

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053617.D
 Acq On : 10 Apr 2023 16:02
 Operator : JC/MD
 Sample : 02251-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD2

Quant Time: Apr 11 02:22:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

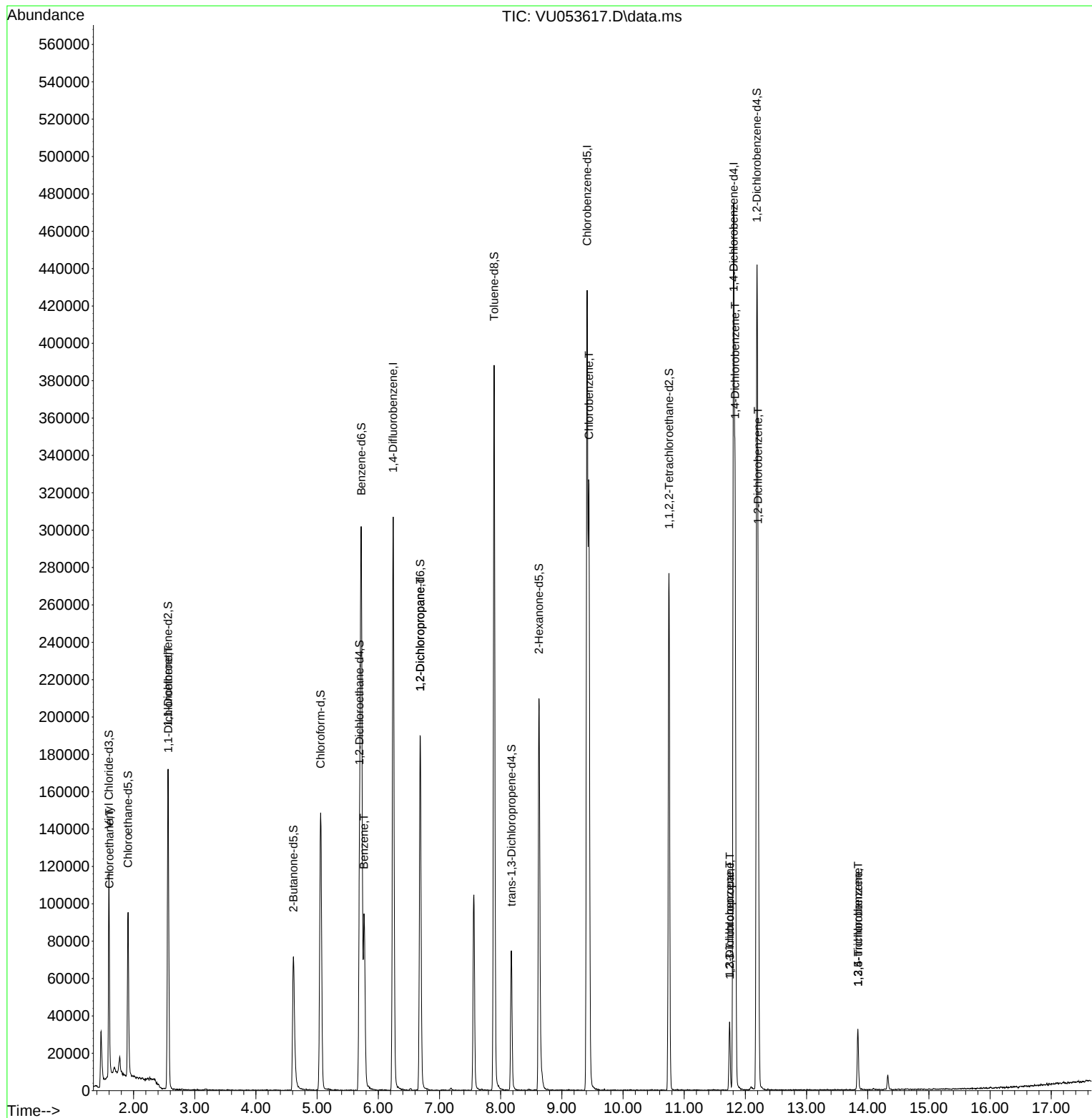
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	260520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	243306	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81957	40.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.800%		
7) Chloroethane-d5	1.909	69	69927	44.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.420%		
11) 1,1-Dichloroethene-d2	2.562	63	97185	30.949	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.900%		
21) 2-Butanone-d5	4.613	46	100458	109.378	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.380%		
24) Chloroform-d	5.057	84	143114	42.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.320%		
26) 1,2-Dichloroethane-d4	5.694	65	91277	46.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.080%		
32) Benzene-d6	5.723	84	290201	44.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.380%		
36) 1,2-Dichloropropane-d6	6.684	67	92539	46.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.200%		
41) Toluene-d8	7.893	98	266294	40.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.600%		
43) trans-1,3-Dichloroprop...	8.176	79	44111	42.570	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.140%		
47) 2-Hexanone-d5	8.626	63	77547	113.192	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.190%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	137079	48.450	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.900%		
66) 1,2-Dichlorobenzene-d4	12.189	152	106441	41.852	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.700%		
Target Compounds						Qvalue
8) Chloroethane	1.604	64	1242	1.026	ug/L	86
12) 1,1-Dichloroethene	2.568	96	1020	0.638	ug/L #	1
33) Benzene	5.768	78	90911	14.341	ug/L	100
37) 1,2-Dichloropropane	6.684	63	9945	6.178	ug/L #	86
51) Chlorobenzene	9.443	112	180712	36.510	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	4980	2.819	ug/L #	45
64) 1,3-Dichlorobenzene	11.742	146	14602	3.879	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	122362	31.896	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	85199	22.711	ug/L	98
69) 1,3,5-Trichlorobenzene	13.841	180	10754	3.858	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	10754	4.161	ug/L	99

