

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051657.D
 Acq On : 01 Nov 2022 16:25
 Operator : JC/MD
 Sample : N5319-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:04:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

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

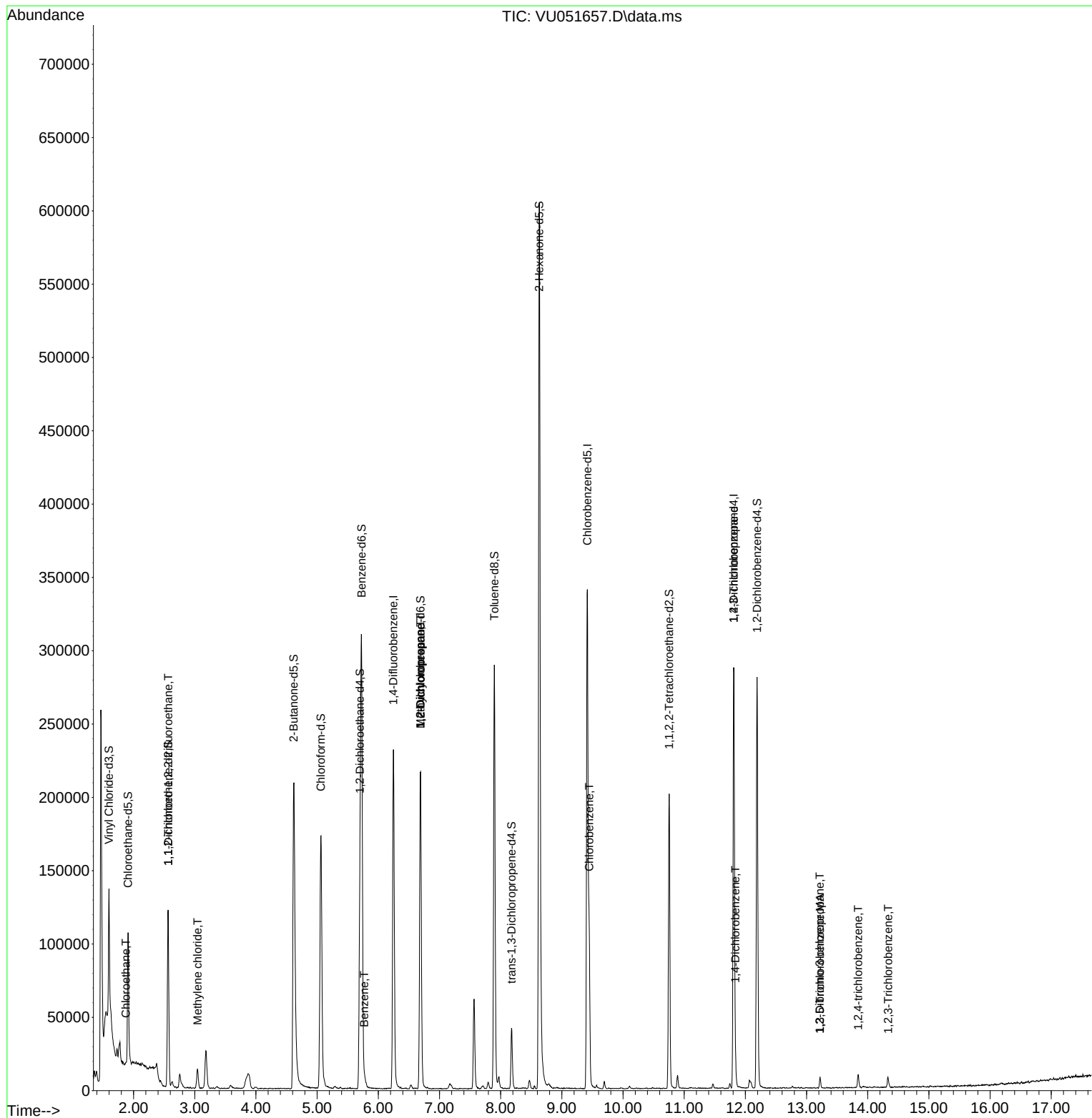
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	195201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59805	4.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.909	69	70606	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.565	65	23022	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.617	46	287992	54.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.180%
24) Chloroform-d	5.060	84	164511	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.700	65	93024	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.726	84	299085	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.690	67	111875	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	201815	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.179	79	23774	3.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.629	63	201086	50.437	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.880%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	102517	5.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	78640	5.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
8) Chloroethane	1.874	64	1380	0.088	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1291	0.078	ug/L #	45
16) Methylene chloride	3.044	84	6463	0.233	ug/L	95
33) Benzene	5.771	78	4840	0.062	ug/L	100
35) Methylcyclohexane	6.687	83	24511	0.948	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11156	0.560	ug/L #	88
51) Chlorobenzene	9.446	112	60357	1.205	ug/L	98
61) 1,2,3-Trichloropropane	11.809	75	11061	1.053	ug/L #	64
65) 1,4-Dichlorobenzene	11.835	146	6183	0.209	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.217	75	470	0.217	ug/L #	3
69) 1,3,5-Trichlorobenzene	13.221	180	2540	0.121	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	3554	0.220	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	3080	0.189	ug/L	92

