

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047577.D
 Acq On : 15 Mar 2022 15:08
 Operator : SY/MD
 Sample : N1858-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:46:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

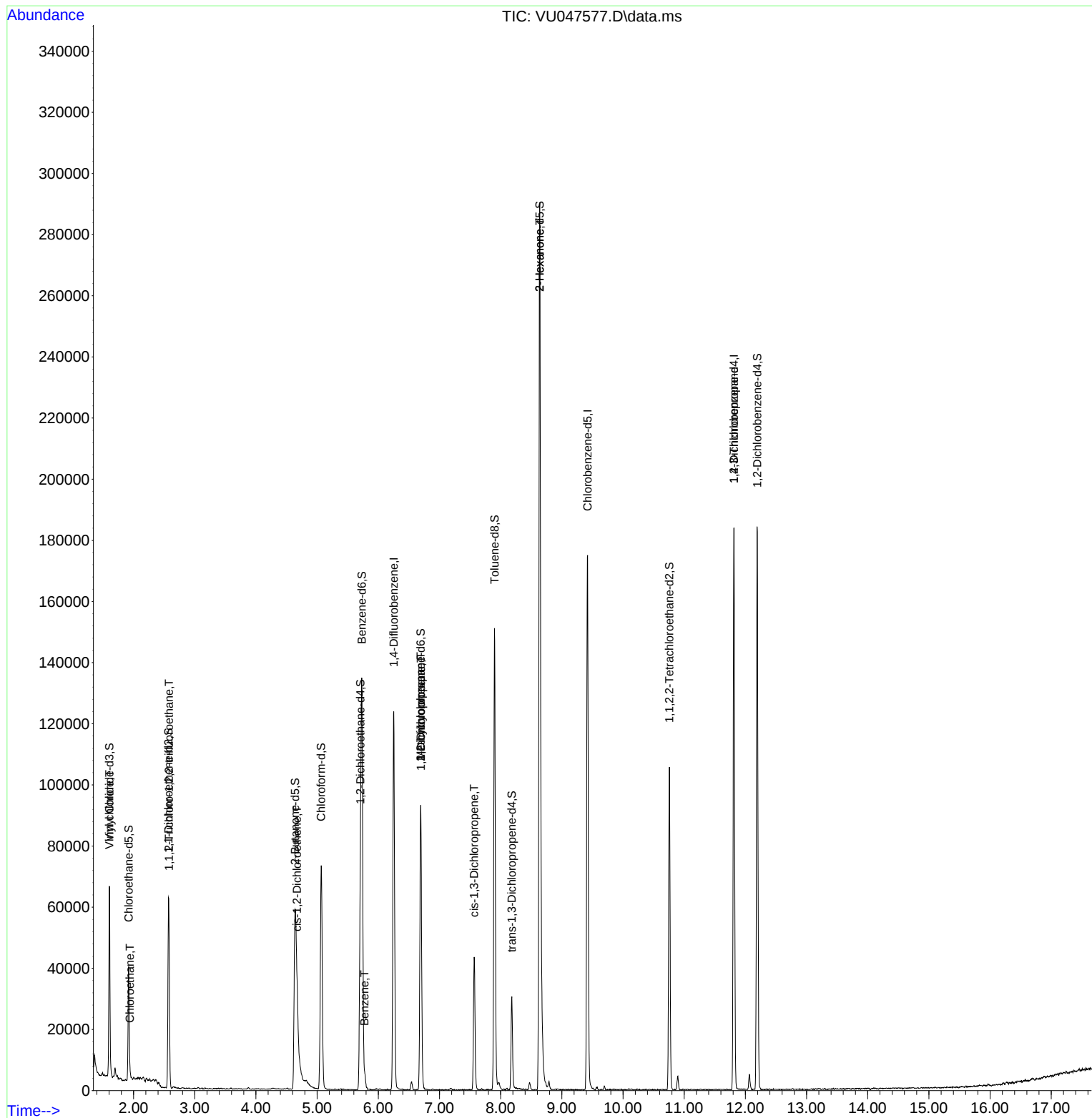
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	106457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26700	3.811	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.919	69	28494	4.481	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.572	65	11427	3.478	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.600%	
20) 2-Butanone-d5	4.642	46	127076	63.032	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.060%	
24) Chloroform-d	5.067	84	68636	4.461	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.706	65	42114	5.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.732	84	127543	4.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.694	67	44872	4.604	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.899	98	104174	3.585	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.800%	
43) trans-1,3-Dichloroprop...	8.182	79	17420	4.252	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.639	63	115666	54.460	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.920%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51880	5.331	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	51153	4.596	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
5) Vinyl chloride	1.607	62	20184	3.028	ug/L	98
8) Chloroethane	1.941	64	1141	0.283	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	323	0.059	ug/L #	18
22) cis-1,2-Dichloroethene	4.671	96	5977	0.939	ug/L	95
33) Benzene	5.774	78	4092	0.170	ug/L	100
35) Methylcyclohexane	6.694	83	10704	1.167	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	4786	0.776	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1012	0.106	ug/L #	72
48) 2-Hexanone	8.639	43	13232	4.046	ug/L #	65
61) 1,2,3-Trichloropropane	11.812	75	5628	1.260	ug/L #	65

