

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075731.D
 Acq On : 18 Apr 2023 17:15
 Operator : KP/SY
 Sample : 02384-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROLL-OFF-8PT-COMP

Quant Time: Apr 19 01:24:26 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)

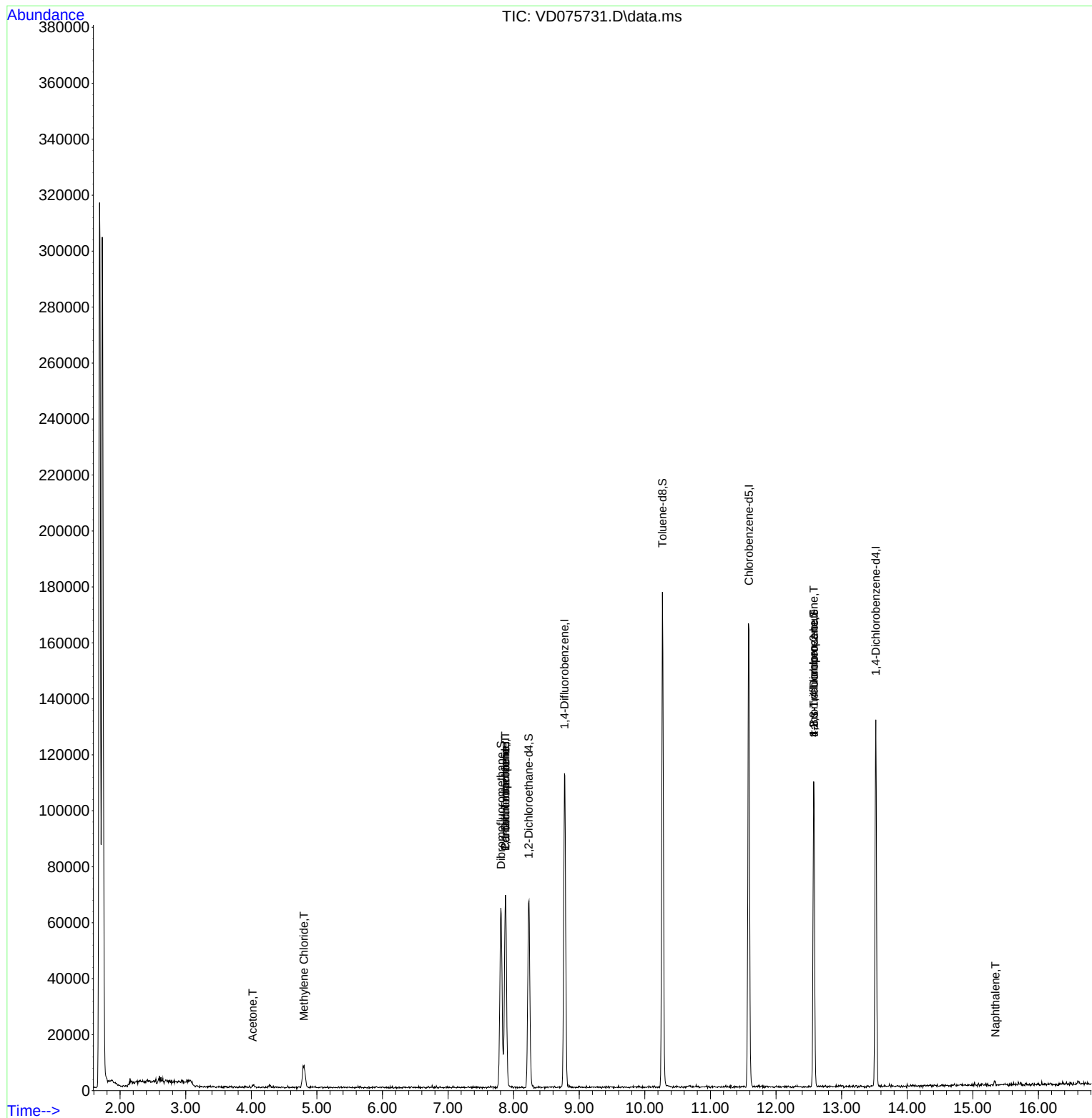
Internal Standards						
1) Pentafluorobenzene	7.875	168	58255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	112831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	107782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52368	94.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.420%#	
35) Dibromofluoromethane	7.810	113	48752	64.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.480%	
50) Toluene-d8	10.269	98	128342	42.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.460%	
62) 4-Bromofluorobenzene	12.575	95	34684	42.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.880%	
Target Compounds						Qvalue
16) Acetone	4.022	43	1214	11.984	ug/l #	76
20) Methylene Chloride	4.805	84	7619	5.629	ug/l #	72
36) 1,1-Dichloropropene	7.875	75	4252	4.061	ug/l #	48
38) Carbon Tetrachloride	7.875	117	5749	6.236	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	17706	56.638	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	17706	122.757	ug/l #	5
95) Naphthalene	15.345	128	1582	1.242	ug/l #	88

