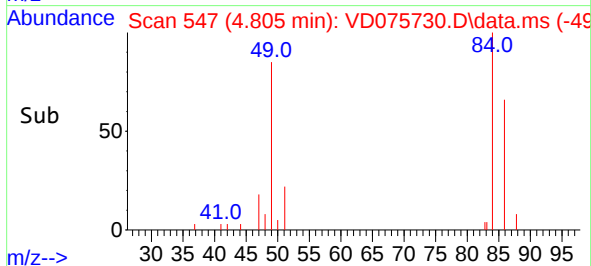
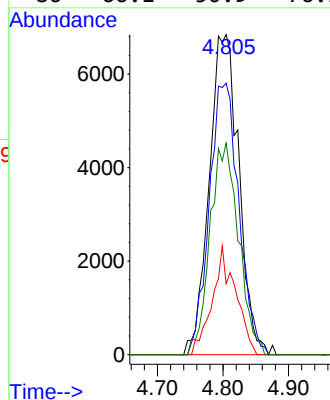
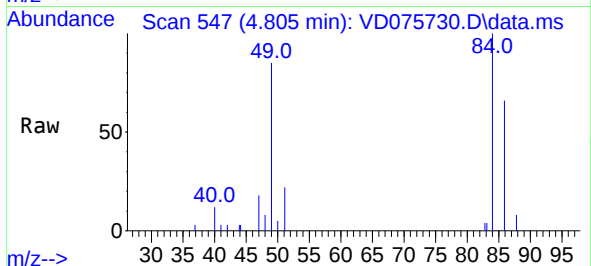




#20
Methylene Chloride
Concen: 3.262 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

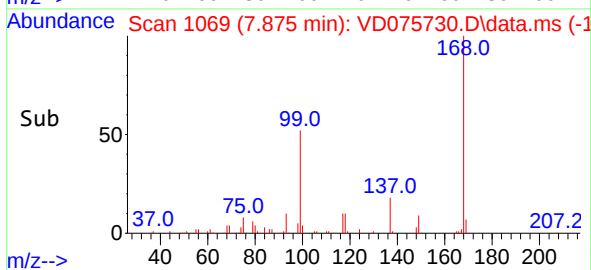
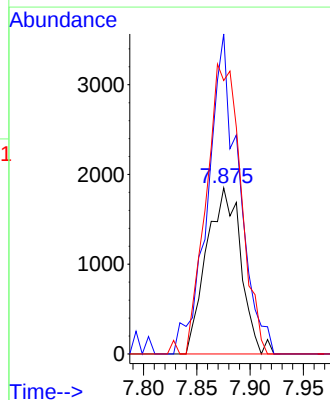
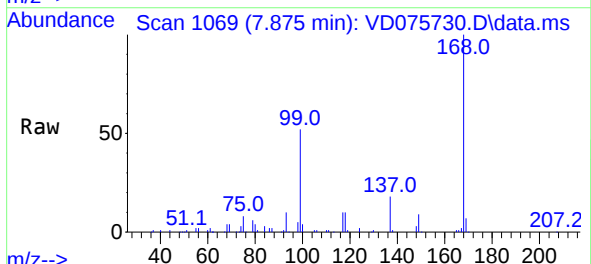
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

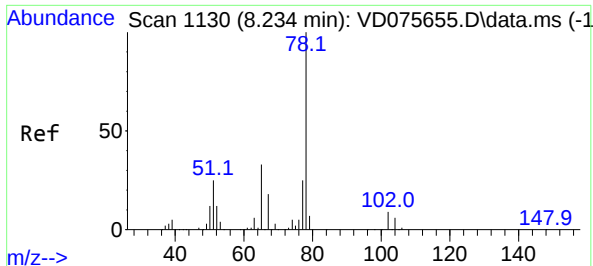
Tgt Ion:	84	Resp:	21536
Ion	Ratio	Lower	Upper
84	100		
49	84.8	106.4	159.6#
51	22.2	32.4	48.6#
86	66.1	50.9	76.3