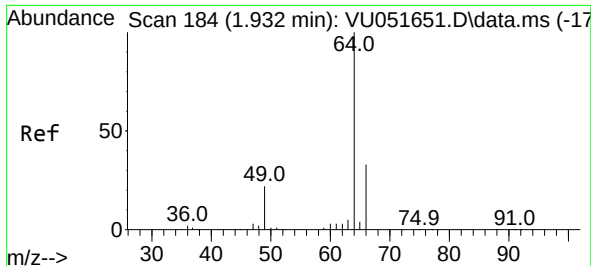
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.088 ug/L

RT: 1.874 min Scan# 1

Delta R.T. -0.058 min

Lab File: VU051657.D

Acq: 01 Nov 2022 16:25

Instrument :

MSVOA_U

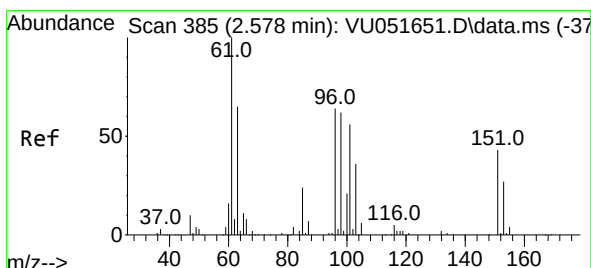
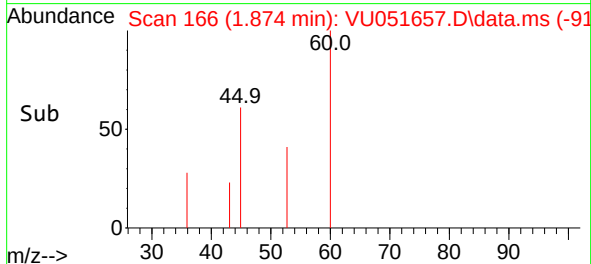
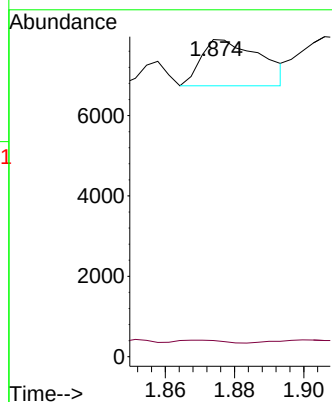
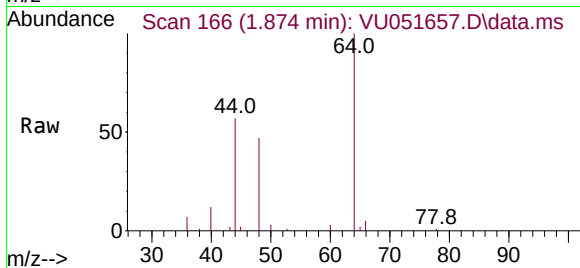
ClientSampleId :

