

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075722.D
 Acq On : 18 Apr 2023 12:55
 Operator : KP/SY
 Sample : 02388-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-1

Quant Time: Apr 19 01:23:05 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)

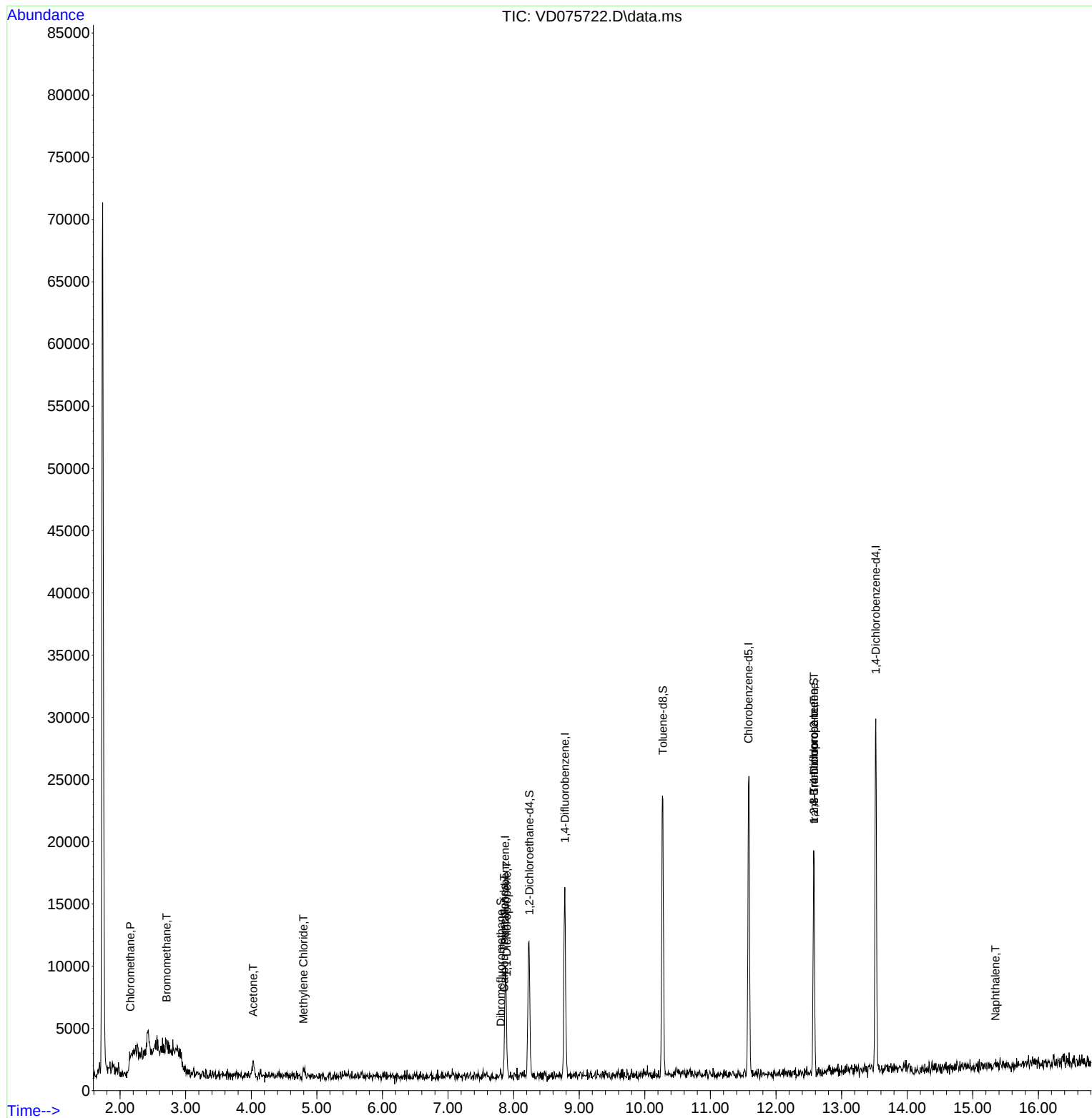
Internal Standards						
1) Pentafluorobenzene	7.869	168	7420	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	15260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	8358	118.671	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	237.340%	#
35) Dibromofluoromethane	7.805	113	222	2.163	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	4.320%	#
50) Toluene-d8	10.275	98	18513	45.041	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	90.080%	
62) 4-Bromofluorobenzene	12.575	95	6099	55.826	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	111.660%	
Target Compounds						
						Qvalue
3) Chloromethane	2.158	50	235	1.888	ug/l	# 40
5) Bromomethane	2.711	94	574	4.450	ug/l	92
16) Acetone	4.028	43	1742	135.010	ug/l	# 80
20) Methylene Chloride	4.793	84	631	1.883	ug/l	# 42
36) 1,1-Dichloropropene	7.893	75	155	1.095	ug/l	# 42
38) Carbon Tetrachloride	7.858	117	511	4.098	ug/l	# 13
76) 1,2,3-Trichloropropane	12.581	75	3159	43.046	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.581	75	3159	93.299	ug/l	# 5
95) Naphthalene	15.345	128	505	1.689	ug/l	# 69

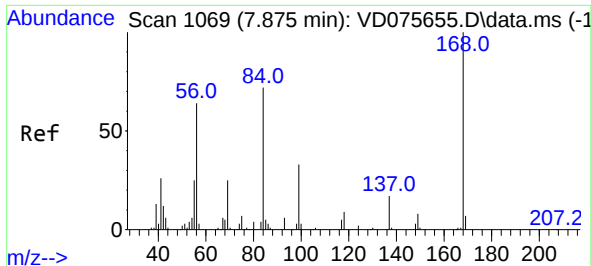
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