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion:	56	Resp:	4149
Ion	Ratio	Lower	Upper
56	100		
69	192.7	25.5	38.3#
84	164.7	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 64.939 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD075730.D

Acq: 18 Apr 2023 16:46

Instrument :

MSVOA_D

ClientSampleId :

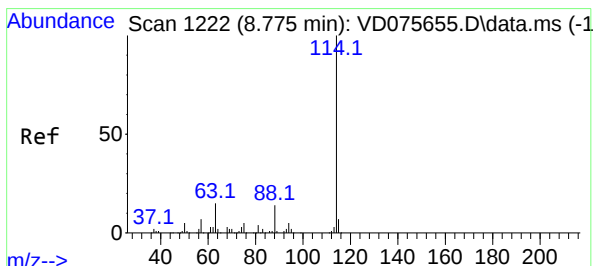
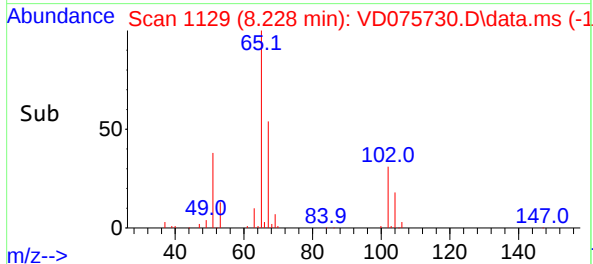
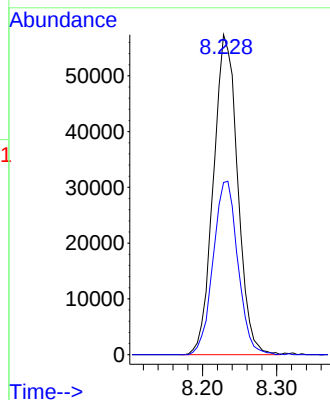
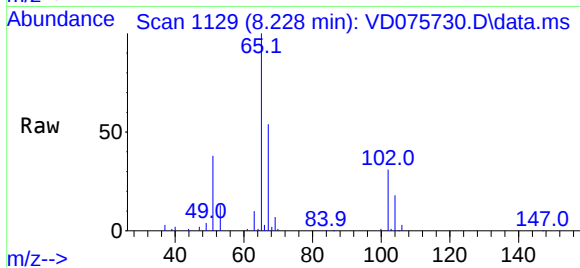
BU-3-041723

Tgt Ion: 65 Resp: 130289

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075730.D

Acq: 18 Apr 2023 16:46

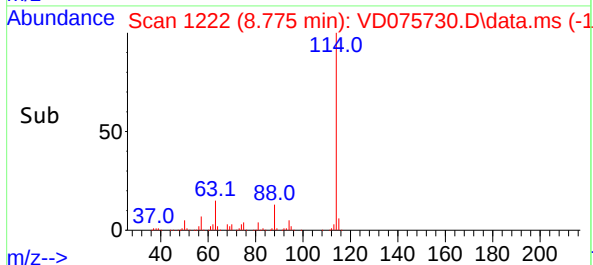
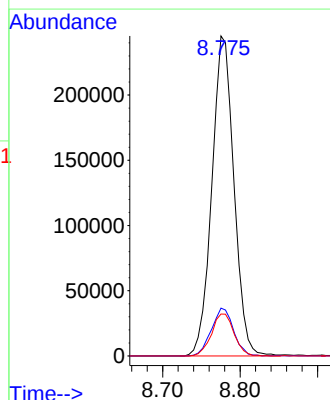
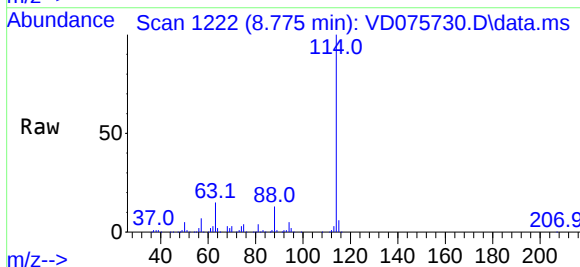
Tgt Ion:114 Resp: 486732