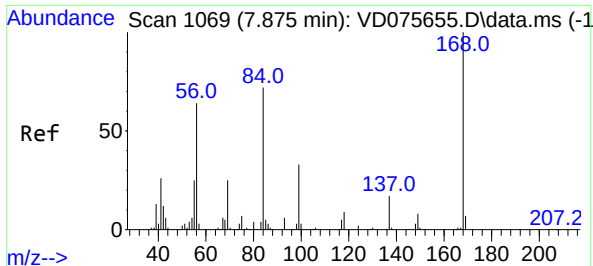
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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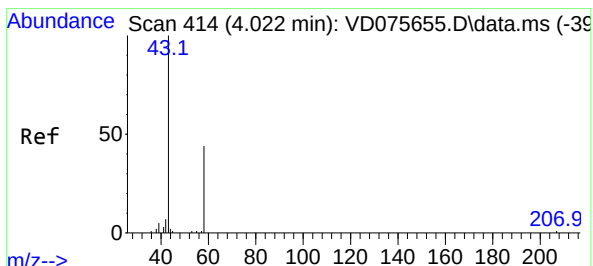
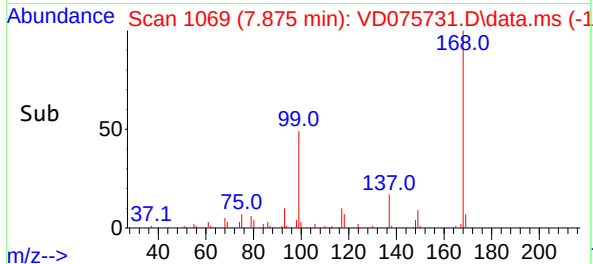
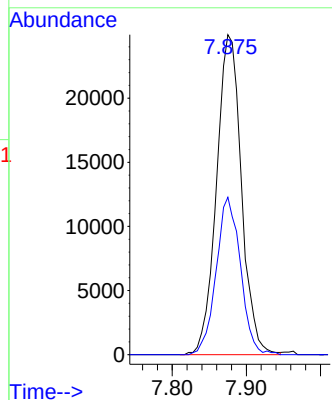
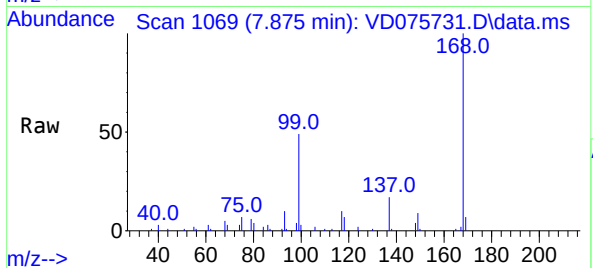




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

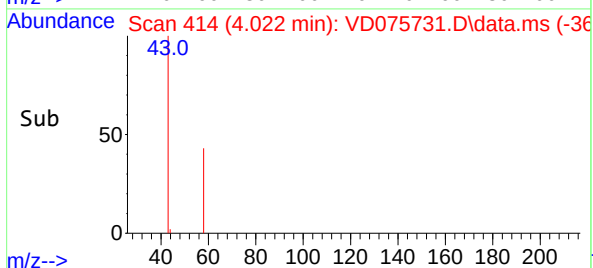
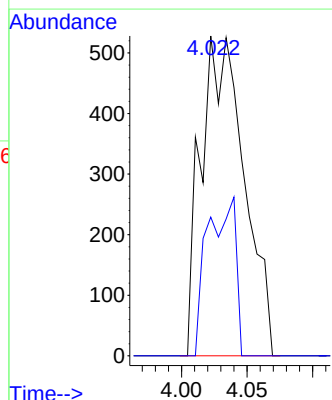
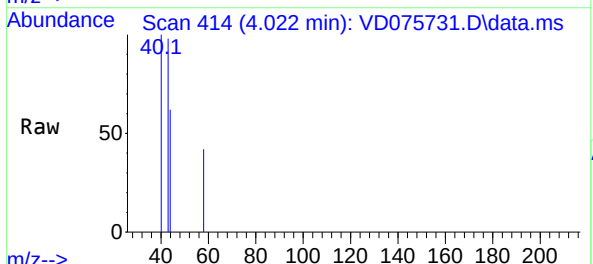
Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-8PT-COMP

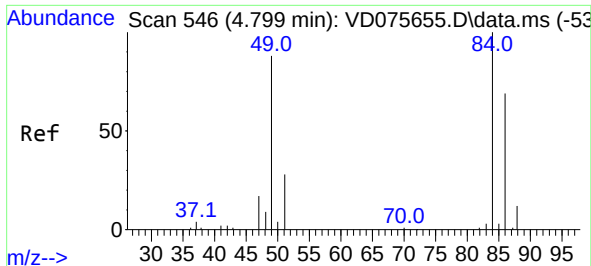
Tgt Ion:168 Resp: 58255
Ion Ratio Lower Upper
168 100
99 49.2 43.8 65.6