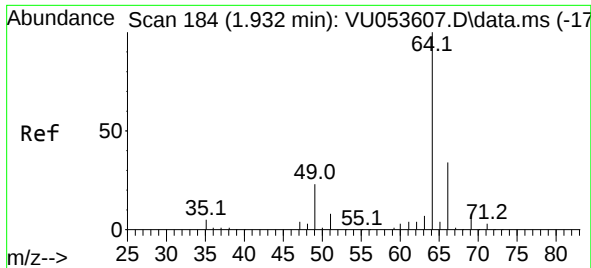
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053617.D
Acq On : 10 Apr 2023 16:02
Operator : JC/MD
Sample : 02251-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMD2

Quant Time: Apr 11 02:22:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 11 02:19:45 2023
Response via : Initial Calibration

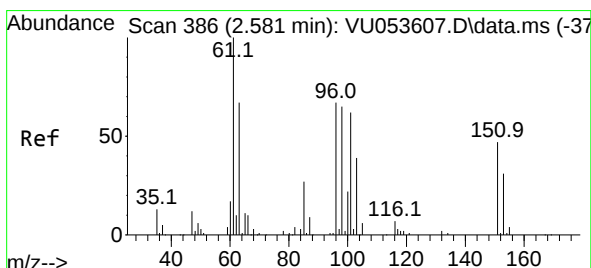
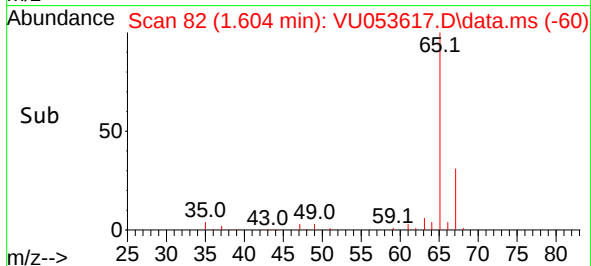
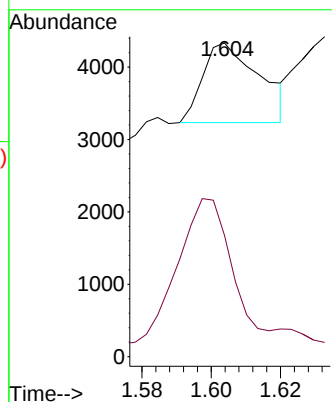
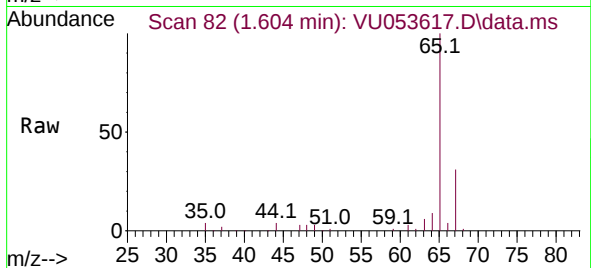