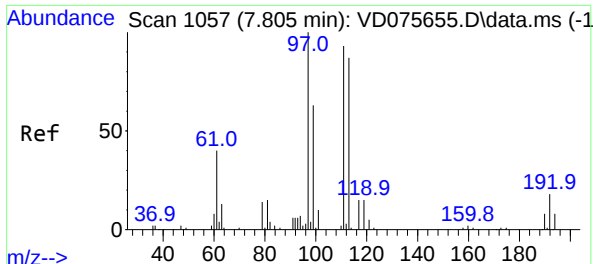
Ion Ratio Lower Upper

114 100

63 15.0 0.0 41.6

88 13.1 0.0 30.6

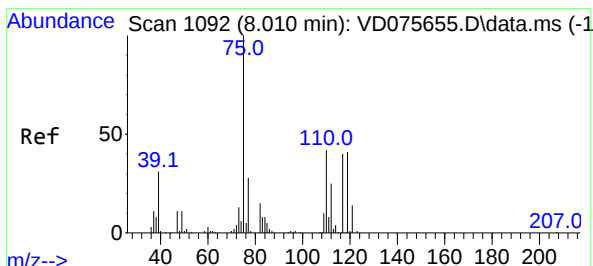
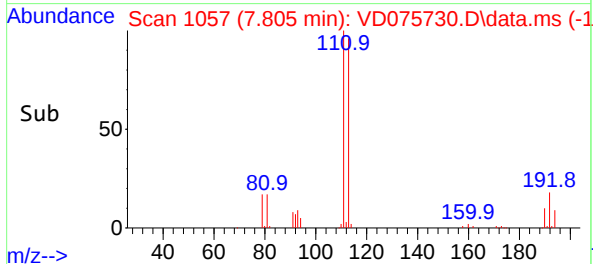
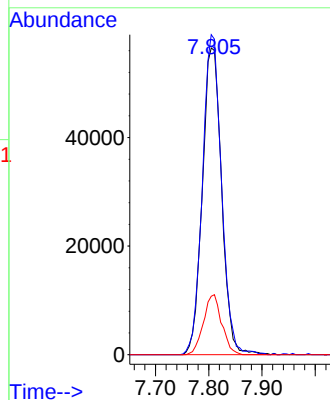
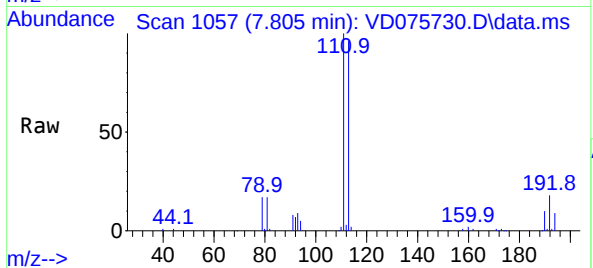




#35
Dibromofluoromethane
Concen: 43.394 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