#16
Acetone
Concen: 11.984 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 43.4 24.4 36.6#

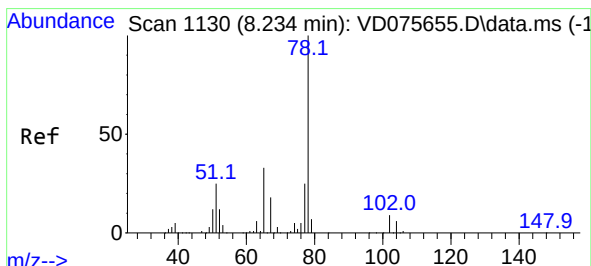
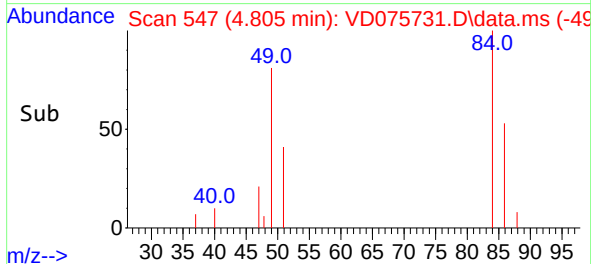
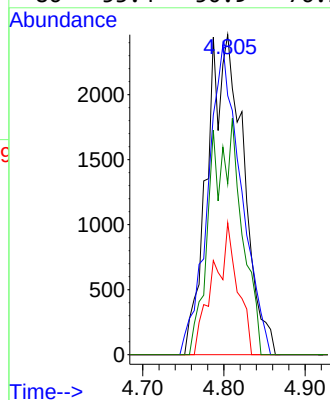
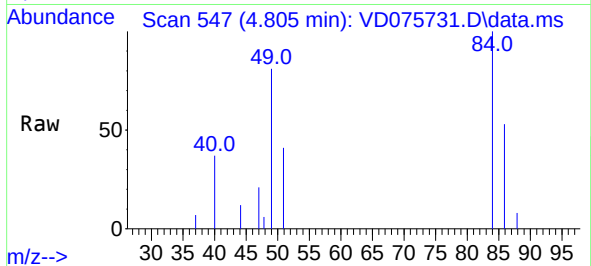




#20
Methylene Chloride
Concen: 5.629 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

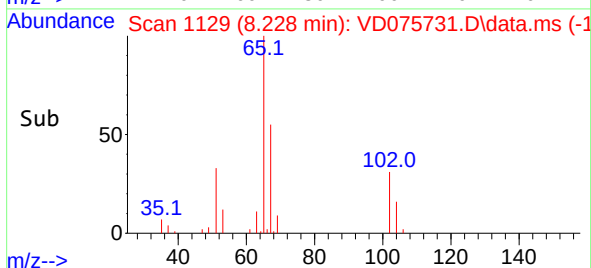
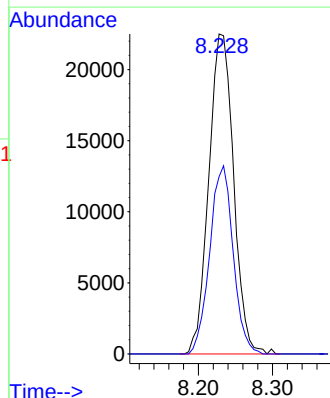
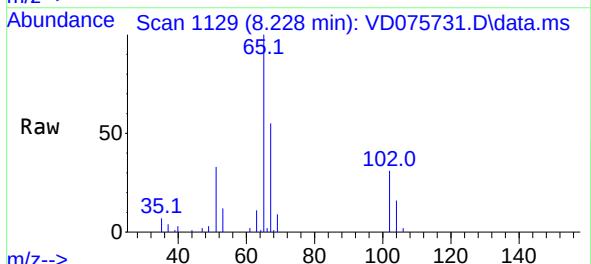
Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-8PT-COMP

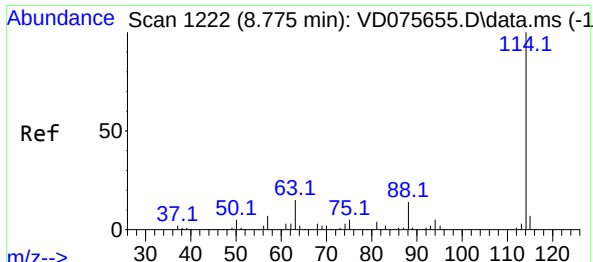
Tgt Ion: 84	Resp: 7619
Ion Ratio	Lower Upper
84 100	
49 80.9	106.4 159.6#
51 41.2	32.4 48.6
86 53.4	50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 94.706 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

