

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075723.D
 Acq On : 18 Apr 2023 13:24
 Operator : KP/SY
 Sample : 02369-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-041423

Quant Time: Apr 19 01:23:13 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)

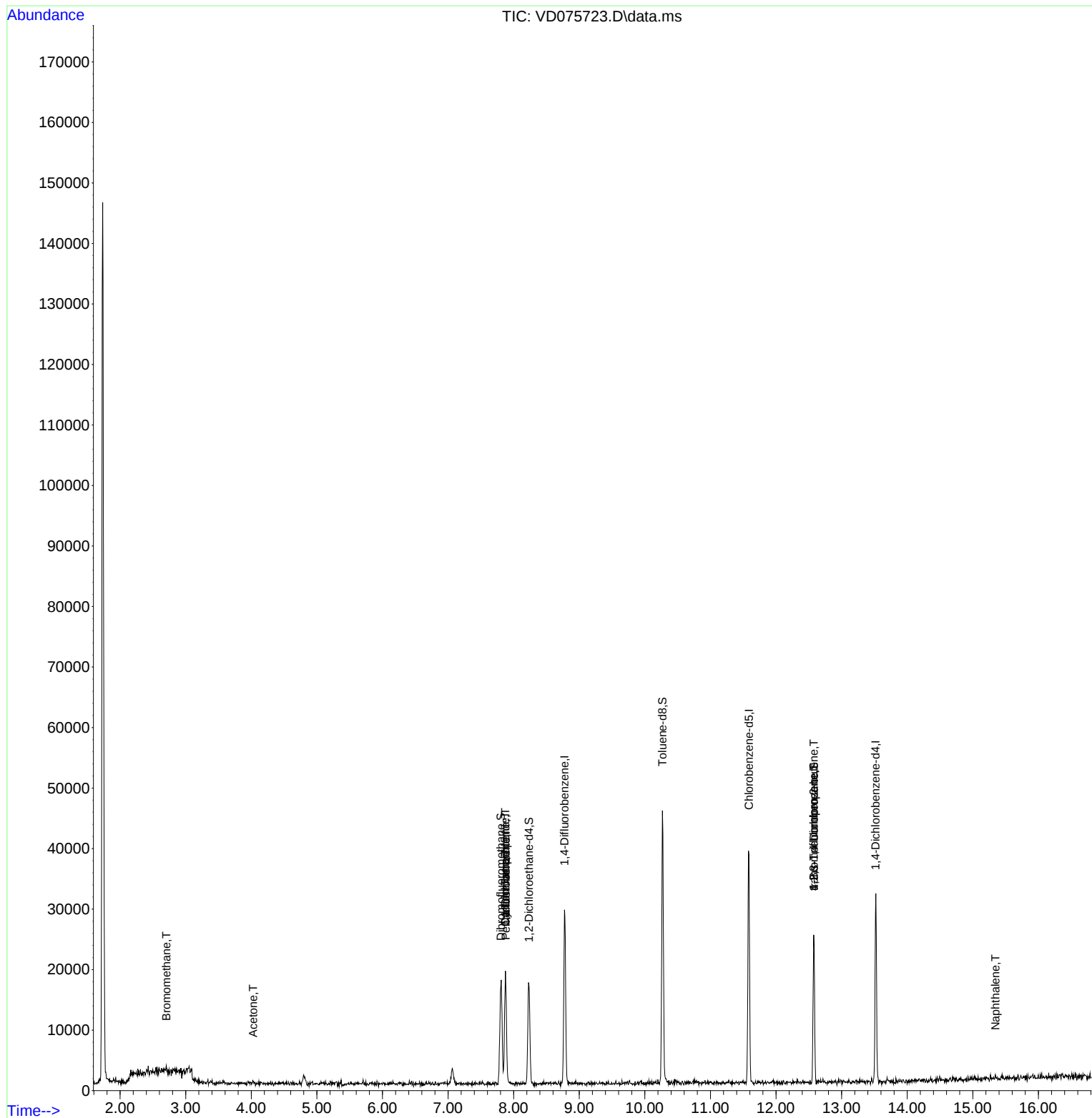
Internal Standards						
1) Pentafluorobenzene	7.881	168	14742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	28120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	26411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	13202	94.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.700%#	
35) Dibromofluoromethane	7.804	113	13326	70.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.920%	
50) Toluene-d8	10.269	98	33783	44.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.200%	
62) 4-Bromofluorobenzene	12.574	95	8443	41.939	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.880%	
Target Compounds						Qvalue
5) Bromomethane	2.704	94	268	1.046	ug/l #	1
16) Acetone	4.028	43	297	11.586	ug/l #	44
31) Cyclohexane	7.875	56	327	1.489	ug/l #	64
36) 1,1-Dichloropropene	7.875	75	1185	4.541	ug/l #	42
38) Carbon Tetrachloride	7.875	117	1579	6.872	ug/l #	13
76) 1,2,3-Trichloropropane	12.574	75	4570	60.623	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	4570	131.394	ug/l #	5
95) Naphthalene	15.345	128	381	1.240	ug/l #	69