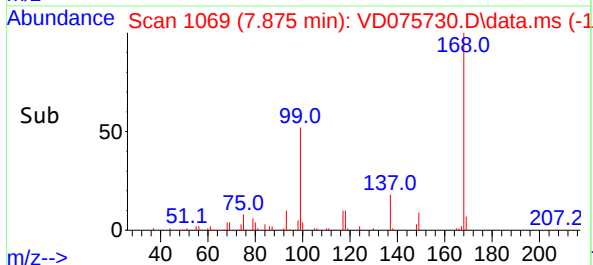
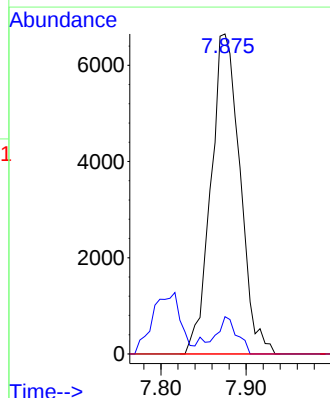
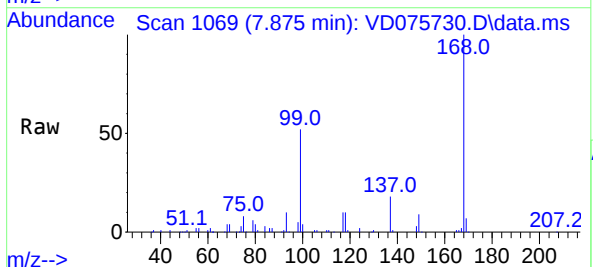
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

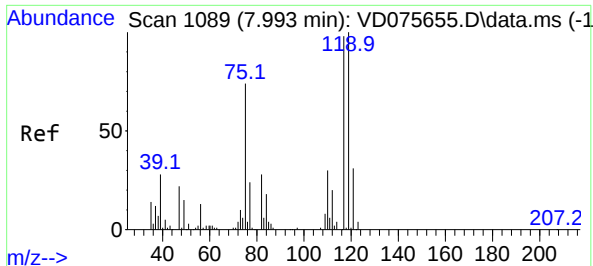
Tgt Ion:113 Resp: 142062
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.500 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion: 75 Resp: 15807
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.6 36.8#

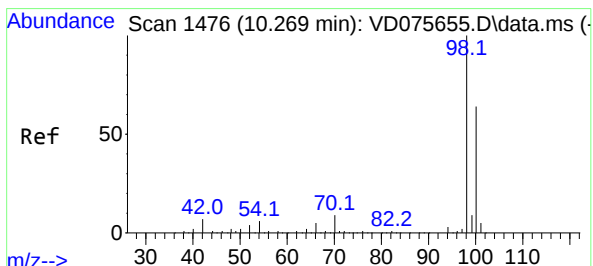
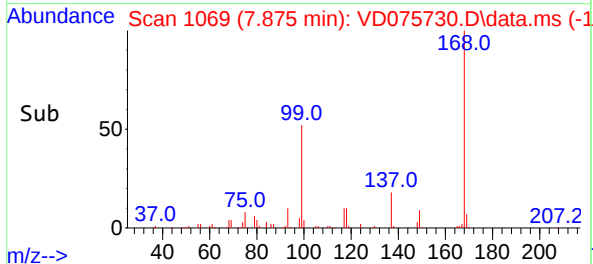
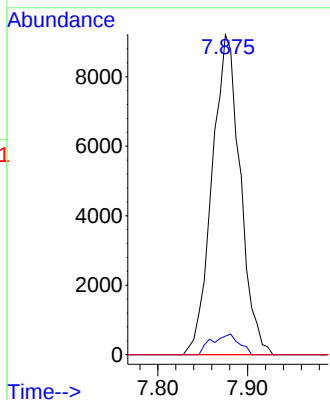
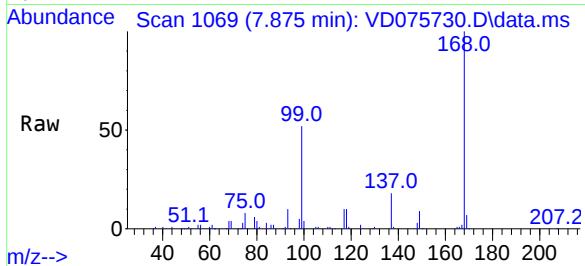




#38
Carbon Tetrachloride
Concen: 5.037 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