#8
Chloroethane
Concen: 1.026 ug/L
RT: 1.604 min Scan# 81
Delta R.T. -0.328 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

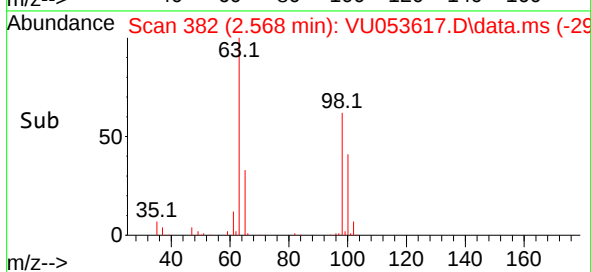
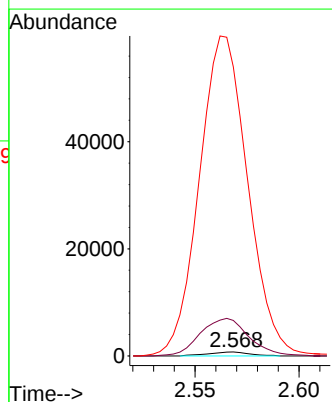
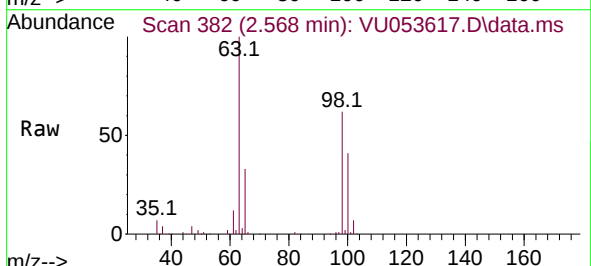
Instrument :
MSVOA_U
ClientSampleId :
COMD2

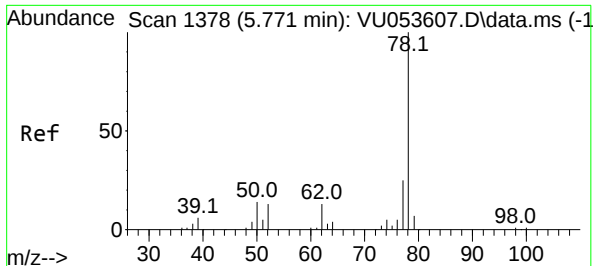
Tgt Ion: 64 Resp: 1242
Ion Ratio Lower Upper
64 100
66 38.7 21.8 40.6



#12
1,1-Dichloroethene
Concen: 0.638 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

Tgt Ion: 96 Resp: 1020
Ion Ratio Lower Upper
96 100
61 890.2 107.9 200.5#
63 7255.9 79.1 146.9#