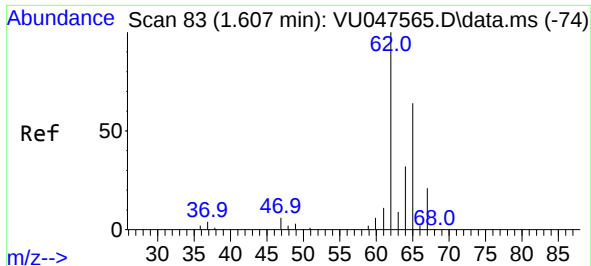
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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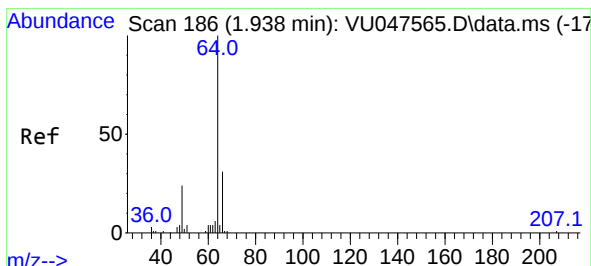
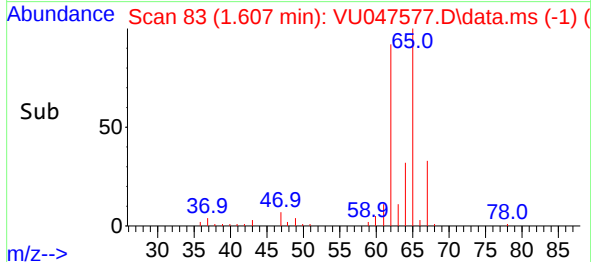
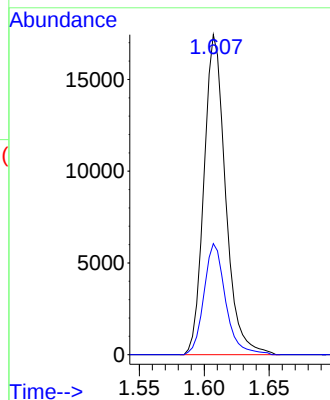
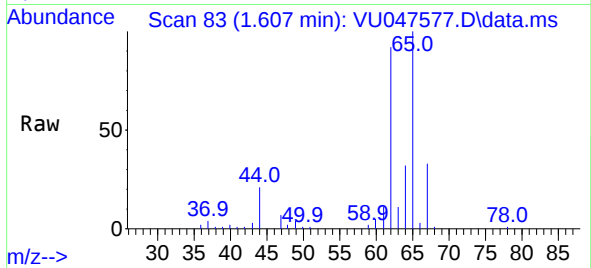




#5
 Vinyl chloride
 Concen: 3.028 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047577.D
 Acq: 15 Mar 2022 15:08