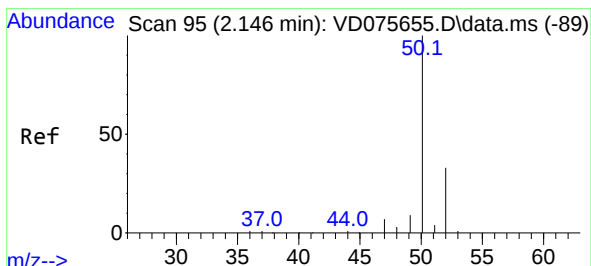
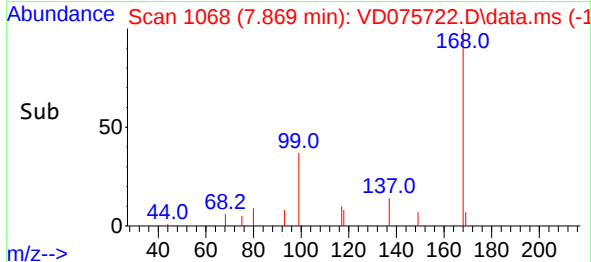
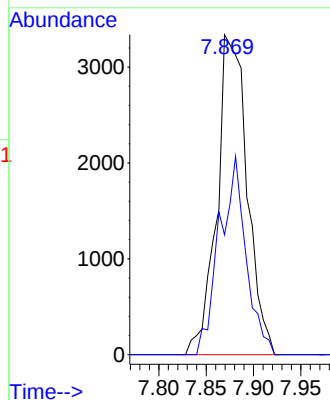
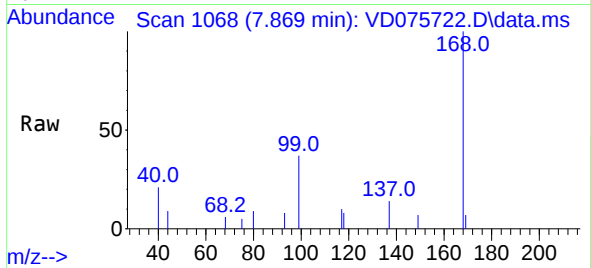




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

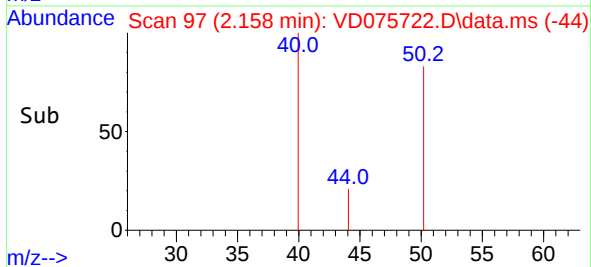
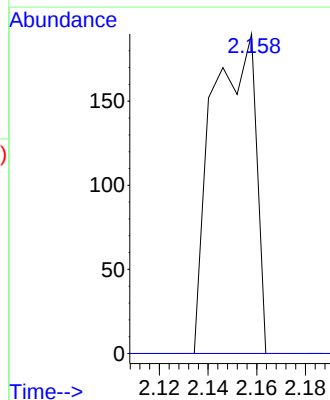
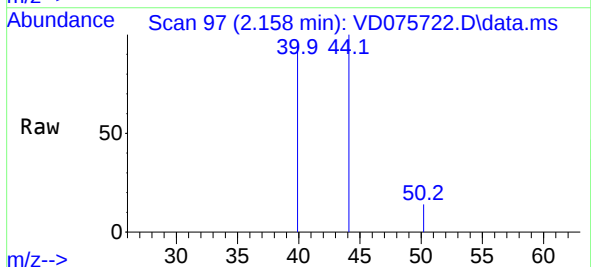
Instrument :
MSVOA_D
ClientSampleId :
CC-1

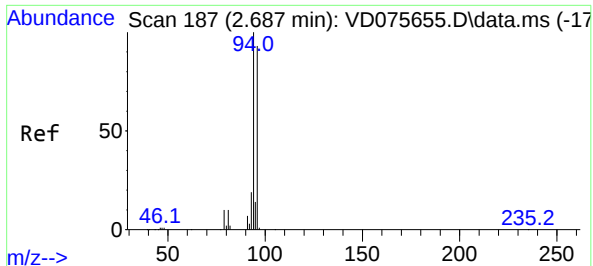
Tgt Ion:168 Resp: 7420
Ion Ratio Lower Upper
168 100
99 37.5 43.8 65.6#



#3
Chloromethane
Concen: 1.888 ug/l
RT: 2.158 min Scan# 97
Delta R.T. 0.012 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion: 50 Resp: 235
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