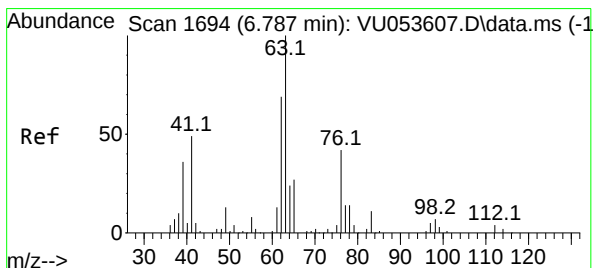
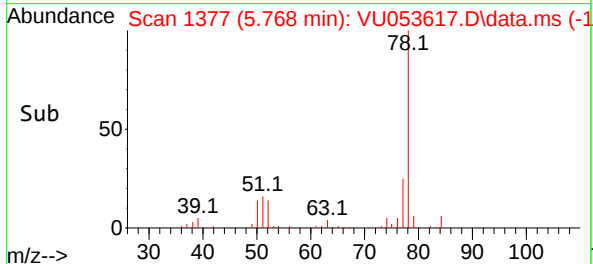
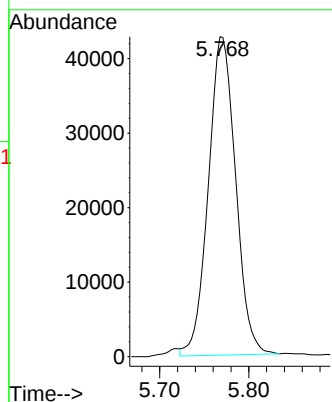
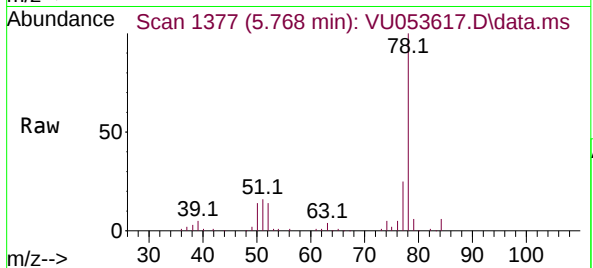




#33
Benzene
Concen: 14.341 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

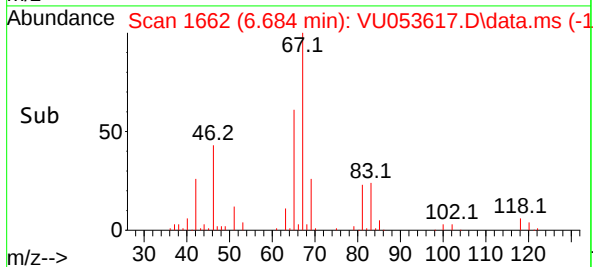
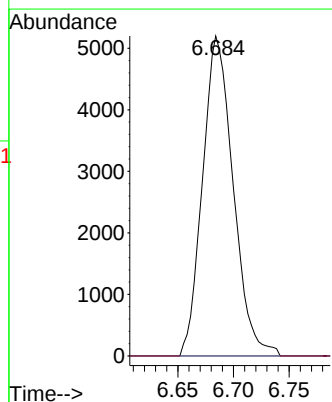
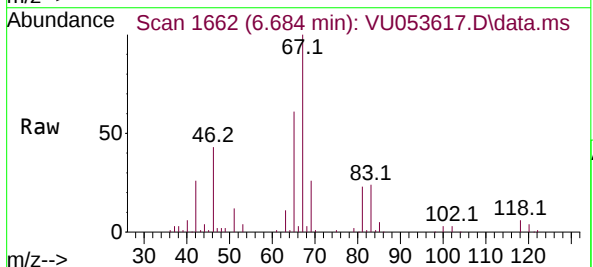
Instrument :
MSVOA_U
ClientSampleId :
COMD2