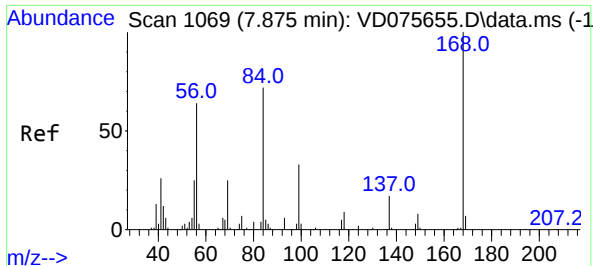
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
Data File : VD075723.D
Acq On : 18 Apr 2023 13:24
Operator : KP/SY
Sample : 02369-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

Quant Time: Apr 19 01:23:13 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

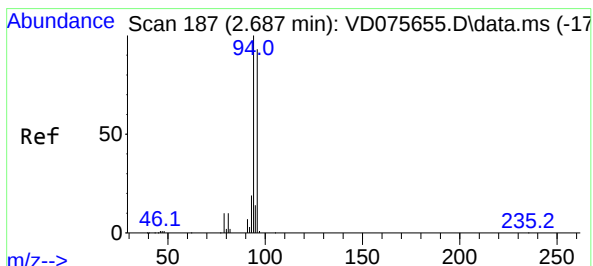
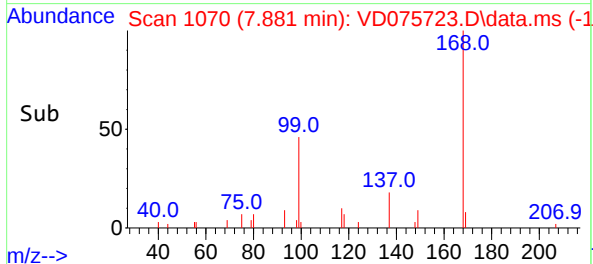
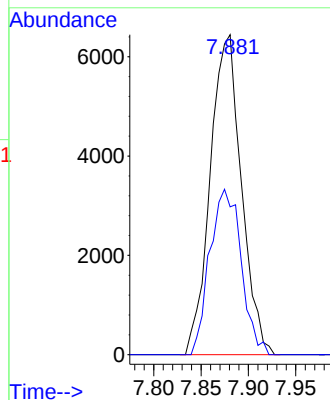
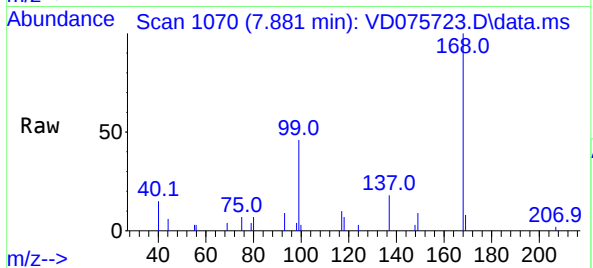




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

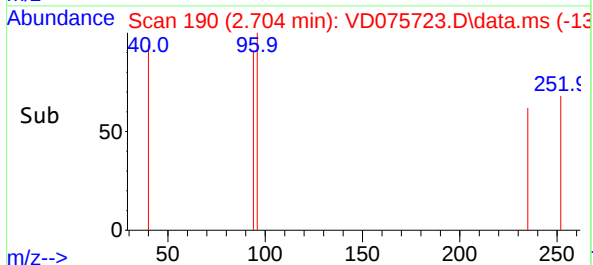
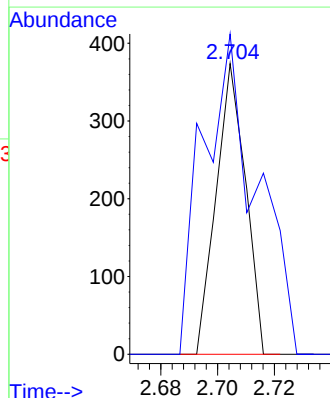
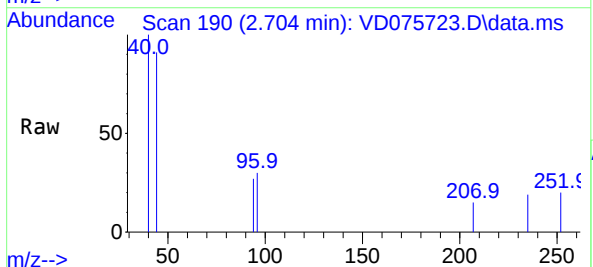
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

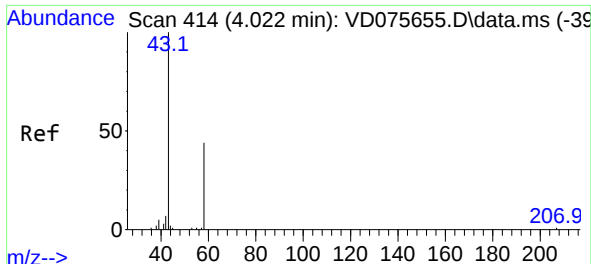
Tgt Ion:168 Resp: 14742
Ion Ratio Lower Upper
168 100
99 46.2 43.8 65.6