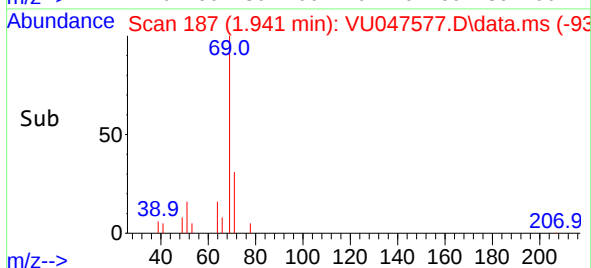
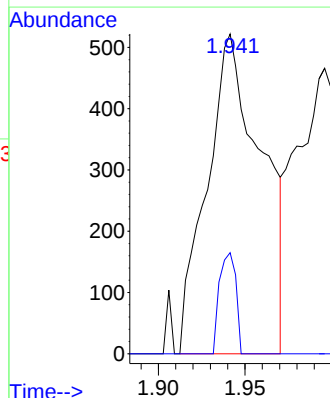
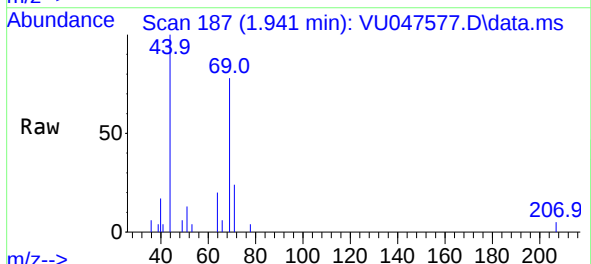
Instrument :
 MSVOA_U
 ClientSampleId :

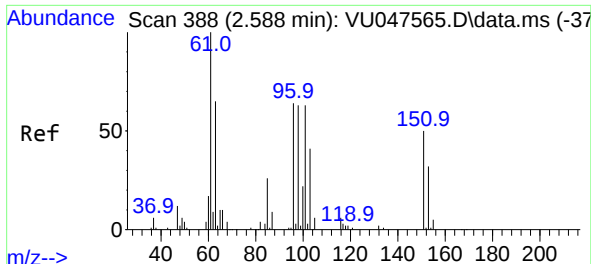
Tgt Ion: 62 Resp: 20184
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.5 43.7



#8
 Chloroethane
 Concen: 0.283 ug/L
 RT: 1.941 min Scan# 187
 Delta R.T. 0.003 min
 Lab File: VU047577.D
 Acq: 15 Mar 2022 15:08

Tgt Ion: 64 Resp: 1141
 Ion Ratio Lower Upper
 64 100
 66 31.6 22.0 40.8

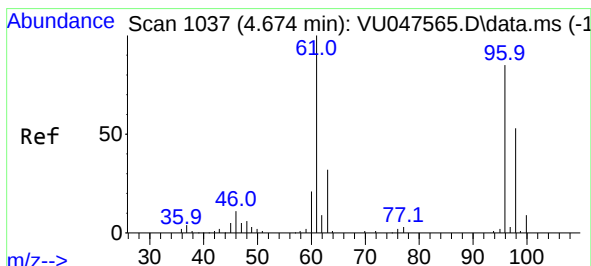
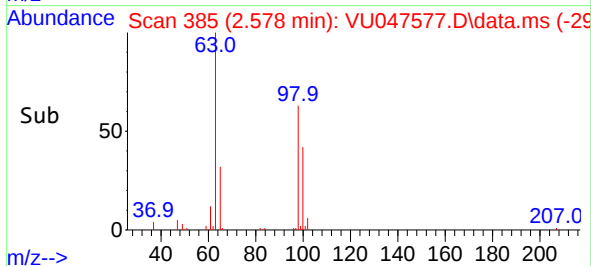
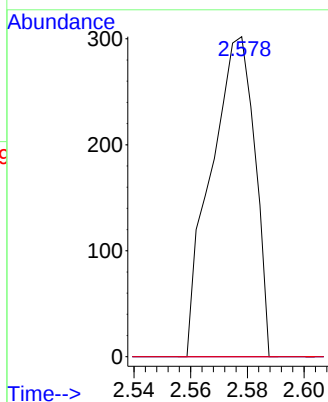
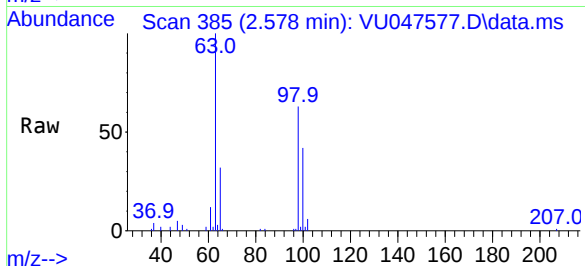