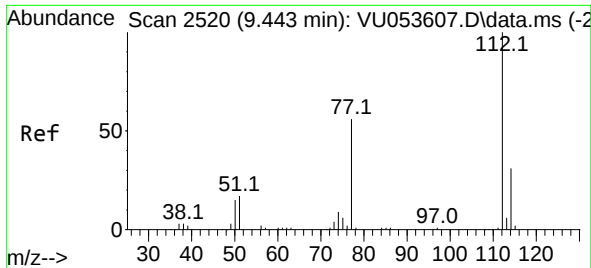
Tgt Ion: 78 Resp: 90911



#37
1,2-Dichloropropane
Concen: 6.178 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

Tgt Ion: 63 Resp: 9945
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

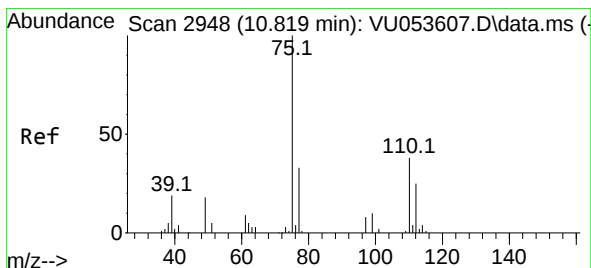
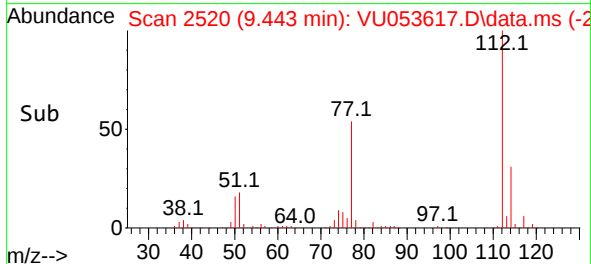
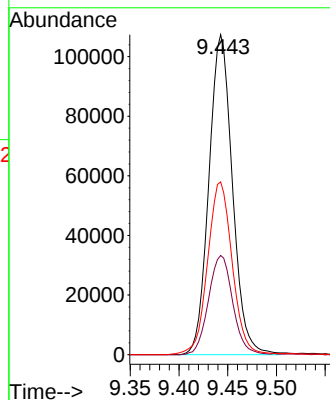
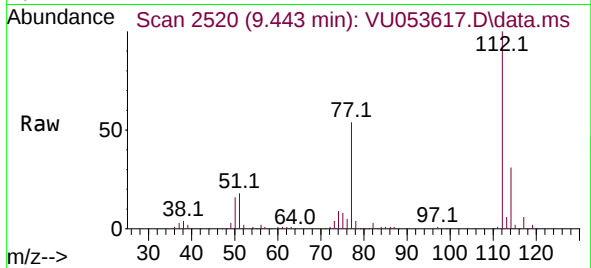




#51
Chlorobenzene
Concen: 36.510 ug/L
RT: 9.443 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

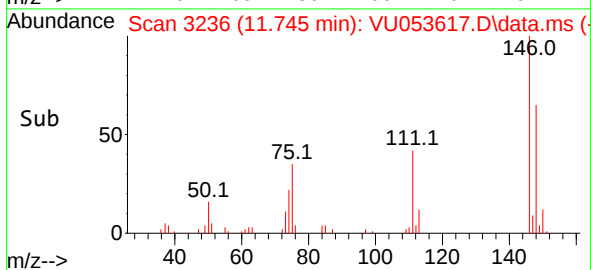
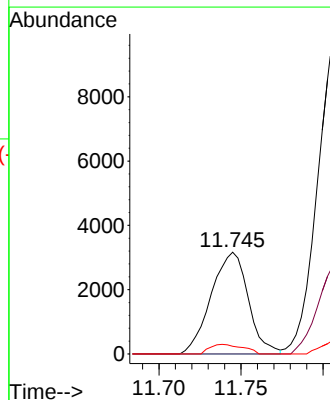
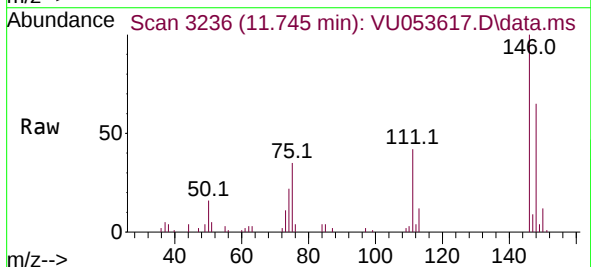
Instrument :
MSVOA_U
ClientSampleId :
COMD2