#5
Bromomethane
Concen: 1.046 ug/l
RT: 2.704 min Scan# 190
Delta R.T. 0.017 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 201.5 77.5 116.3#

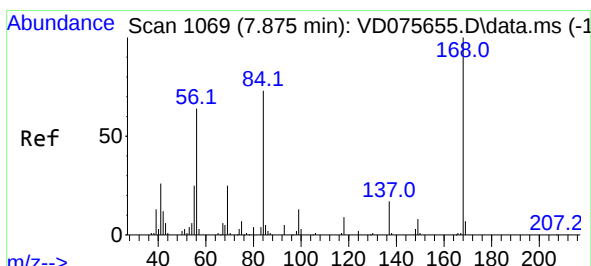
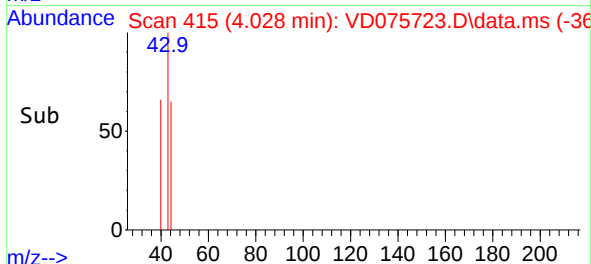
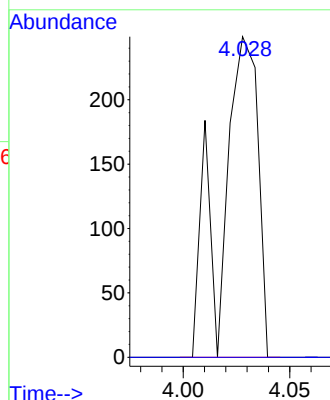
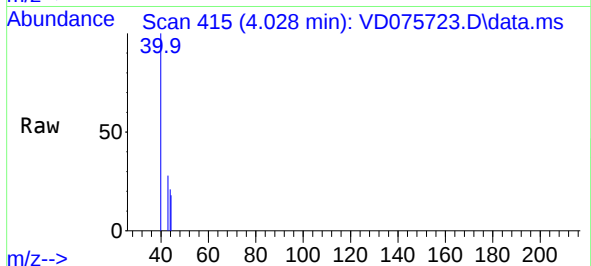




#16
Acetone
Concen: 11.586 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

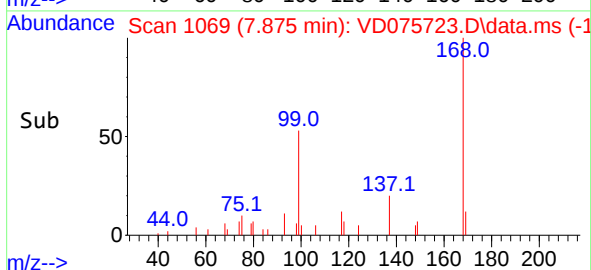
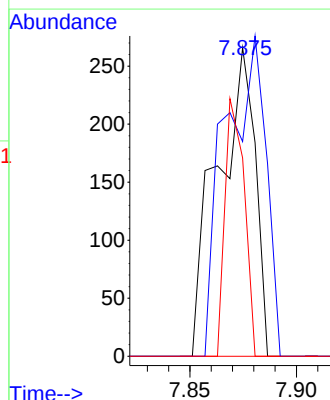
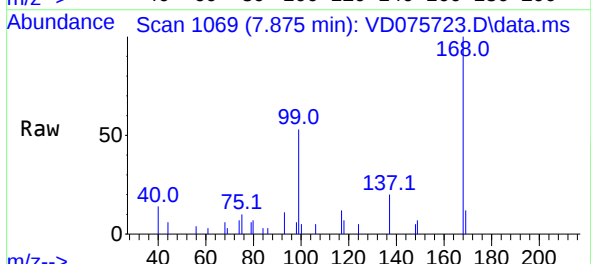
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

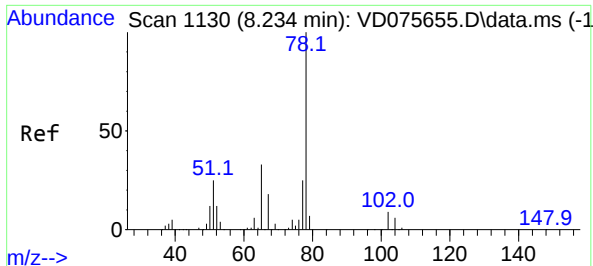
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.489 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 56 Resp: 327
Ion Ratio Lower Upper
56 100
69 69.5 25.5 38.3#
84 64.3 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 94.347 ug/l

RT: 8.233 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VD075723.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