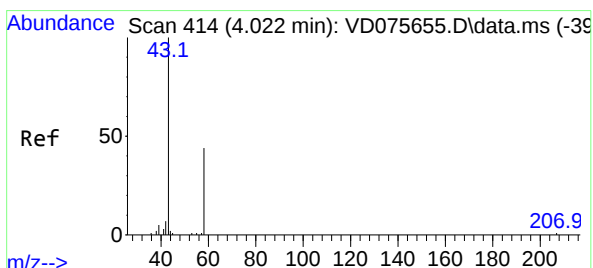
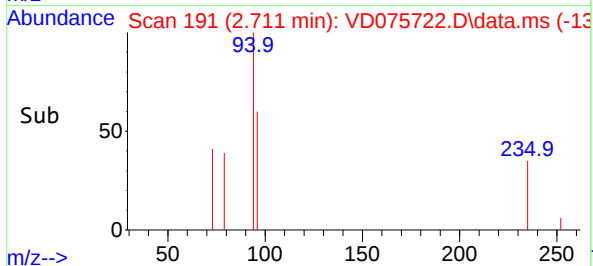
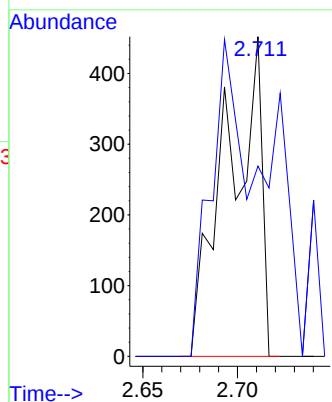
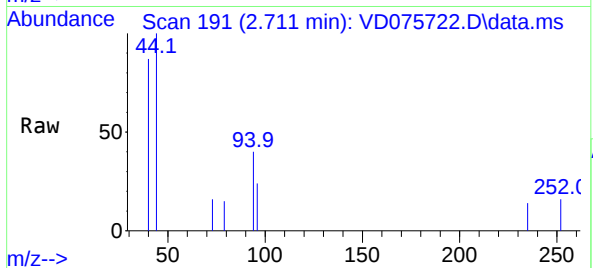




#5
Bromomethane
Concen: 4.450 ug/l
RT: 2.711 min Scan# 191
Delta R.T. 0.024 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

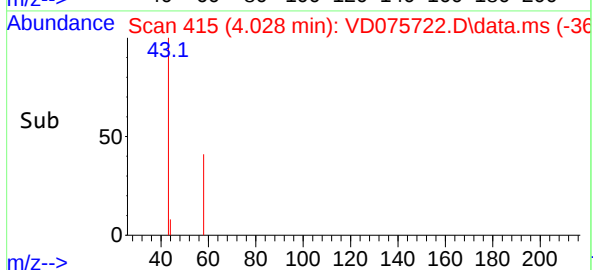
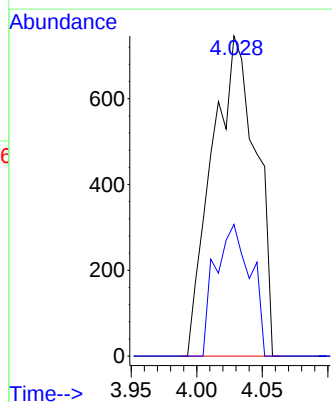
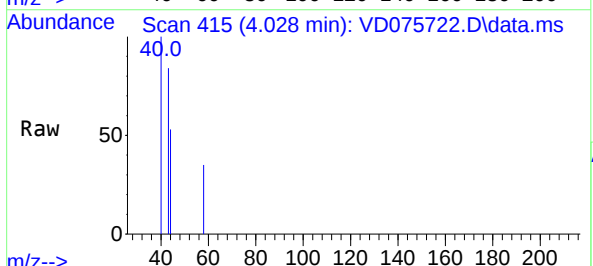
Instrument :
MSVOA_D
ClientSampleId :
CC-1

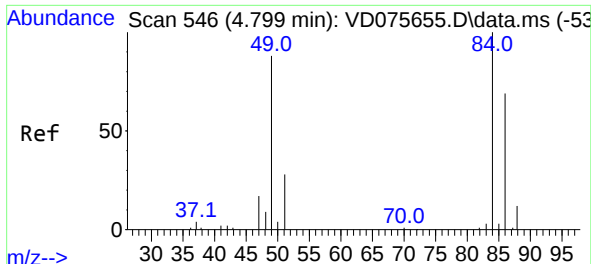
Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 88.9 77.5 116.3



#16
Acetone
Concen: 135.010 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion: 43 Resp: 1742
Ion Ratio Lower Upper
43 100
58 41.2 24.4 36.6#



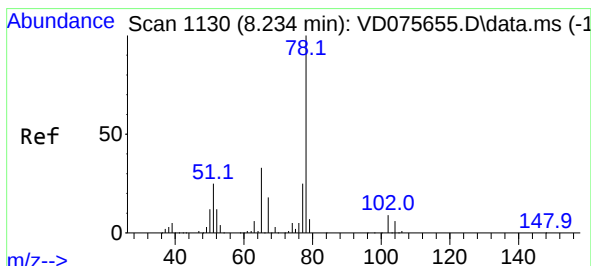
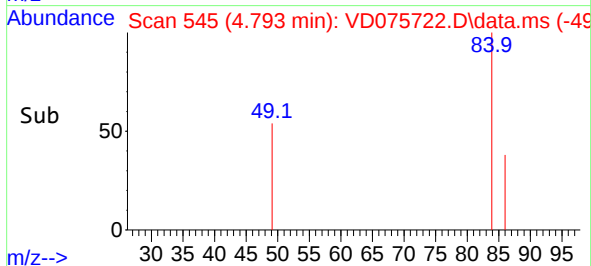
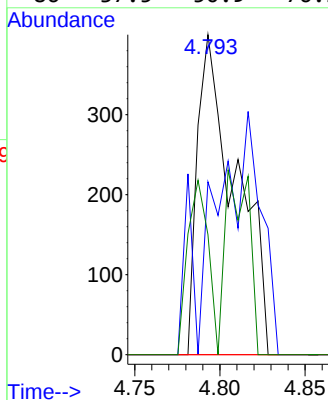
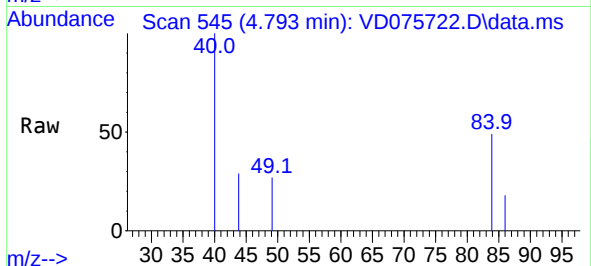