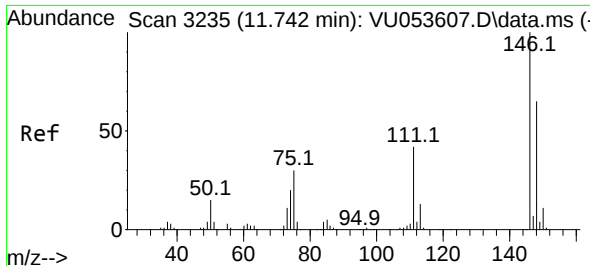
Tgt Ion:112 Resp: 180712
Ion Ratio Lower Upper
112 100
114 31.0 22.2 41.2
77 54.0 41.3 61.9



#60
1,2,3-Trichloropropane
Concen: 2.819 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.926 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

Tgt Ion: 75 Resp: 4980
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 8.4 32.6 48.8#

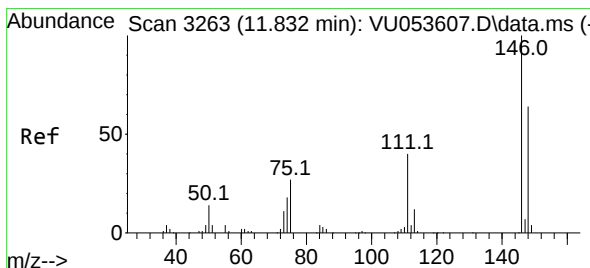
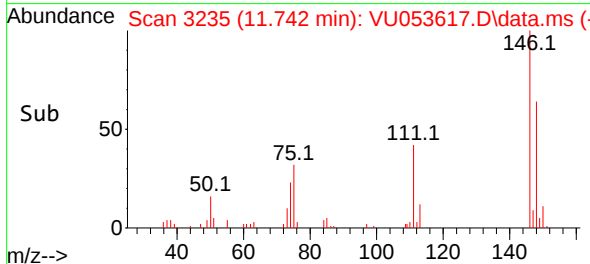
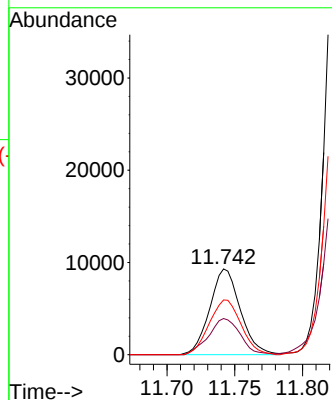
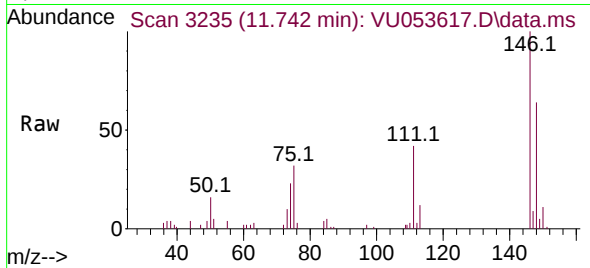




#64
1,3-Dichlorobenzene
Concen: 3.879 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