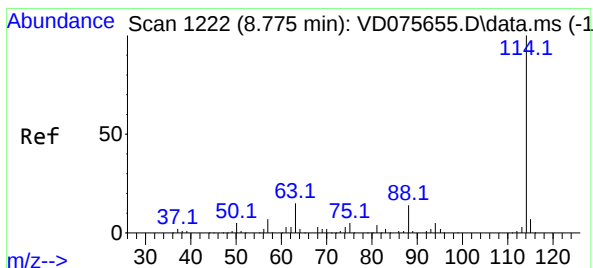
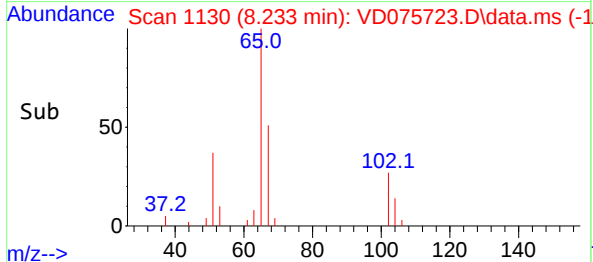
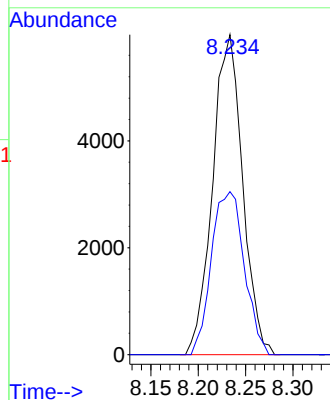
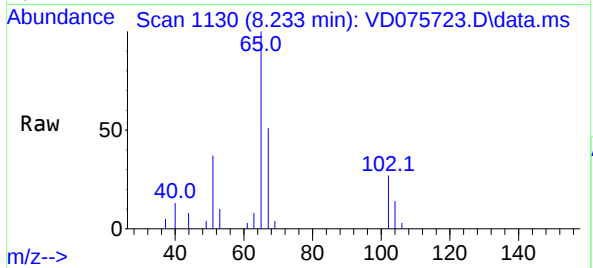
SU-04-041423

Tgt Ion: 65 Resp: 13202

Ion Ratio Lower Upper

65 100

67 55.8 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: VD075723.D

Acq: 18 Apr 2023 13:24

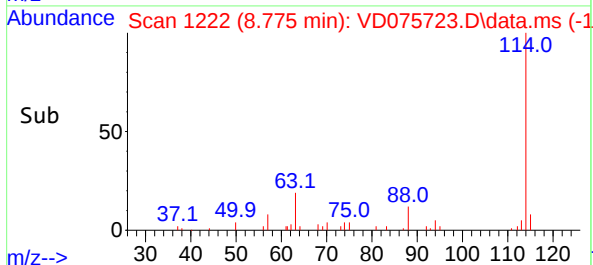
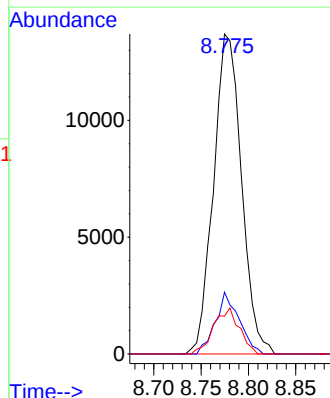
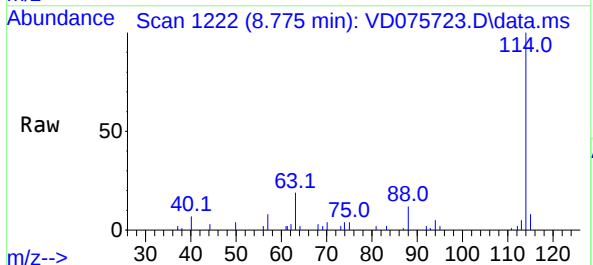
Tgt Ion: 114 Resp: 28120

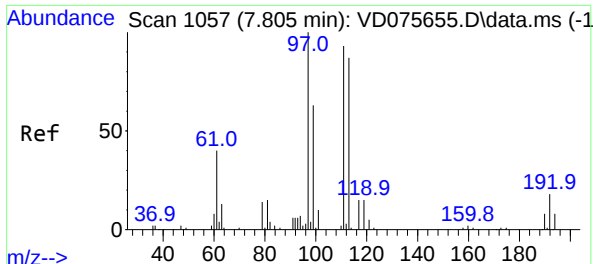
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 11.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 70.458 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.001 min