#20
Methylene Chloride
Concen: 1.883 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Instrument :
MSVOA_D
ClientSampleId :
CC-1

Tgt Ion: 84 Resp: 631

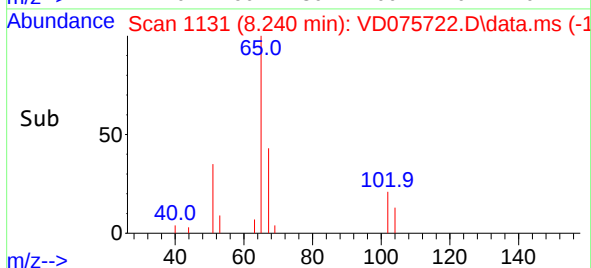
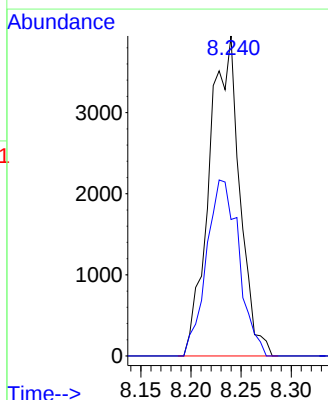
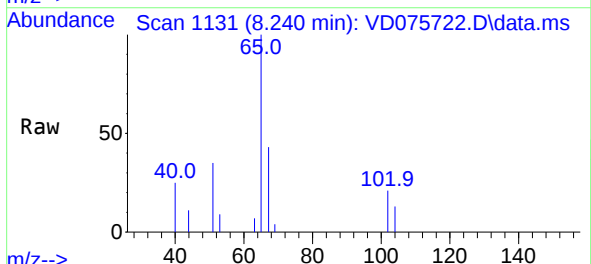
Ion	Ratio	Lower	Upper
84	100		
49	54.0	106.4	159.6#
51	0.0	32.4	48.6#
86	37.5	50.9	76.3#

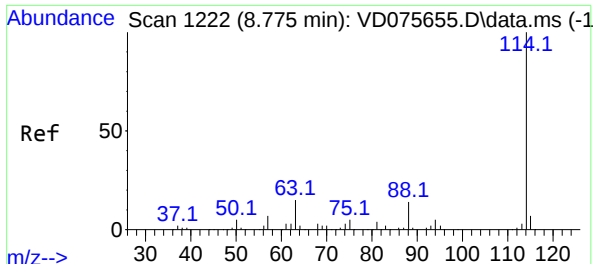


#33
1,2-Dichloroethane-d4
Concen: 118.671 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion: 65 Resp: 8358

Ion	Ratio	Lower	Upper
65	100		
67	58.6	0.0	102.2

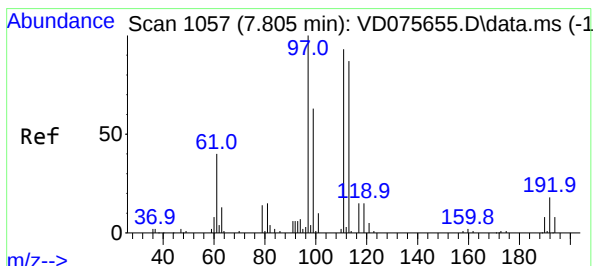
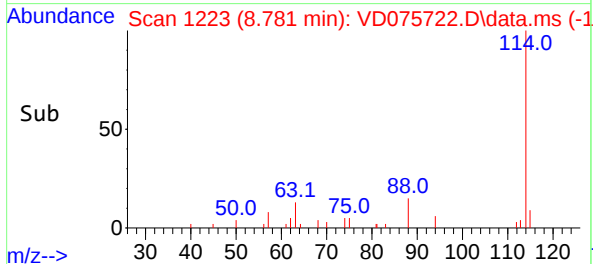
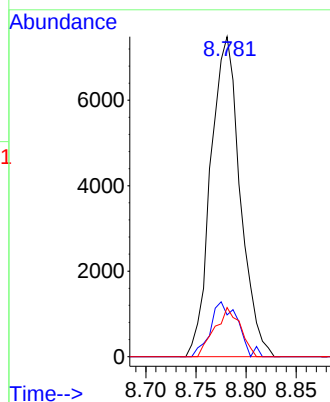
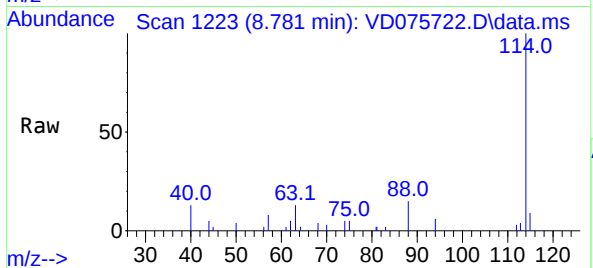