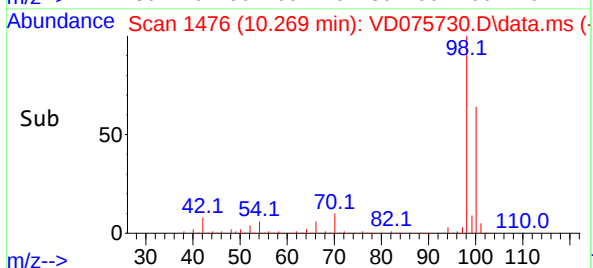
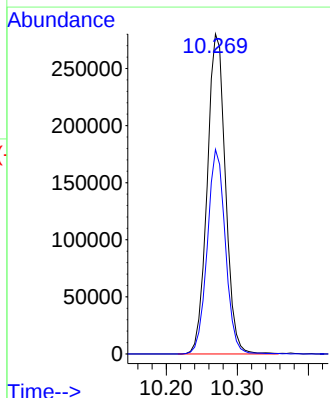
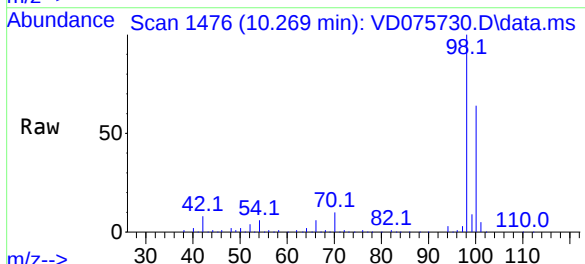
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

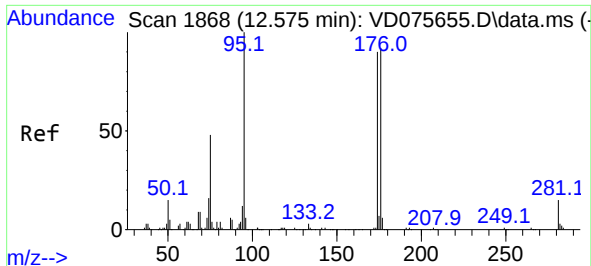
Tgt Ion:117 Resp: 20034
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 38.187 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion: 98 Resp: 500638
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1

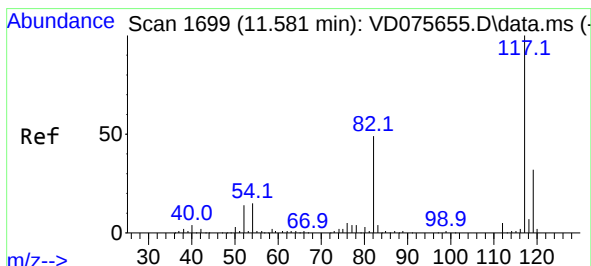
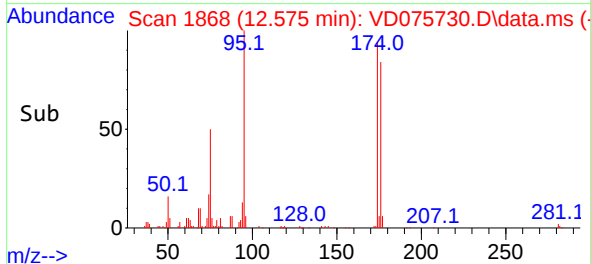
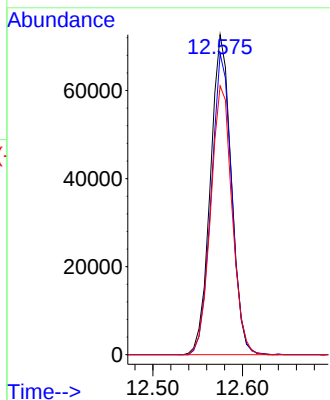
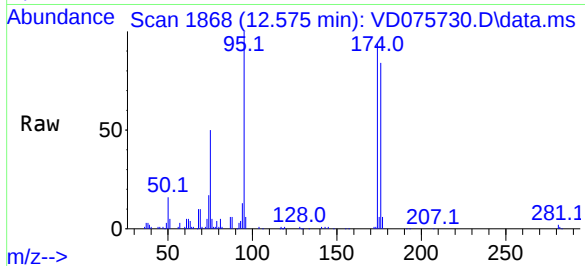