Tgt Ion: 65	Resp: 52368
Ion Ratio	Lower Upper
65 100	
67 55.5	0.0 102.2



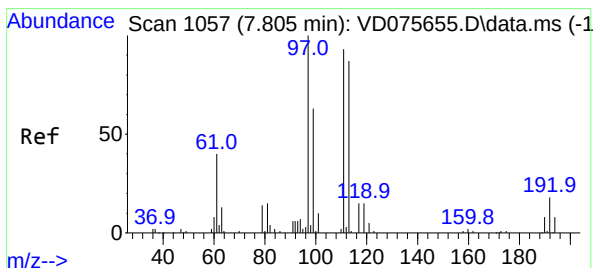
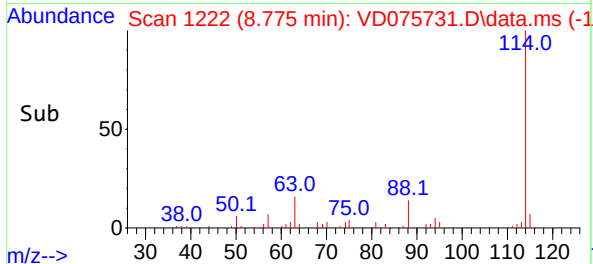
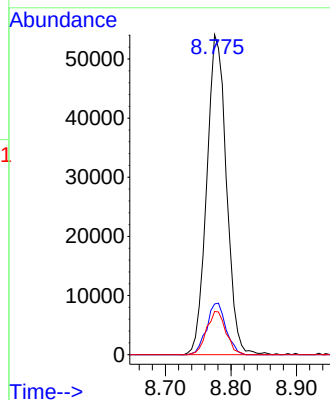
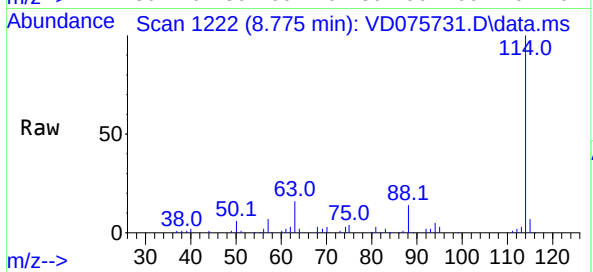


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-8PT-COMP

Tgt Ion:114 Resp: 112831

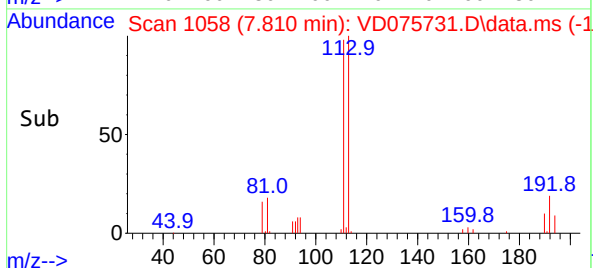
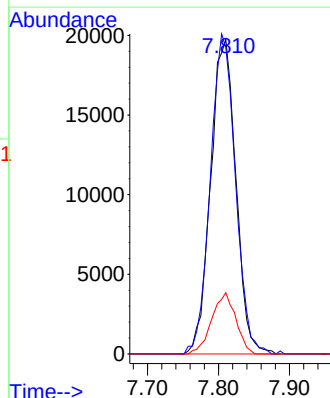
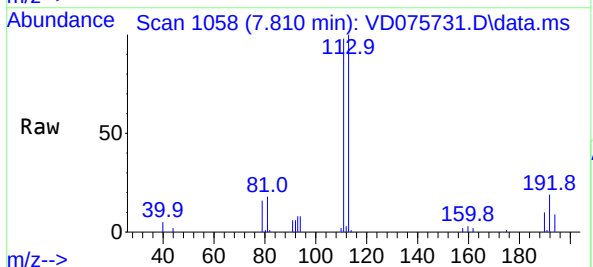
Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	41.6
88	13.5	0.0	30.6

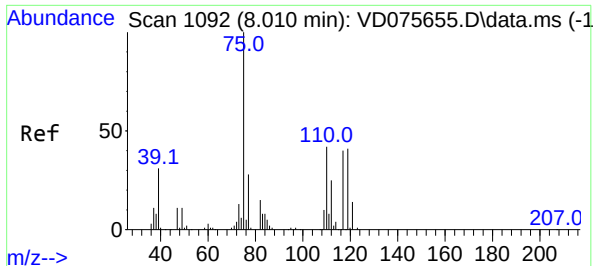


#35
Dibromofluoromethane
Concen: 64.240 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