Tgt Ion: 64 Resp: 1380

Ion Ratio Lower Upper

64 100

66 5.1 22.3 41.5#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051657.D

Acq: 01 Nov 2022 16:25

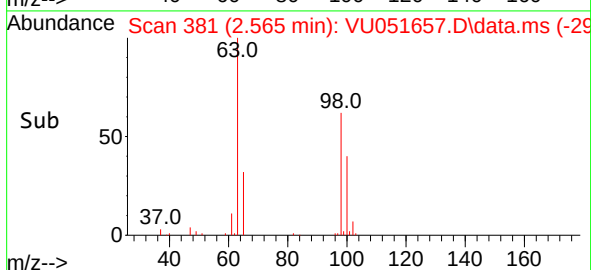
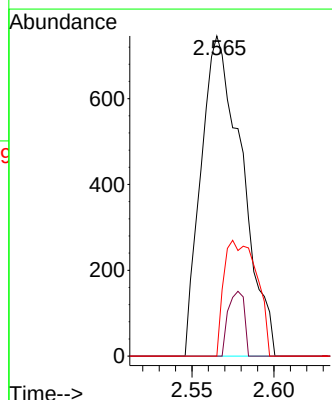
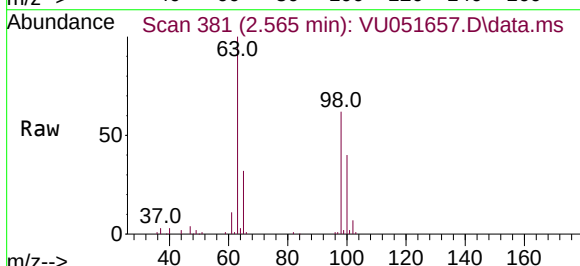
Tgt Ion:101 Resp: 1291

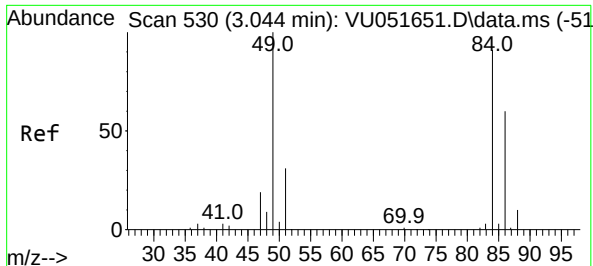
Ion Ratio Lower Upper

101 100

85 7.9 35.6 53.4#

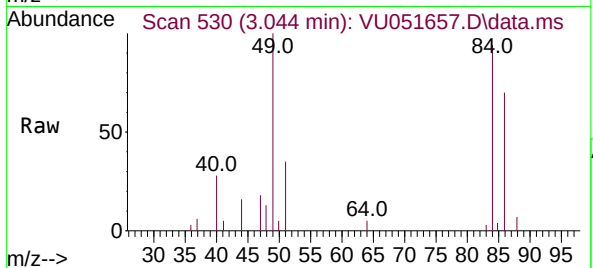
151 29.0 59.6 89.4#





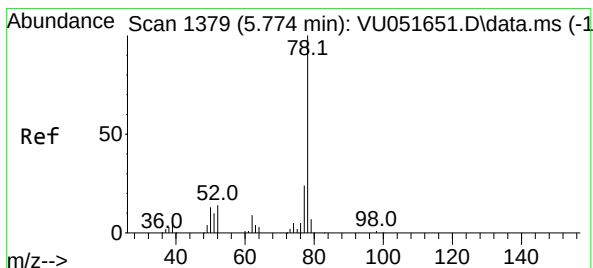
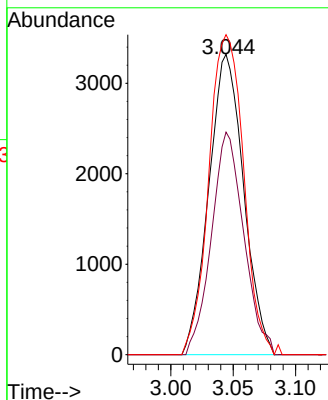
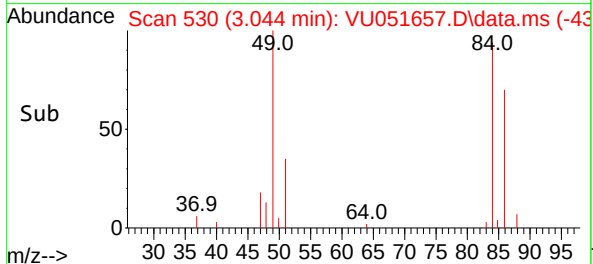
#16
Methylene chloride
Concen: 0.233 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

Instrument :
MSVOA_U
ClientSampleId :