Lab File: VD075723.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

SU-04-041423

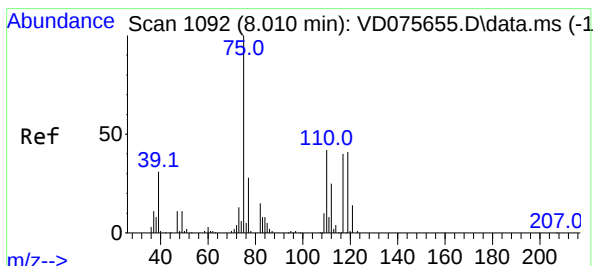
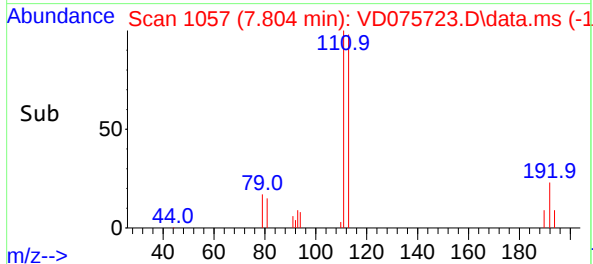
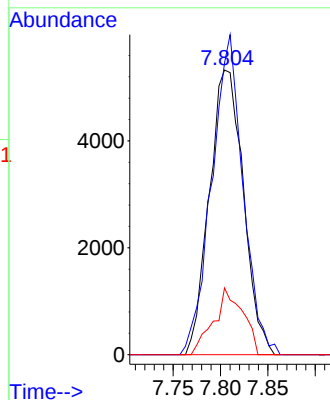
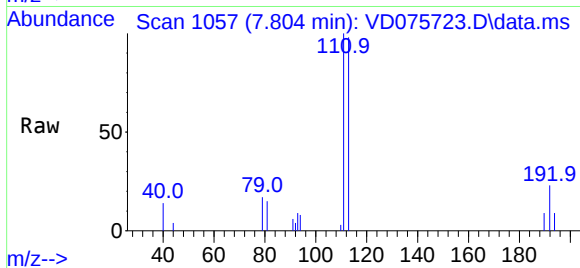
Tgt Ion:113 Resp: 13326

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 20.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.541 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075723.D

Acq: 18 Apr 2023 13:24

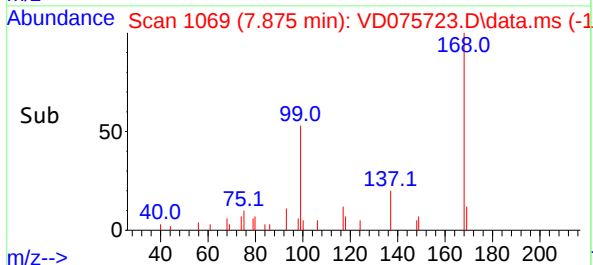
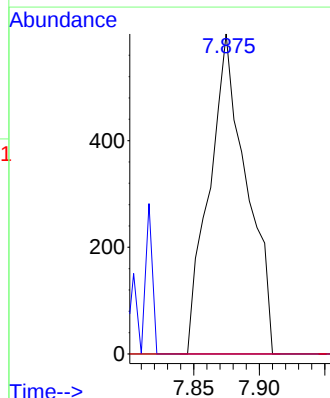
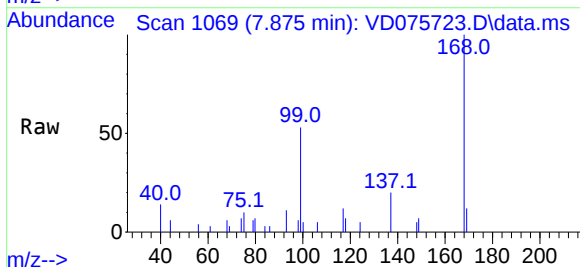
Tgt Ion: 75 Resp: 1185

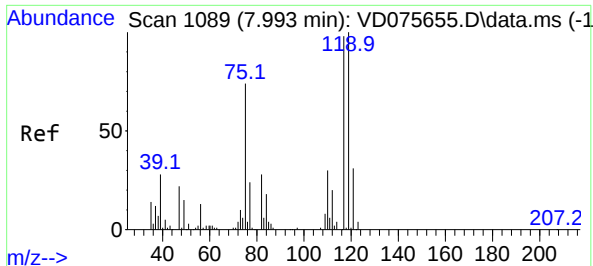
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.6 36.8#