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

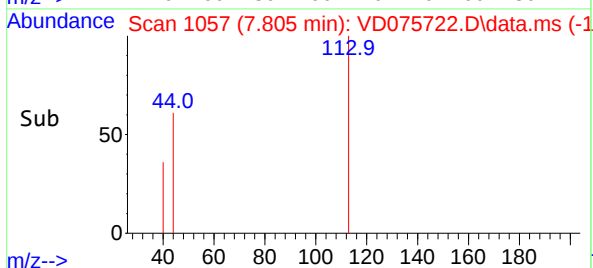
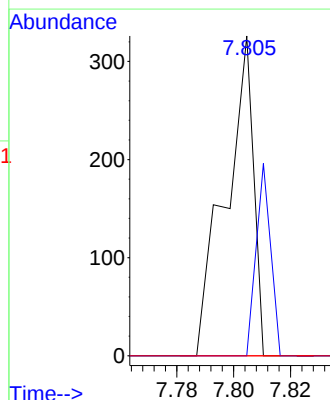
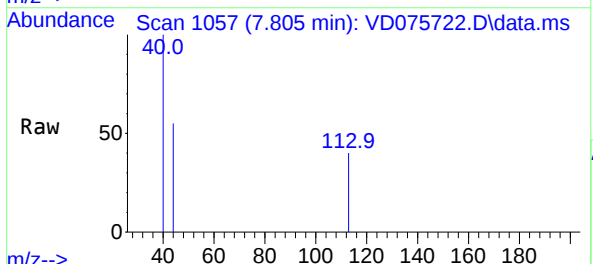
Instrument :
MSVOA_D
ClientSampleId :
CC-1

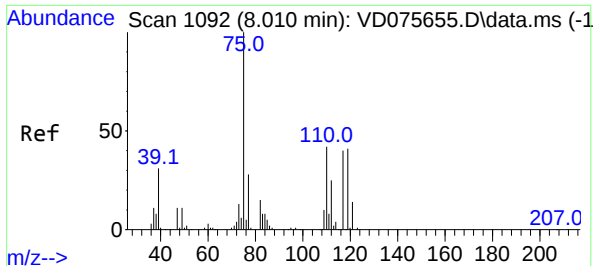
Tgt Ion:	114	Resp:	15260
Ion Ratio	Lower	Upper	
114	100		
63	13.0	0.0	41.6
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 2.163 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion:	113	Resp:	222
Ion Ratio	Lower	Upper	
113	100		
111	31.1	81.4	122.0#
192	0.0	15.2	22.8#





#36

1,1-Dichloropropene

Concen: 1.095 ug/l

RT: 7.893 min Scan# 1066

Delta R.T. -0.117 min

Lab File: VD075722.D

Acq: 18 Apr 2023 12:55

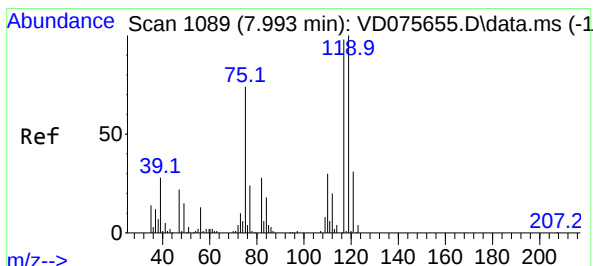
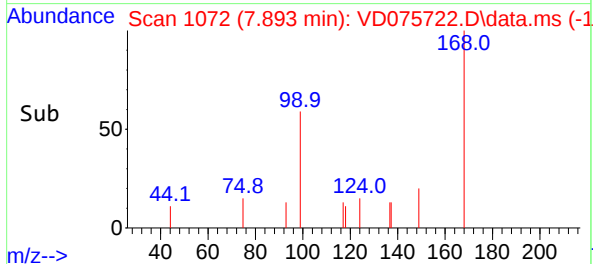
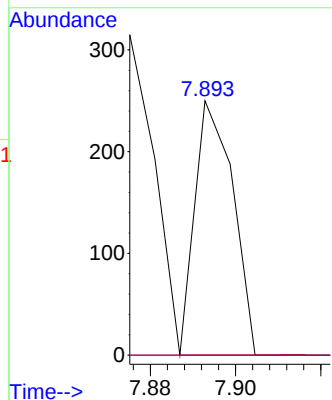
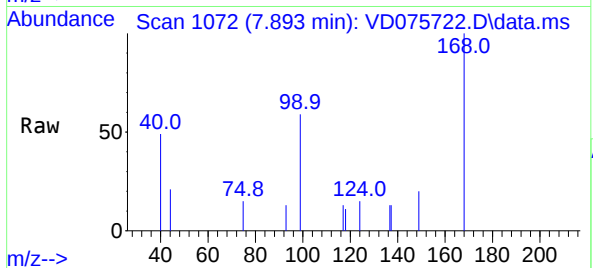
Instrument :

MSVOA_D

ClientSampleId :

CC-1

Tgt Ion:	75	Resp:	155
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 4.098 ug/l