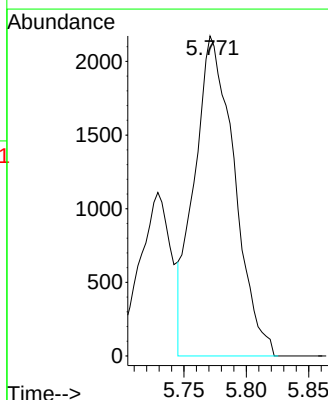
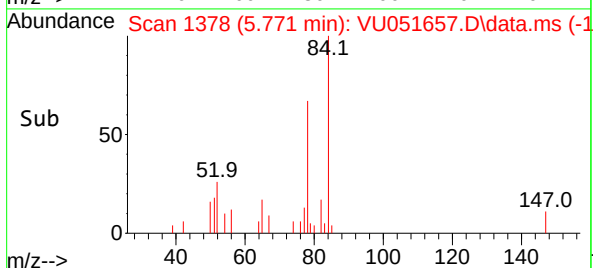
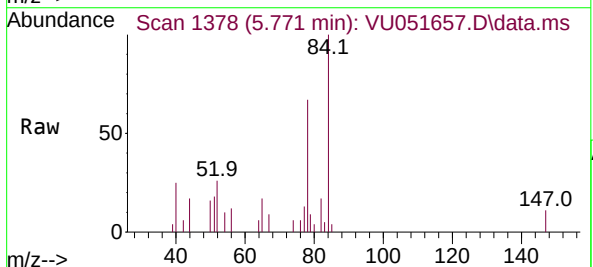
Tgt Ion: 84 Resp: 6463

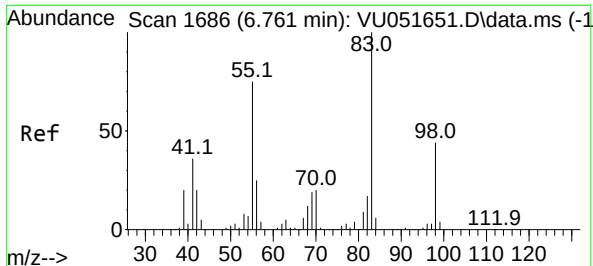
Ion	Ratio	Lower	Upper
84	100		
86	74.1	46.3	85.9
49	106.5	76.0	141.2



#33
Benzene
Concen: 0.062 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

Tgt Ion: 78 Resp: 4840





#35

Methylcyclohexane

Concen: 0.948 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051657.D

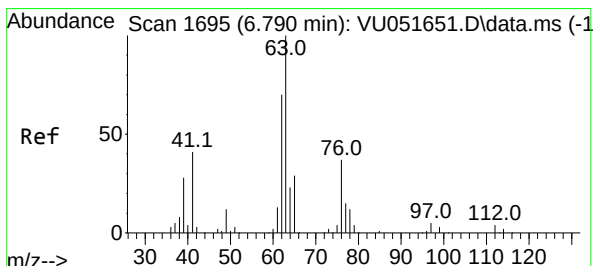
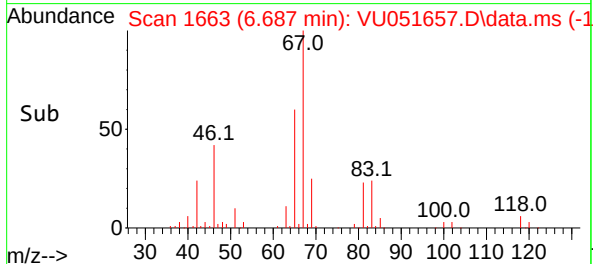
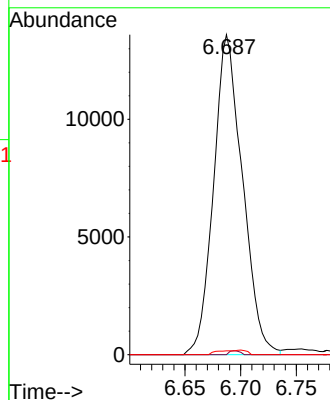
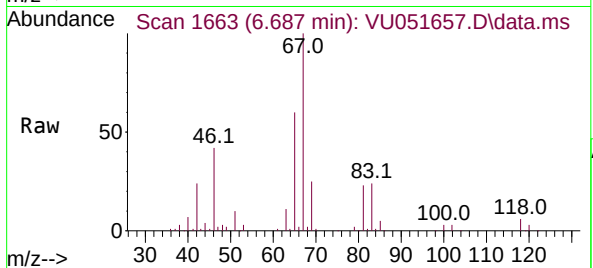
Acq: 01 Nov 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 24511
Ion Ratio	Lower Upper
83	100
55	0.4 60.6 90.8#
98	1.3 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