Tgt Ion:113 Resp: 48752

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.4	122.0
192	18.6	15.2	22.8





#36

1,1-Dichloropropene

Concen: 4.061 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075731.D

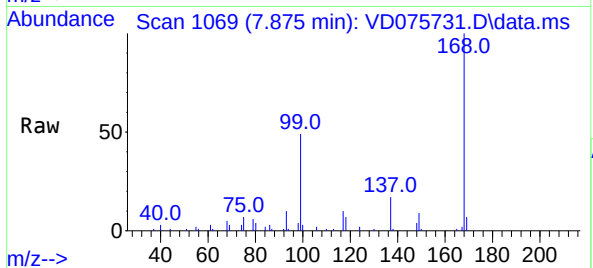
Acq: 18 Apr 2023 17:15

Instrument :

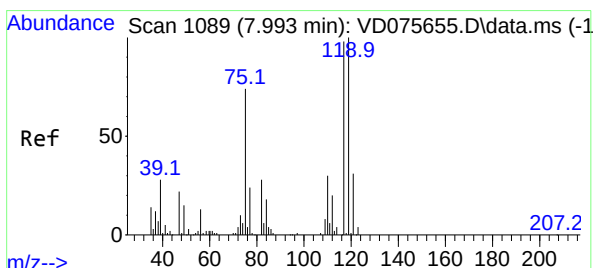
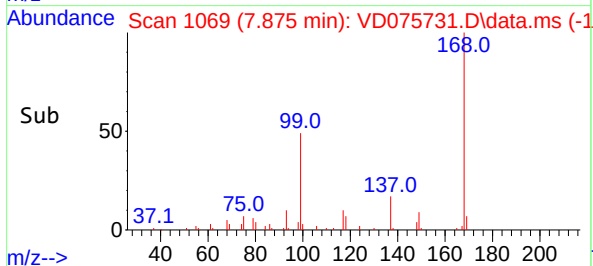
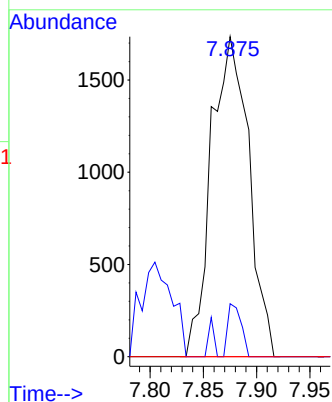
MSVOA_D

ClientSampleId :

ROLL-OFF-8PT-COMP



Tgt Ion:	75	Resp:	4252
Ion	Ratio	Lower	Upper
75	100		
110	5.9	17.1	51.2#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 6.236 ug/l

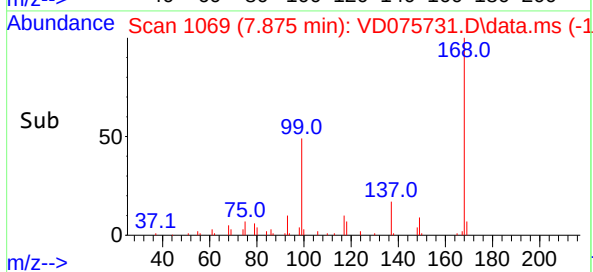
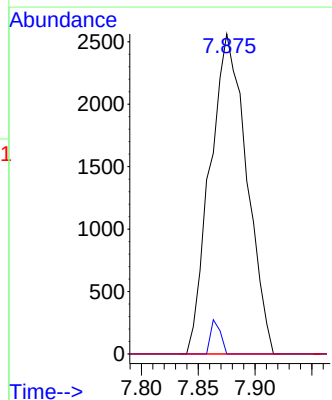
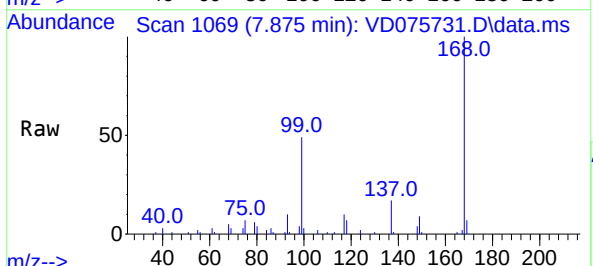
RT: 7.875 min Scan# 1069

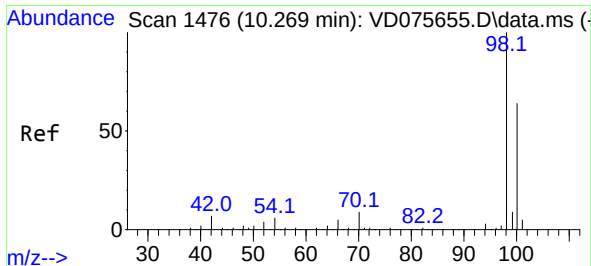
Delta R.T. -0.118 min

Lab File: VD075731.D

Acq: 18 Apr 2023 17:15

Tgt Ion:	117	Resp:	5749
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.7	112.1#
121	0.0	25.9	38.9#