#62
4-Bromofluorobenzene
Concen: 33.725 ug/l
RT: 12.575 min Scan# 117519
Delta R.T. 0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

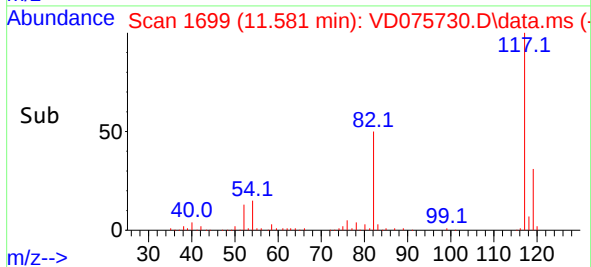
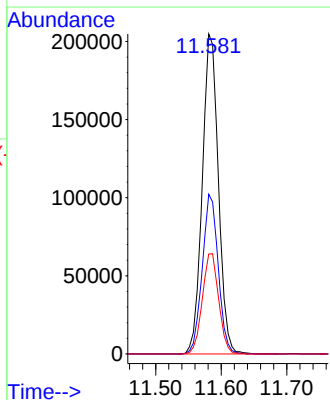
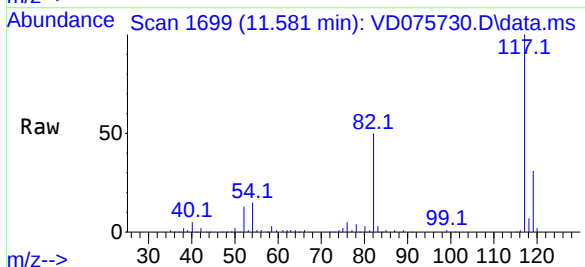
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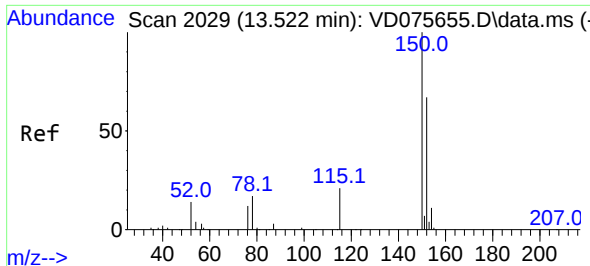
Tgt Ion: 95 Resp: 117519
Ion Ratio Lower Upper
95 100
174 92.3 0.0 164.0
176 85.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion: 117 Resp: 350046
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.3 25.1 37.7

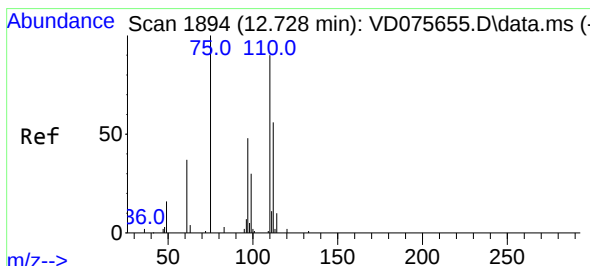
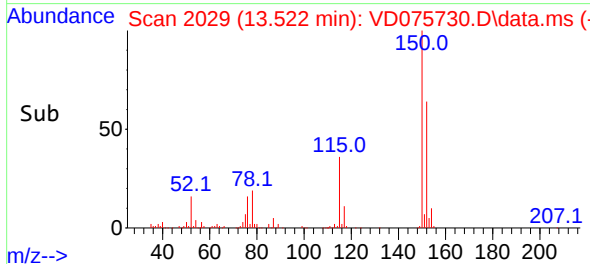
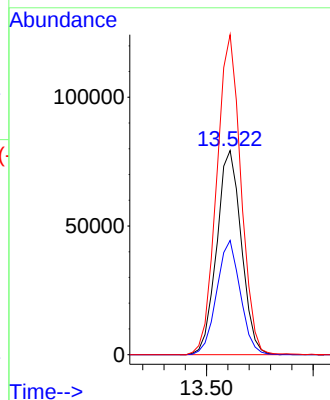
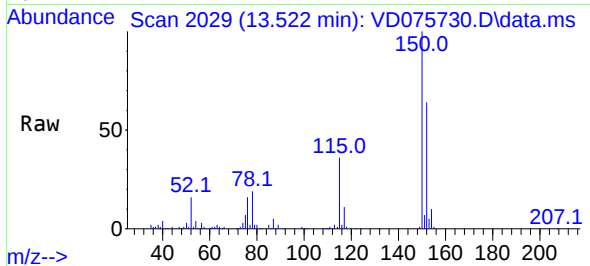