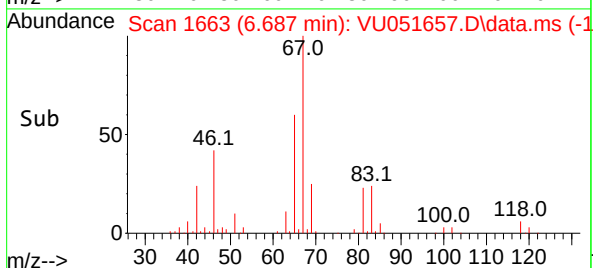
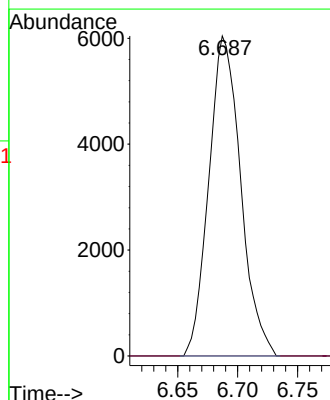
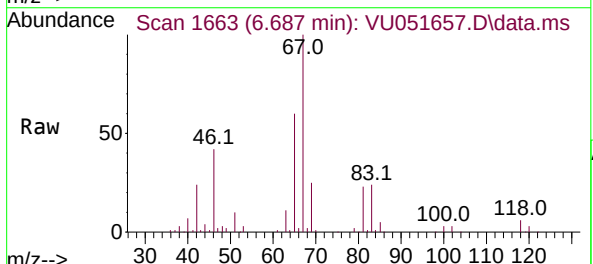
RT: 6.687 min Scan# 1663

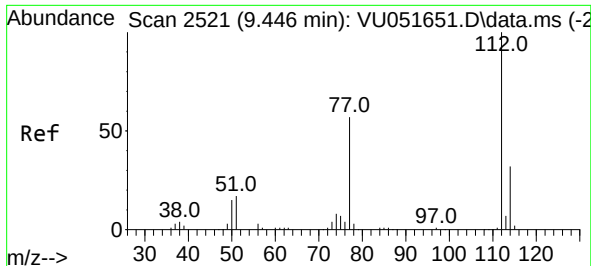
Delta R.T. -0.103 min

Lab File: VU051657.D

Acq: 01 Nov 2022 16:25

Tgt Ion: 63	Resp: 11156
Ion Ratio	Lower Upper
63	100
112	0.0 3.3 4.9#

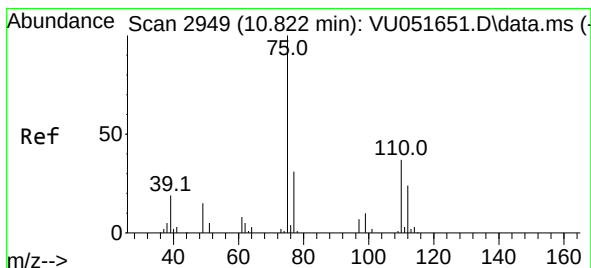
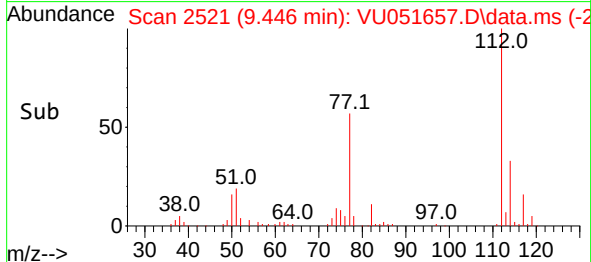
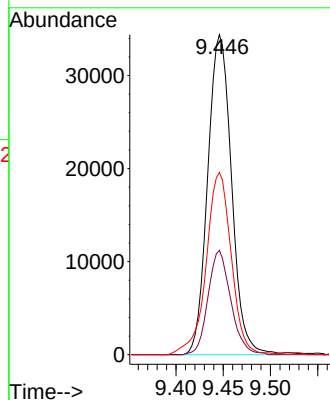
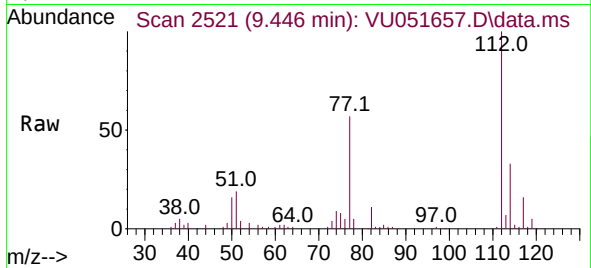