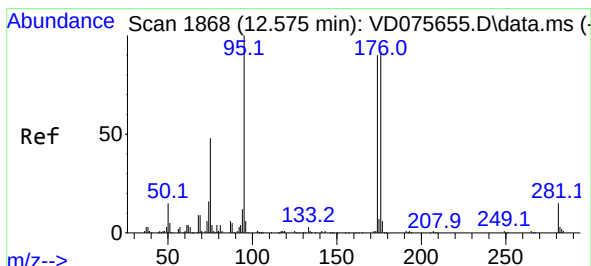
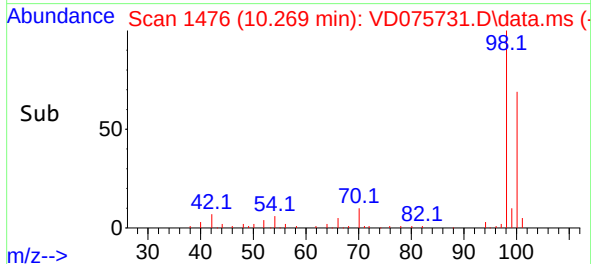
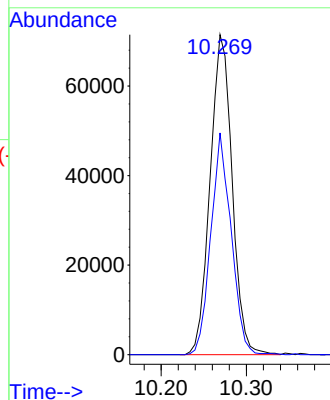
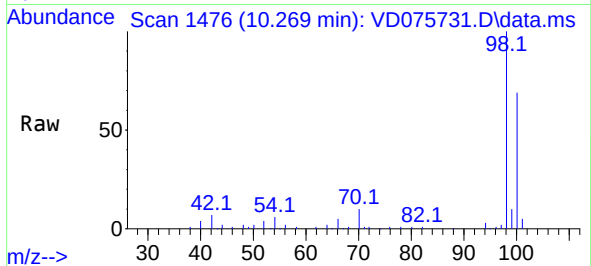




#50
Toluene-d8
Concen: 42.230 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

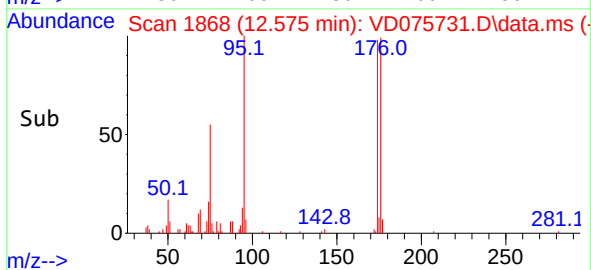
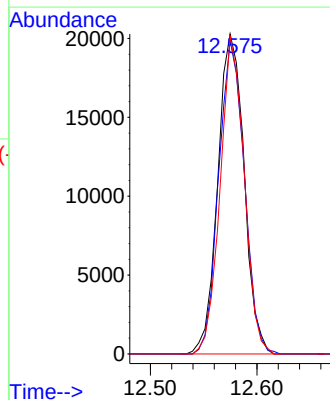
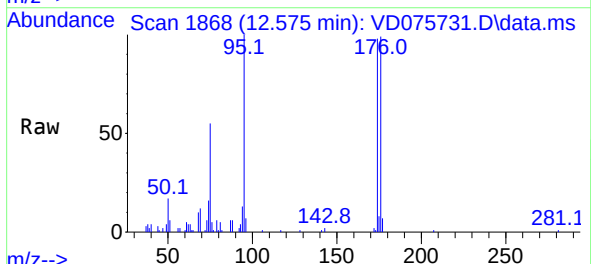
Instrument :
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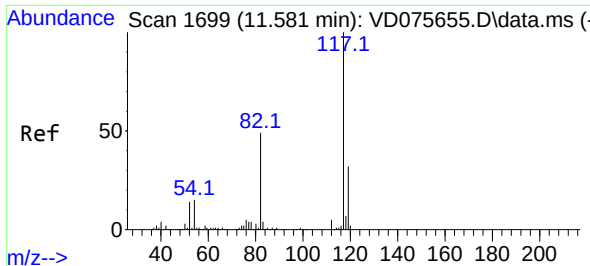
Tgt Ion: 98 Resp: 128342
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.937 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

Tgt Ion: 95 Resp: 34684
Ion Ratio Lower Upper
95 100
174 95.2 0.0 164.0
176 90.6 0.0 156.8