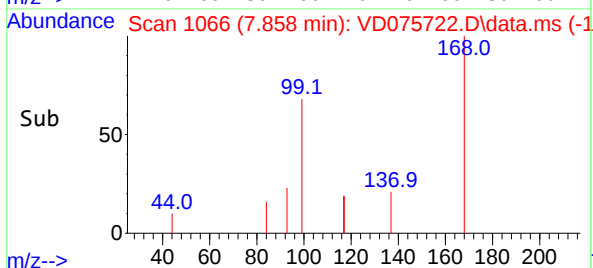
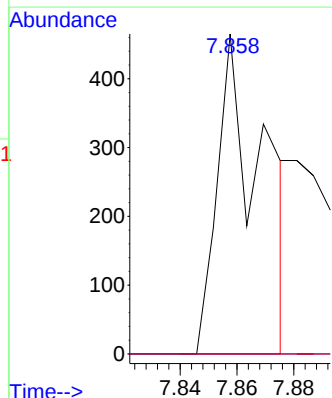
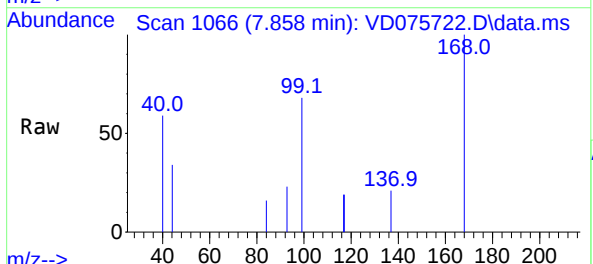
RT: 7.858 min Scan# 1066

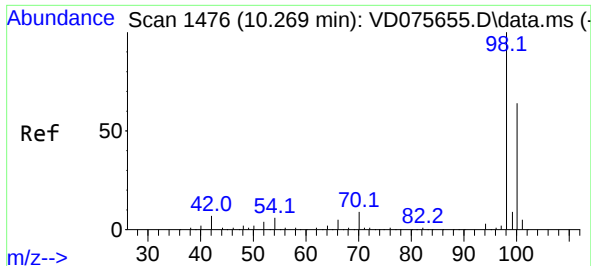
Delta R.T. -0.135 min

Lab File: VD075722.D

Acq: 18 Apr 2023 12:55

Tgt Ion:	117	Resp:	511
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.7	112.1#
121	0.0	25.9	38.9#

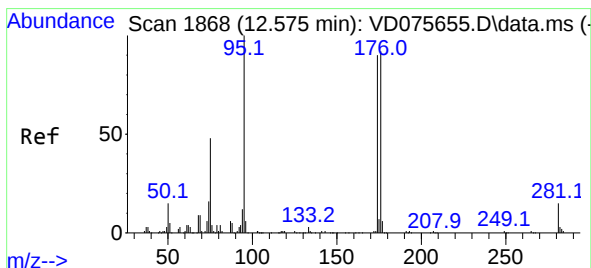
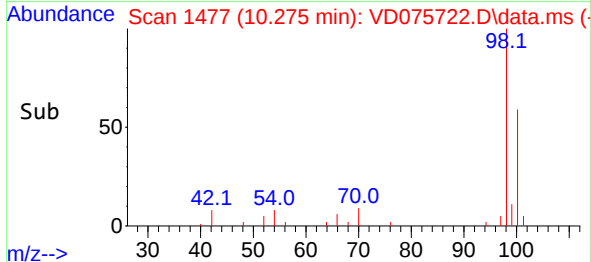
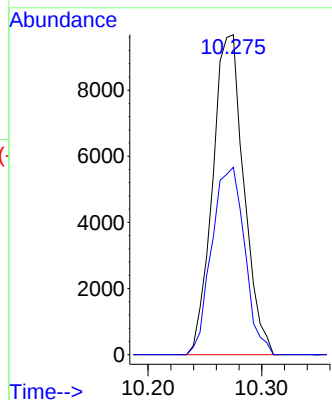
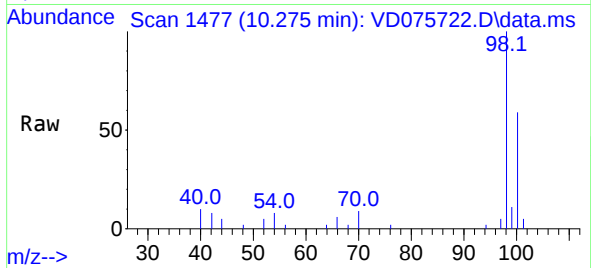




#50
Toluene-d8
Concen: 45.041 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

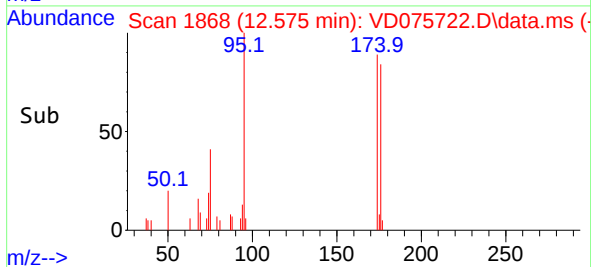
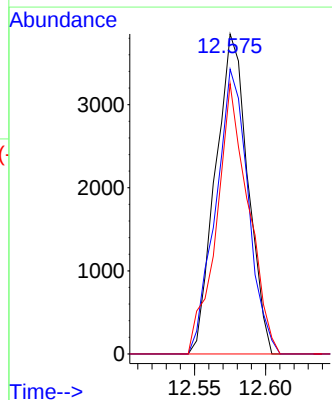
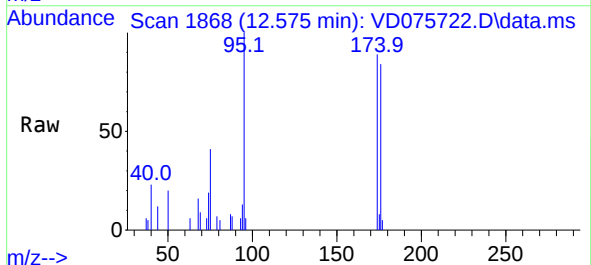
Instrument :
MSVOA_D
ClientSampleId :
CC-1