#51
Chlorobenzene
Concen: 1.205 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

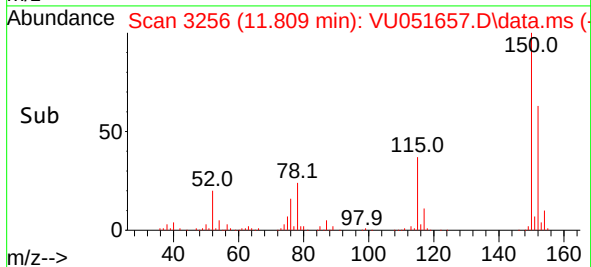
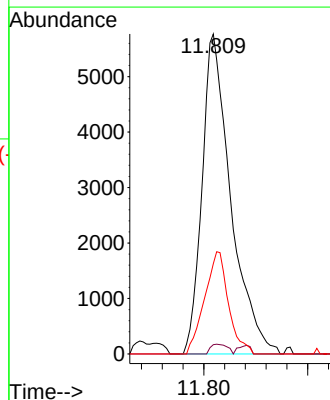
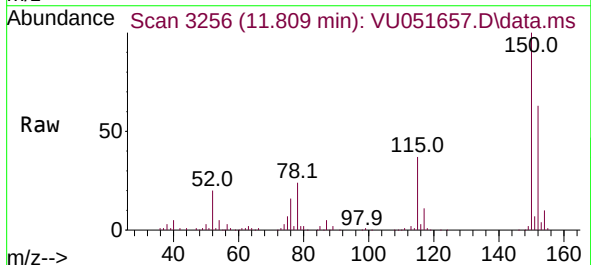
Instrument :
MSVOA_U
ClientSampleId :

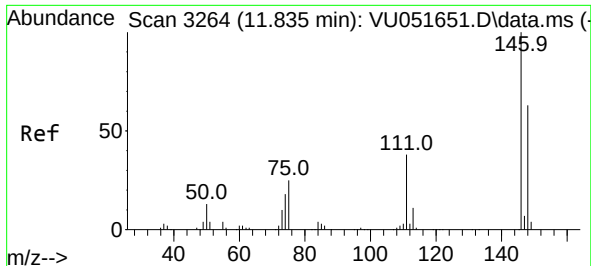
Tgt Ion:112 Resp: 60357
Ion Ratio Lower Upper
112 100
114 32.6 22.0 40.8
77 56.9 46.7 70.1



#61
1,2,3-Trichloropropane
Concen: 1.053 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

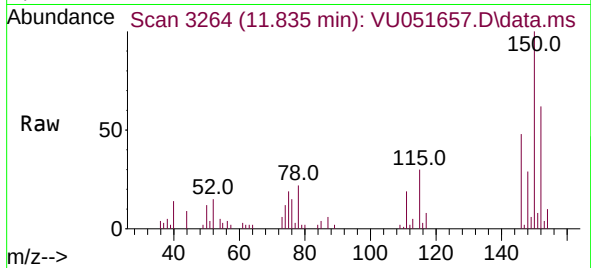
Tgt Ion: 75 Resp: 11061
Ion Ratio Lower Upper
75 100
110 1.8 28.7 43.1#
77 26.5 26.1 39.1



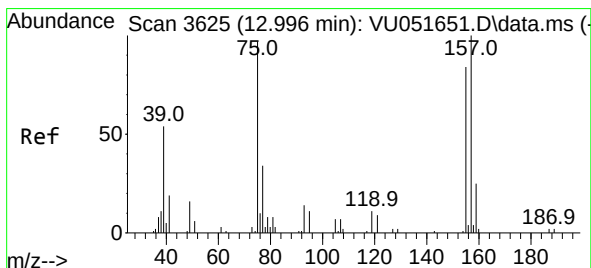
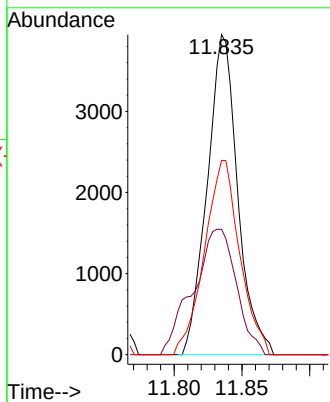
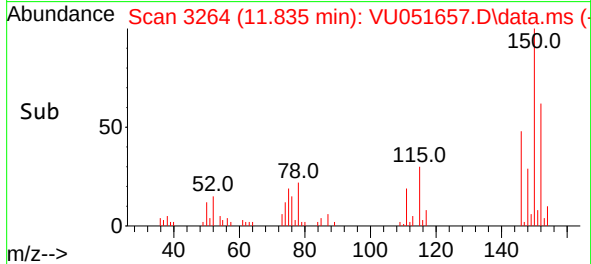