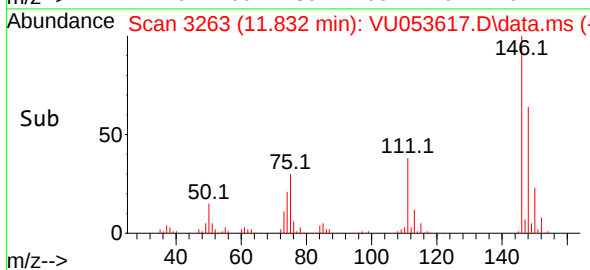
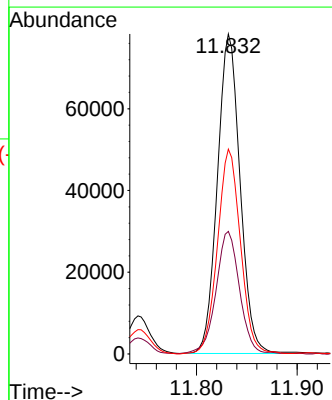
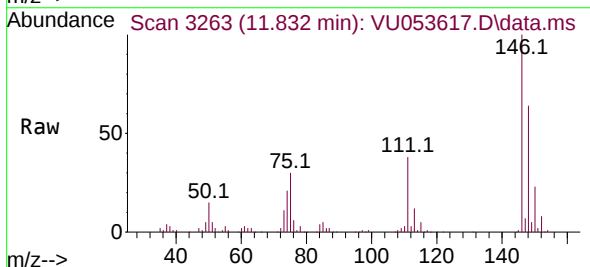
Instrument :
MSVOA_U
ClientSampleId :
COMD2

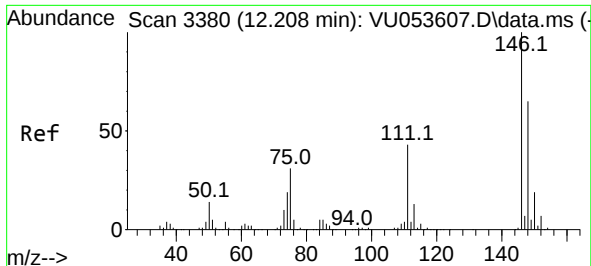
Tgt Ion:146 Resp: 14602
Ion Ratio Lower Upper
146 100
111 42.0 25.7 47.7
148 63.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 31.896 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053617.D
Acq: 10 Apr 2023 16:02

Tgt Ion:146 Resp: 122362
Ion Ratio Lower Upper
146 100
111 38.3 25.1 46.5
148 64.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 22.711 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053617.D

Acq: 10 Apr 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

COMD2

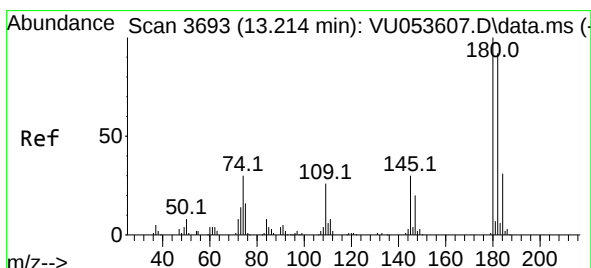
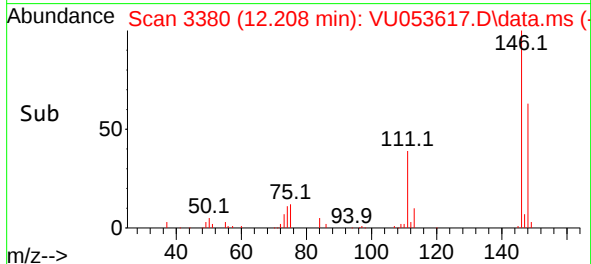
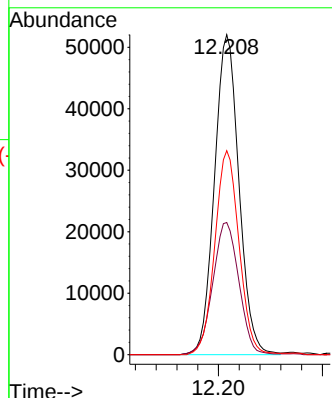
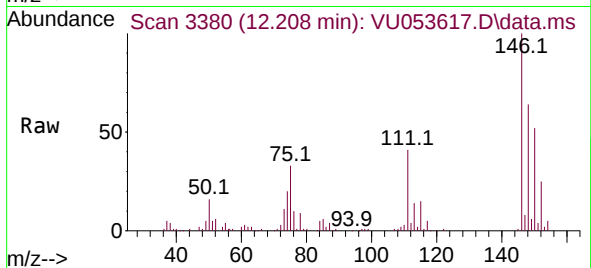
Tgt Ion:146 Resp: 85199