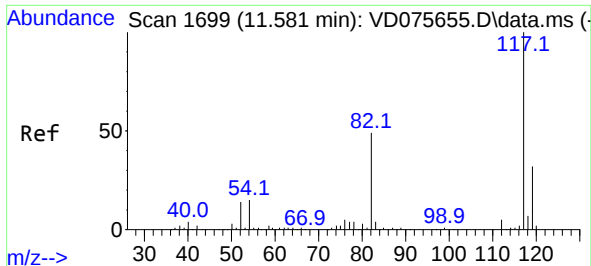
Tgt Ion: 98 Resp: 18513
Ion Ratio Lower Upper
98 100
100 61.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.826 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion: 95 Resp: 6099
Ion Ratio Lower Upper
95 100
174 89.4 0.0 164.0
176 83.3 0.0 156.8

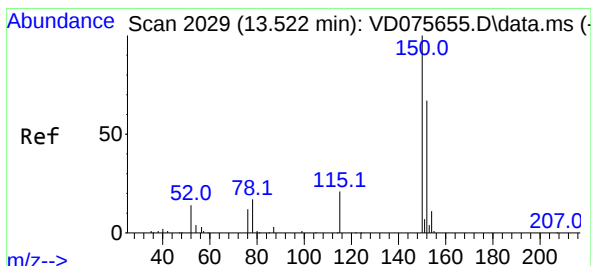
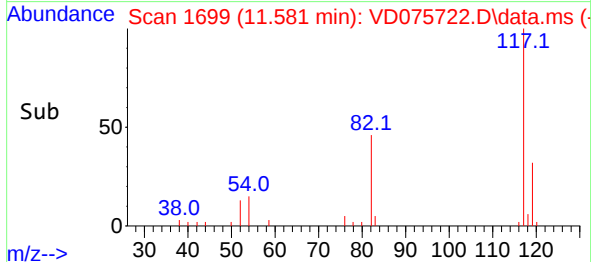
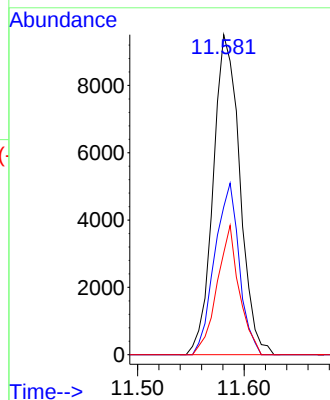
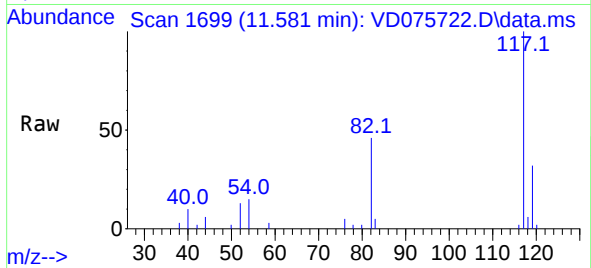




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

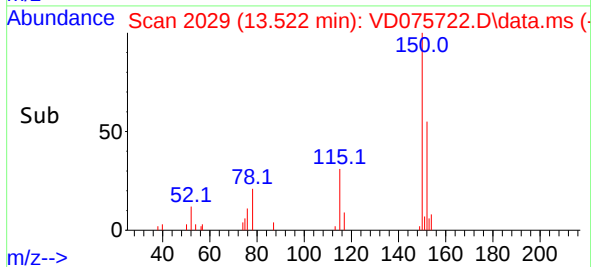
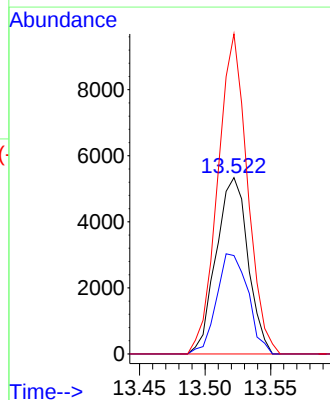
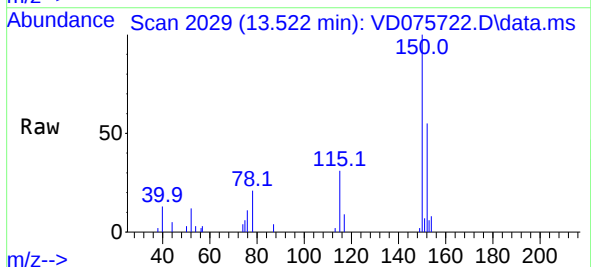
Instrument :
MSVOA_D
ClientSampleId :
CC-1

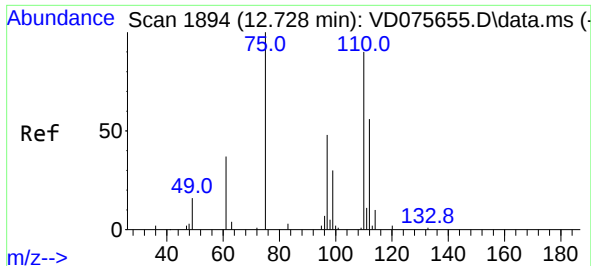
Tgt Ion:117 Resp: 16536
Ion Ratio Lower Upper
117 100
82 46.2 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion:152 Resp: 8999
Ion Ratio Lower Upper
152 100
115 56.3 30.1 90.3
150 169.4 0.0 364.8