#65
1,4-Dichlorobenzene
Concen: 0.209 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

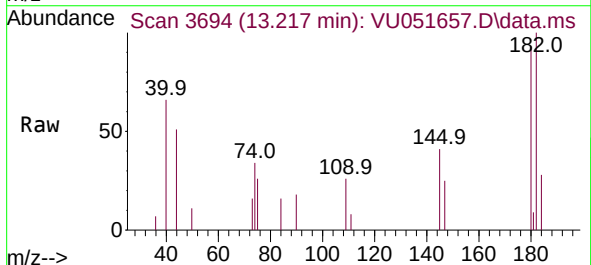
Instrument :
MSVOA_U
ClientSampleId :



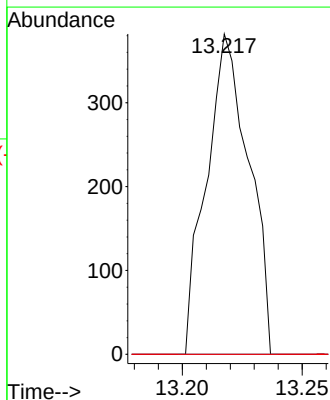
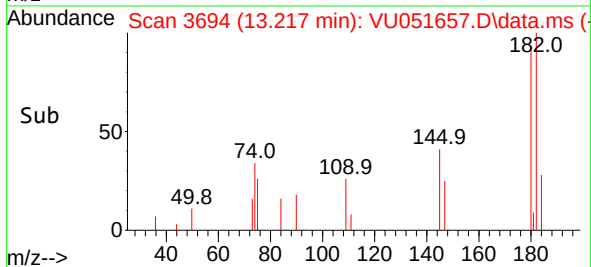
Tgt Ion:146 Resp: 6183
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.5
148 60.7 43.5 80.9

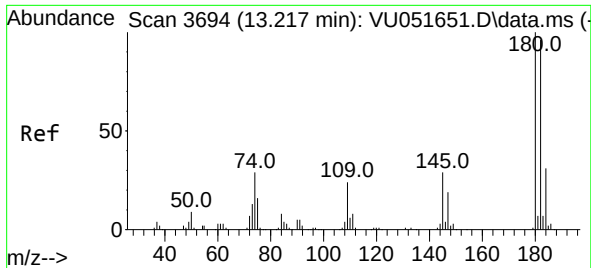


#68
1,2-Dibromo-3-chloropropane
Concen: 0.217 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.222 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25



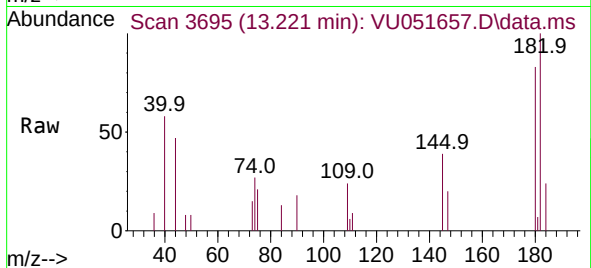
Tgt Ion: 75 Resp: 470
Ion Ratio Lower Upper
75 100
155 0.0 61.4 92.2#
157 0.0 86.7 130.1#