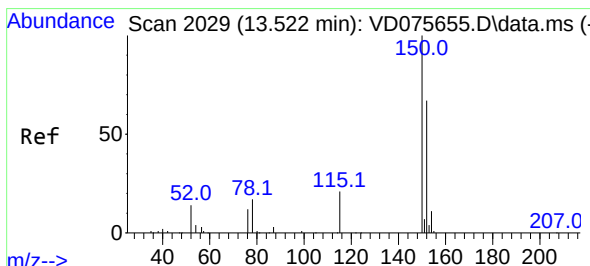
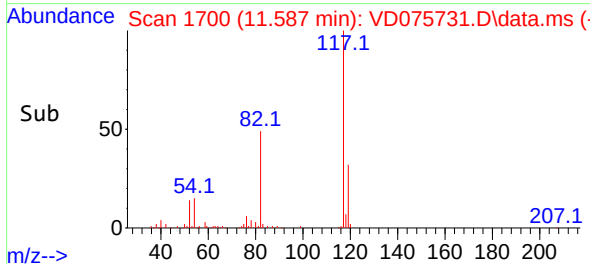
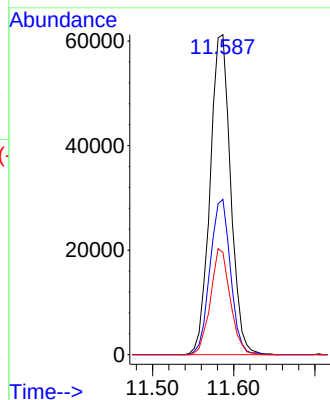
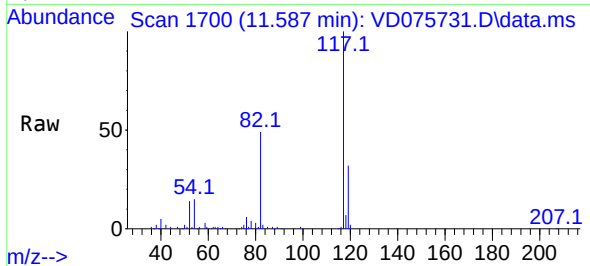




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

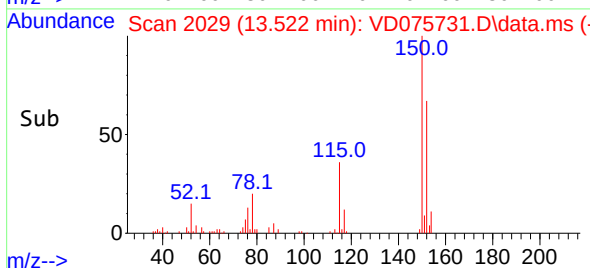
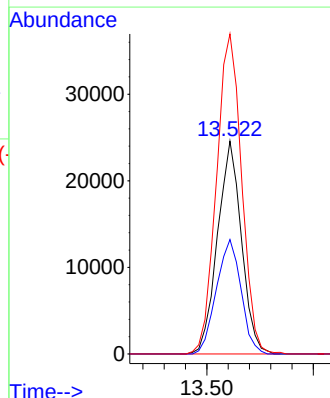
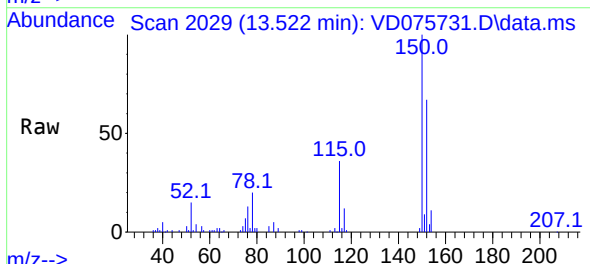
Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-8PT-COMP

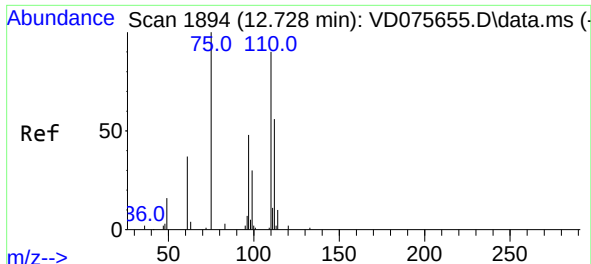
Tgt Ion:117 Resp: 107782
Ion Ratio Lower Upper
117 100
82 48.6 44.0 66.0
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

Tgt Ion:152 Resp: 38335
Ion Ratio Lower Upper
152 100
115 55.2 30.1 90.3
150 158.1 0.0 364.8