Ion Ratio Lower Upper

146 100

111 41.3 31.5 47.3

148 63.7 51.6 77.4



#69

1,3,5-Trichlorobenzene

Concen: 3.858 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.627 min

Lab File: VU053617.D

Acq: 10 Apr 2023 16:02

Tgt Ion:180 Resp: 10754

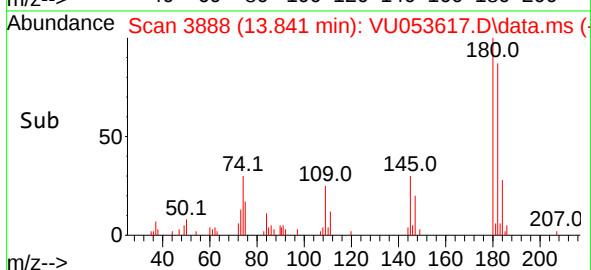
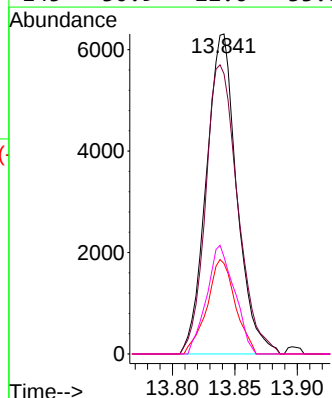
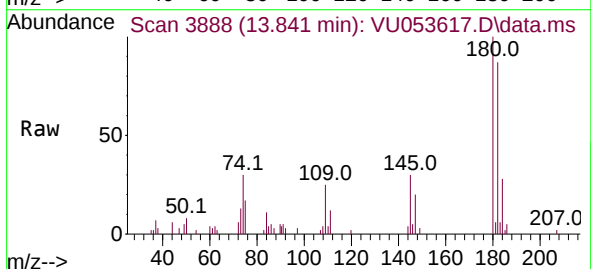
Ion Ratio Lower Upper

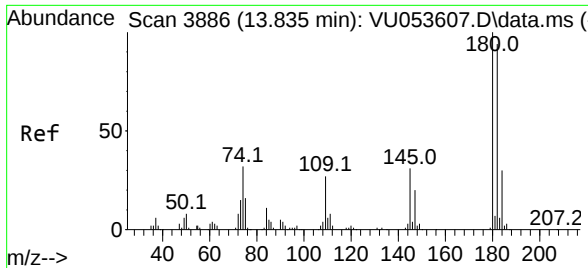
180 100

182 94.8 75.6 113.4

184 27.3 24.2 36.2

145 30.9 22.6 33.8





#70

1,2,4-trichlorobenzene

Concen: 4.161 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU053617.D

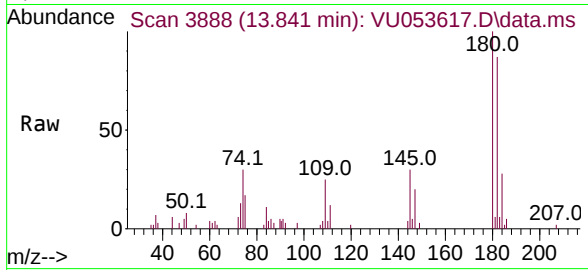
Acq: 10 Apr 2023 16:02

Instrument :

MSVOA_U

ClientSampleId :

C0MD2



Tgt Ion:180 Resp: 10754

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 30.9 23.4 35.2