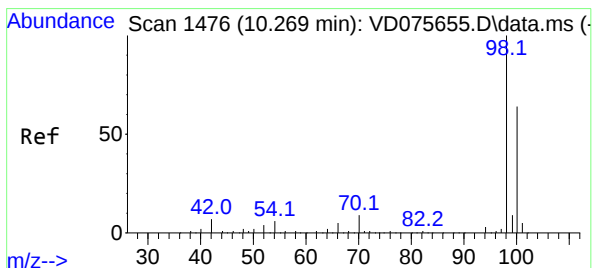
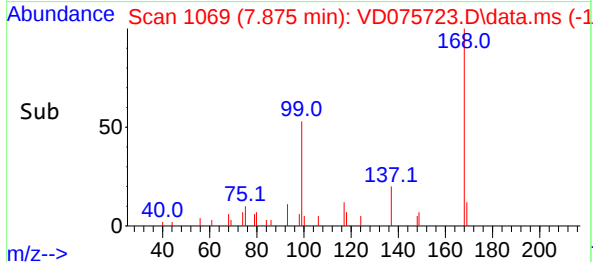
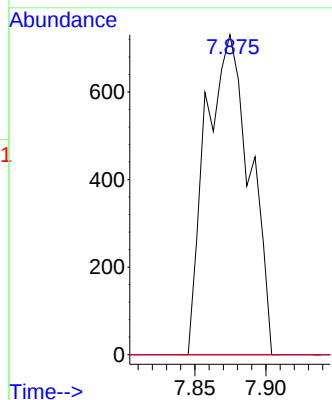
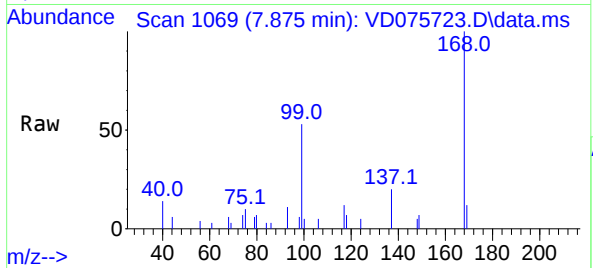




#38
Carbon Tetrachloride
Concen: 6.872 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

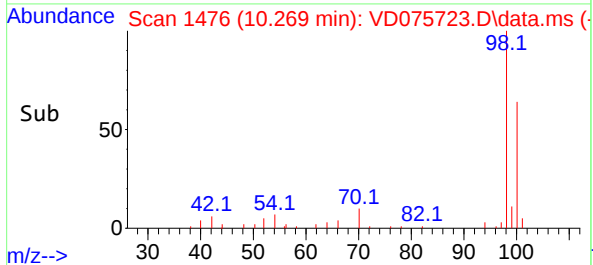
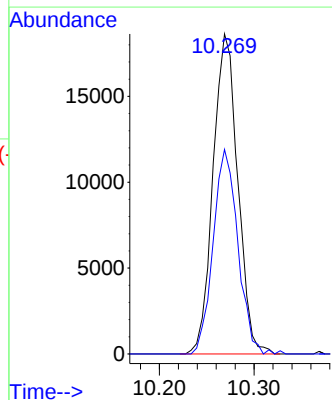
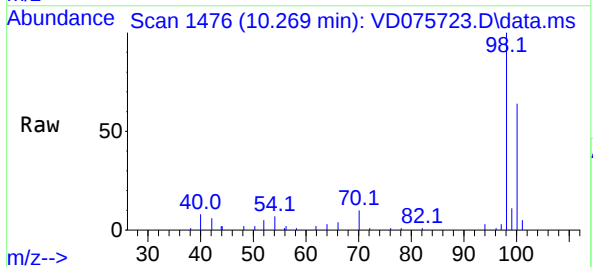
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

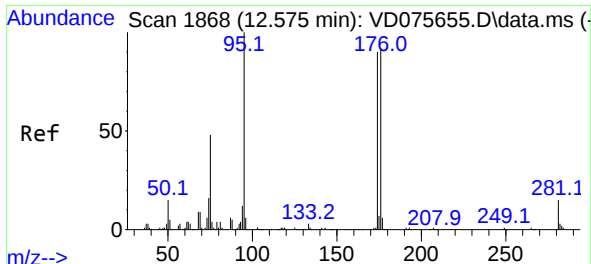
Tgt Ion:117 Resp: 1579
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 44.603 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 98 Resp: 33783
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

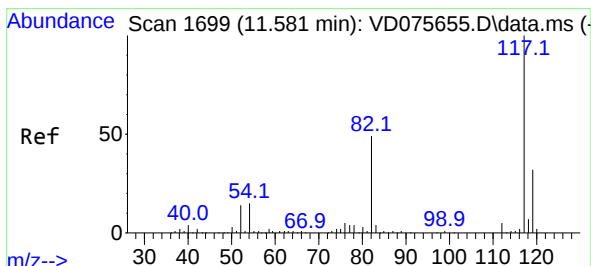
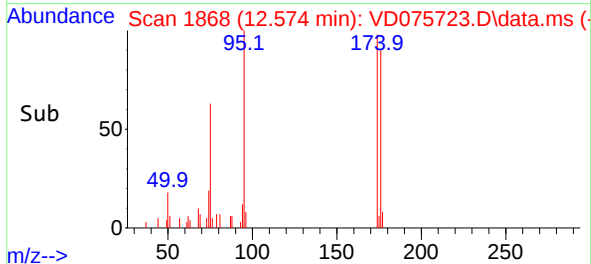
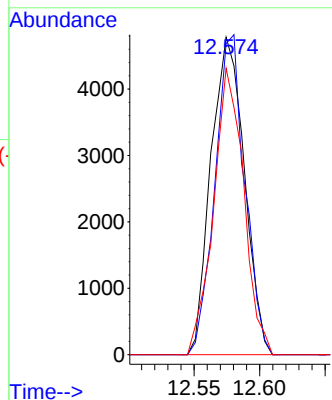
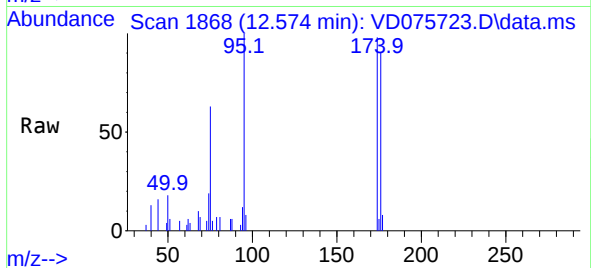