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

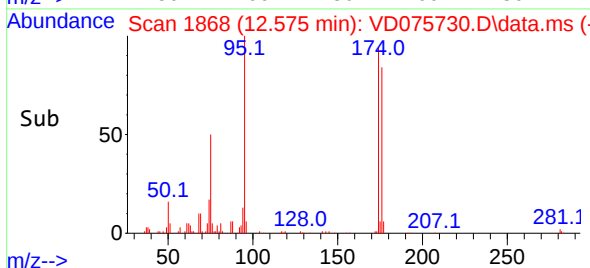
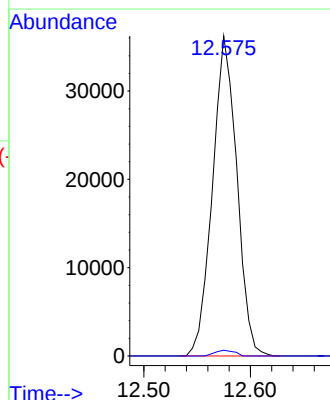
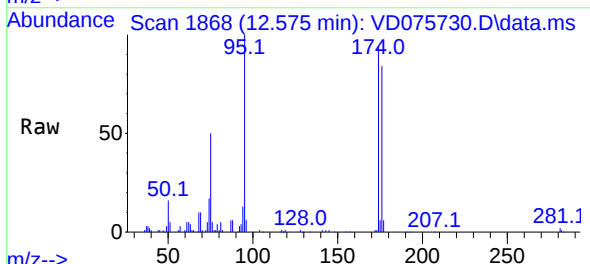
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

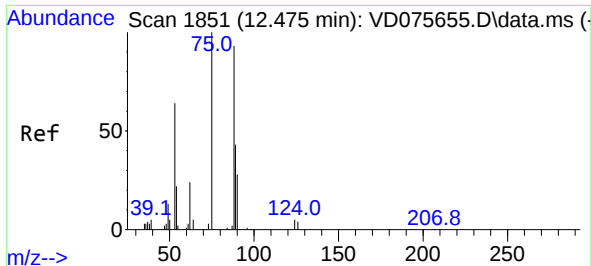
Tgt Ion:152 Resp: 126862
Ion Ratio Lower Upper
152 100
115 53.9 30.1 90.3
150 155.0 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 55.600 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

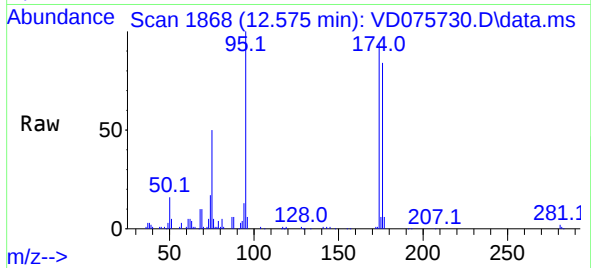
Tgt Ion: 75 Resp: 57521
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 120.508 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723



Tgt Ion: 75 Resp: 57521
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