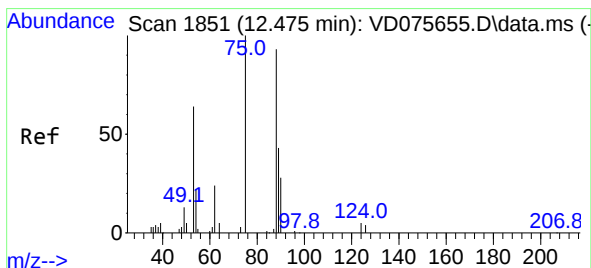
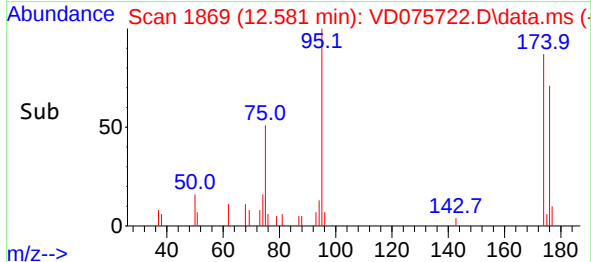
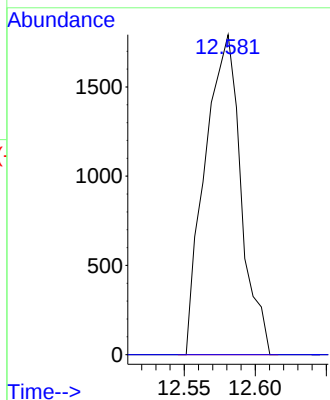
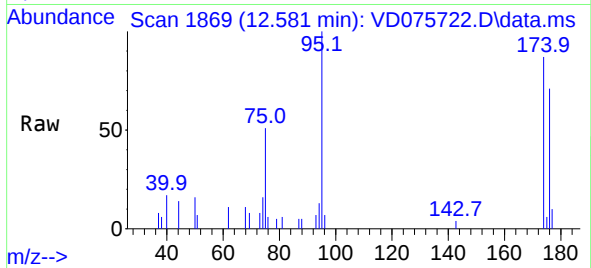




#76
1,2,3-Trichloropropane
Concen: 43.046 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

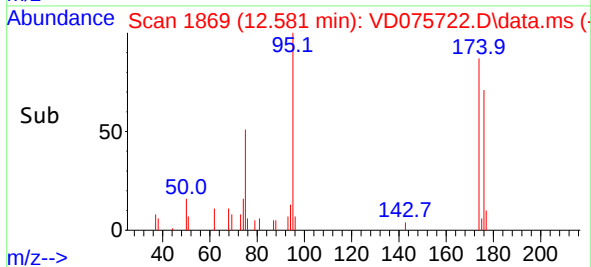
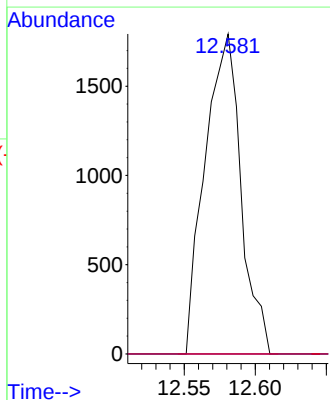
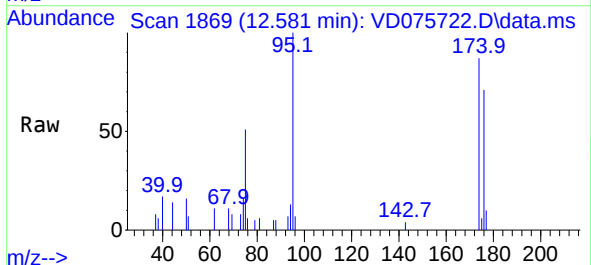
Instrument :
MSVOA_D
ClientSampleId :
CC-1

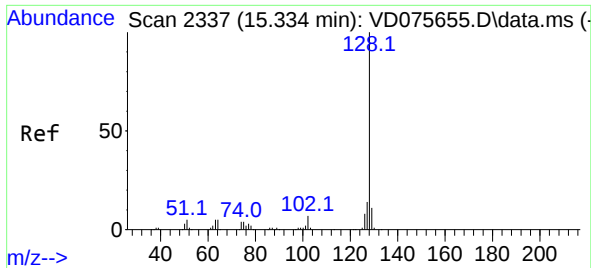
Tgt Ion: 75 Resp: 3159
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 93.299 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.106 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion: 75 Resp: 3159
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#





#95

Naphthalene

Concen: 1.689 ug/l

RT: 15.345 min Scan# 21

Delta R.T. 0.011 min

Lab File: VD075722.D

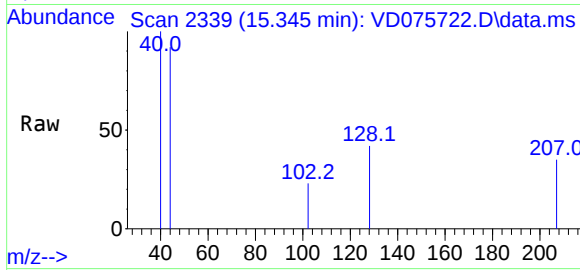
Acq: 18 Apr 2023 12:55

Instrument :

MSVOA_D

ClientSampleId :

CC-1



Tgt Ion:128 Resp: 505

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.8 13.2#