#62
4-Bromofluorobenzene
Concen: 41.939 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

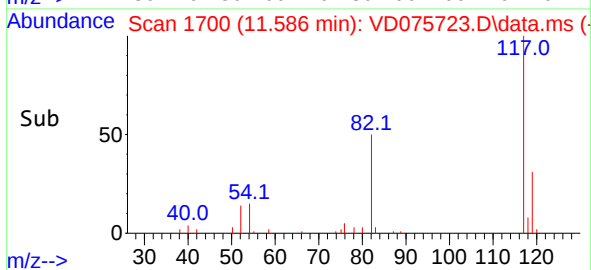
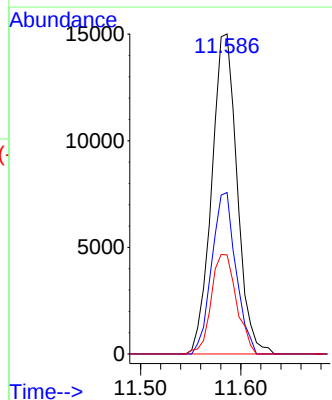
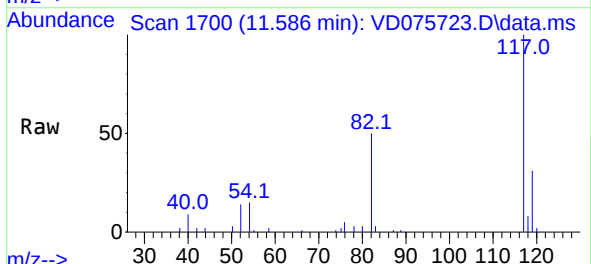
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

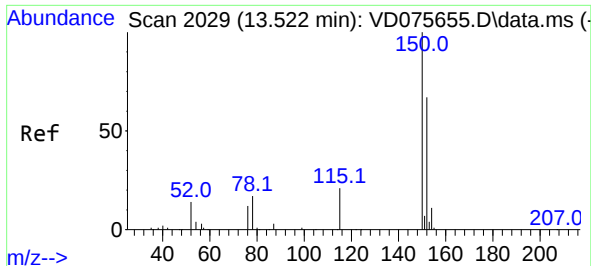
Tgt Ion:	95	Resp:	8443
Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	164.0
176	81.6	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. 0.005 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion:	117	Resp:	26411
Ion	Ratio	Lower	Upper
117	100		
82	50.4	44.0	66.0
119	31.0	25.1	37.7

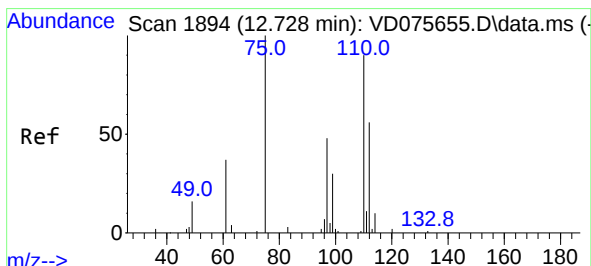
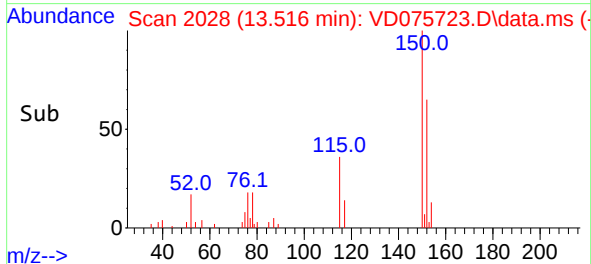
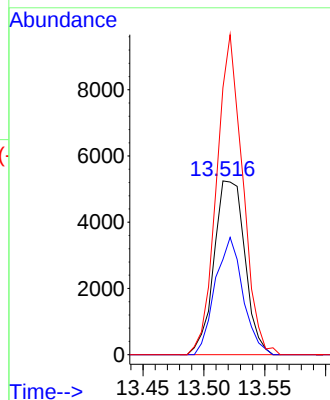
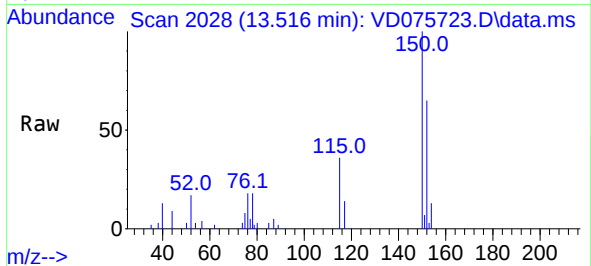