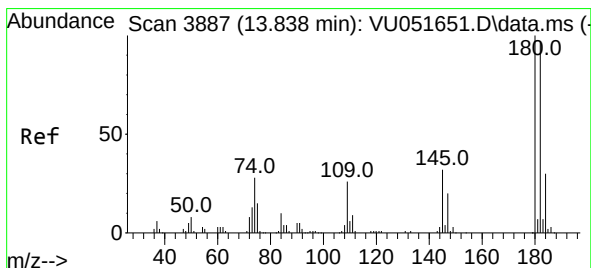
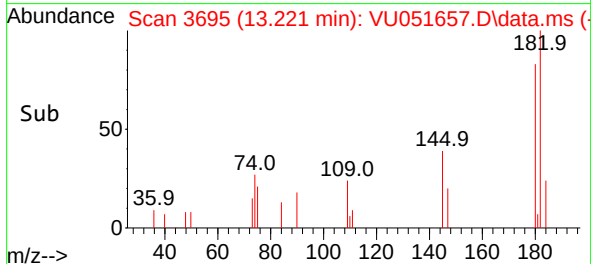
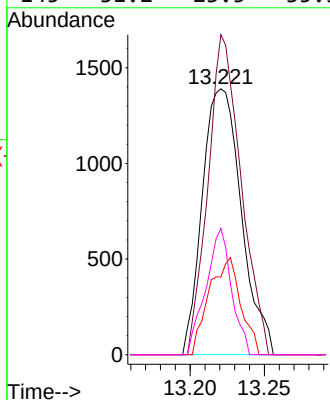


#69
1,3,5-Trichlorobenzene
Concen: 0.121 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

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MSVOA_U
ClientSampleId :

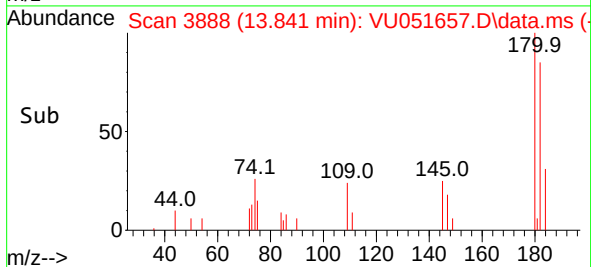
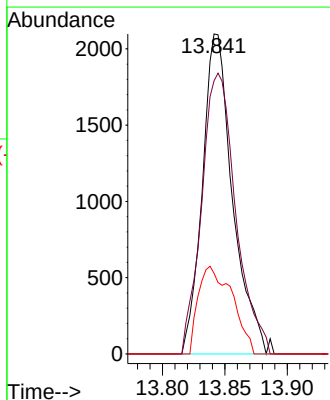
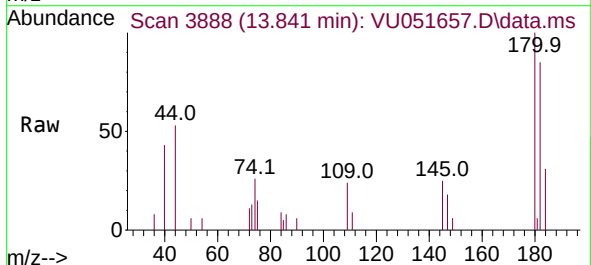


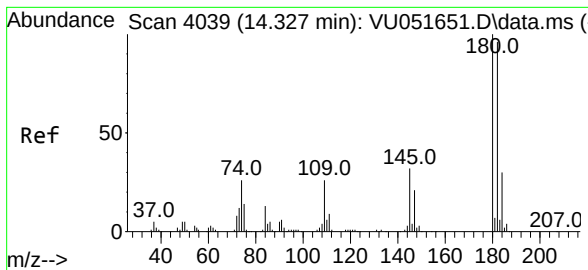
Tgt Ion:180 Resp: 2540
Ion Ratio Lower Upper
180 100
182 102.0 77.0 115.6
184 29.6 23.7 35.5
145 31.2 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 0.220 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051657.D
Acq: 01 Nov 2022 16:25

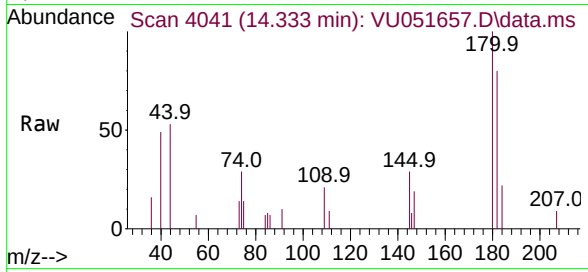
Tgt Ion:180 Resp: 3554
Ion Ratio Lower Upper
180 100
182 98.4 77.8 116.6
145 30.6 25.0 37.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.189 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.007 min
 Lab File: VU051657.D
 Acq: 01 Nov 2022 16:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	3080
Ion	Ratio	Lower	Upper
180	100		
182	88.0	76.1	114.1
145	26.7	25.6	38.4