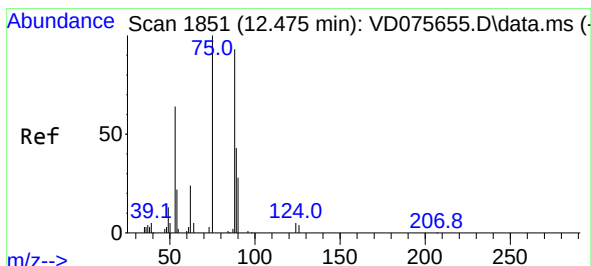
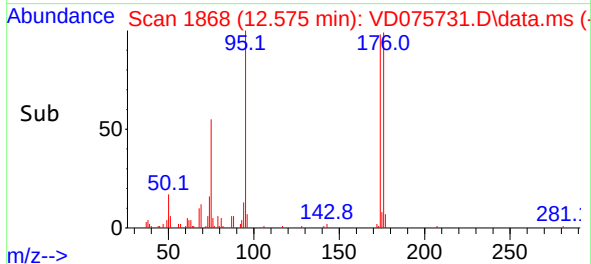
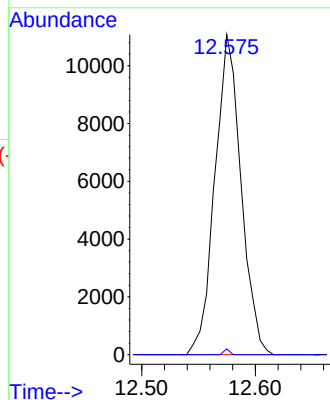
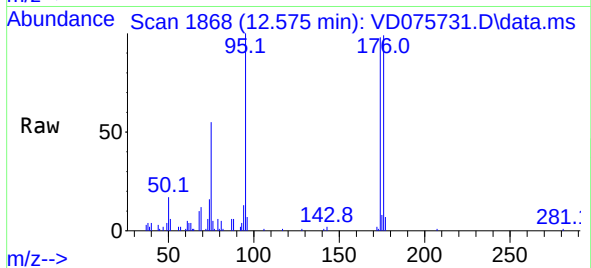




#76
1,2,3-Trichloropropane
Concen: 56.638 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

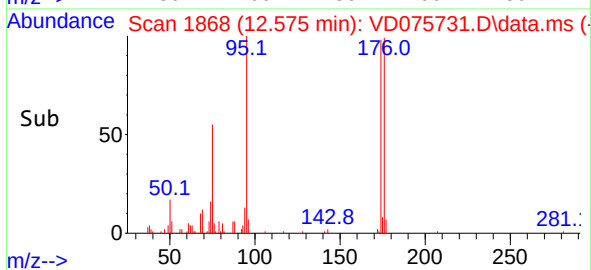
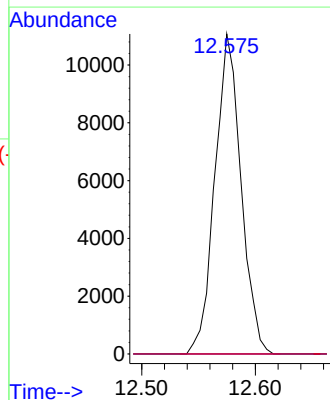
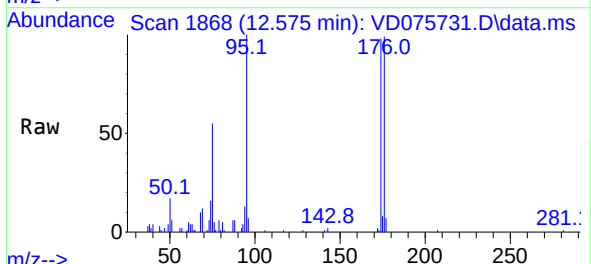
Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-8PT-COMP

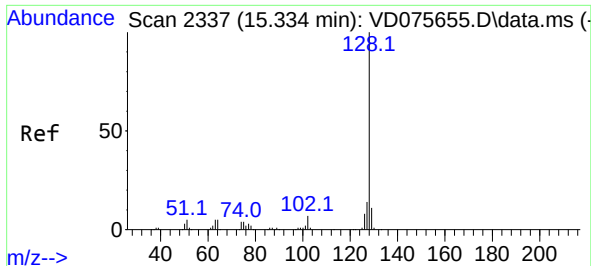
Tgt Ion: 75 Resp: 17706
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.757 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075731.D
Acq: 18 Apr 2023 17:15

Tgt Ion: 75 Resp: 17706
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95

Naphthalene

Concen: 1.242 ug/l

RT: 15.345 min Scan# 21

Delta R.T. 0.011 min

Lab File: VD075731.D

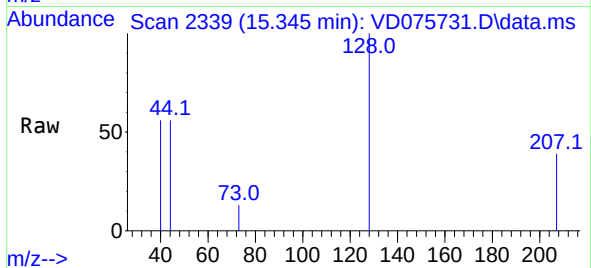
Acq: 18 Apr 2023 17:15

Instrument :

MSVOA_D

ClientSampleId :

ROLL-OFF-8PT-COMP



Tgt Ion:128 Resp: 1582

Ion Ratio Lower Upper

128 100

127 6.8 10.4 15.6#

129 8.0 8.8 13.2#