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

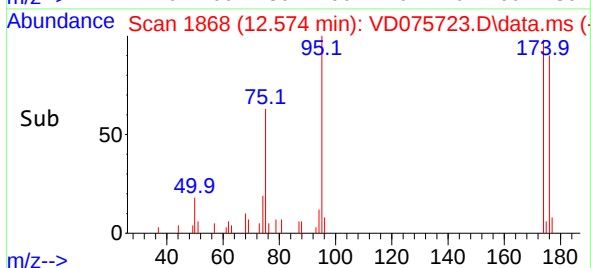
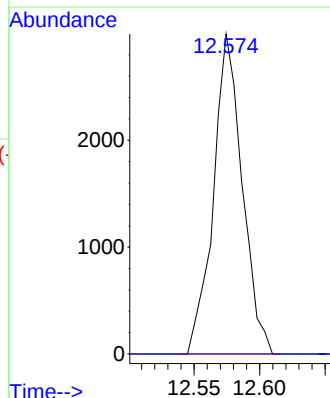
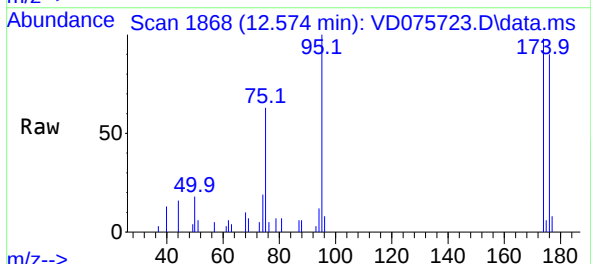
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

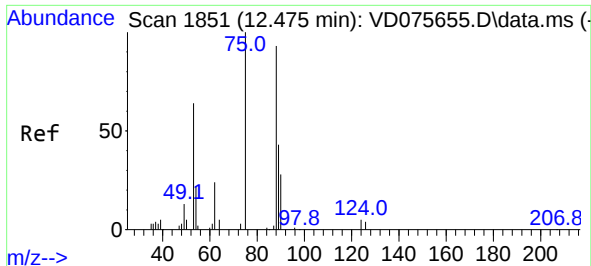
Tgt Ion:152 Resp: 9244
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 156.4 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 60.623 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.154 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 75 Resp: 4570
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

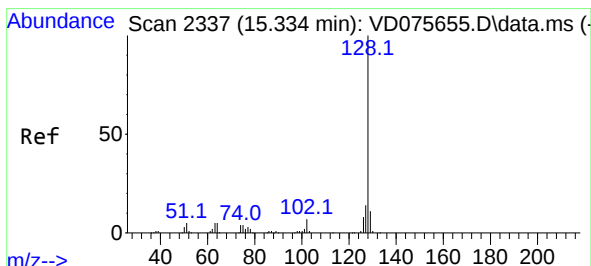
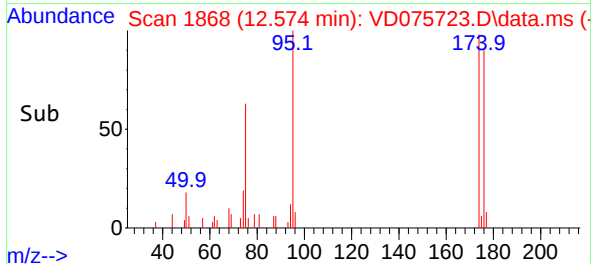
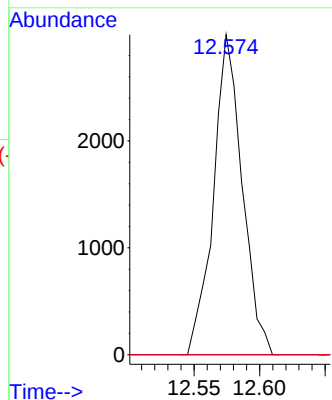
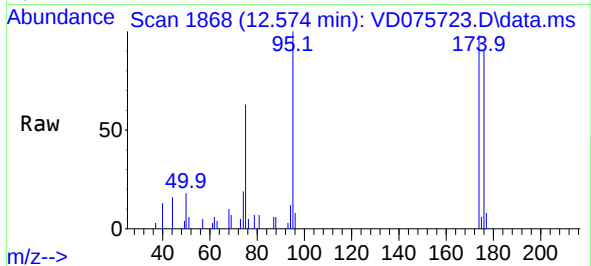




#81
trans-1,4-Dichloro-2-butene
Concen: 131.394 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.099 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

Tgt Ion: 75 Resp: 4570
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 1.240 ug/l
RT: 15.345 min Scan# 2339
Delta R.T. 0.011 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 128 Resp: 381
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