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08

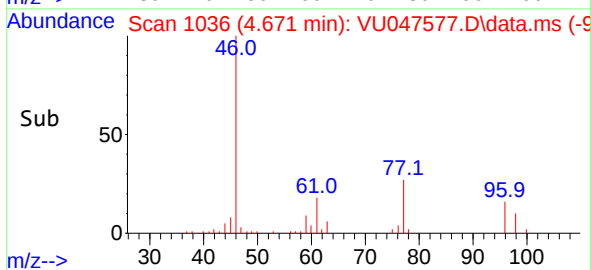
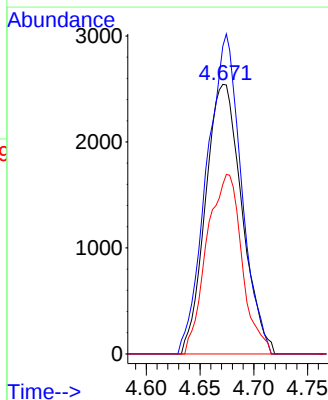
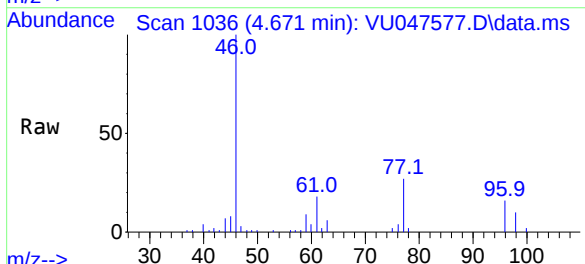
Instrument :
MSVOA_U
ClientSampleId :

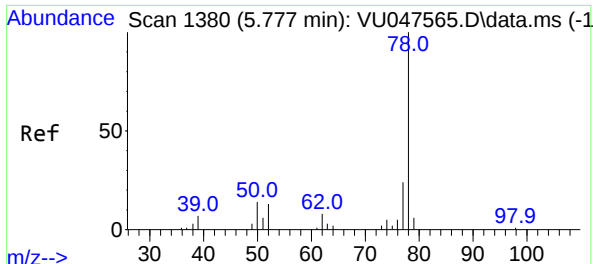
Tgt Ion:101 Resp: 323
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



#22
cis-1,2-Dichloroethene
Concen: 0.939 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08

Tgt Ion: 96 Resp: 5977
Ion Ratio Lower Upper
96 100
61 114.2 83.9 155.7
98 62.9 46.4 86.2

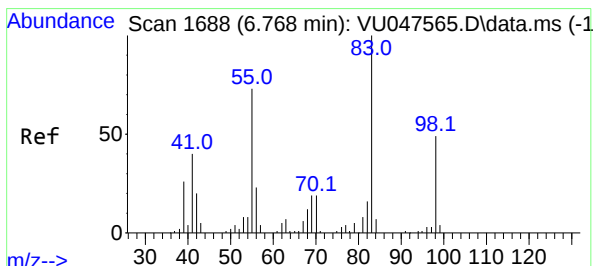
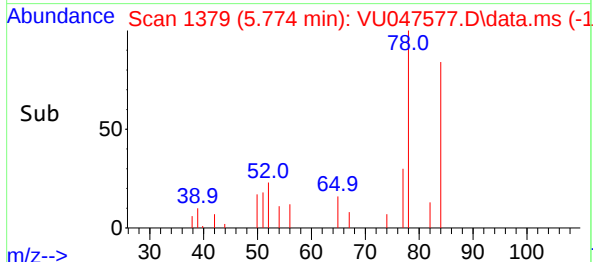
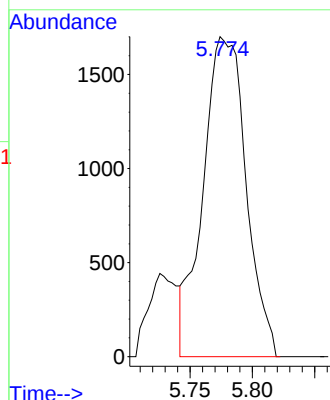
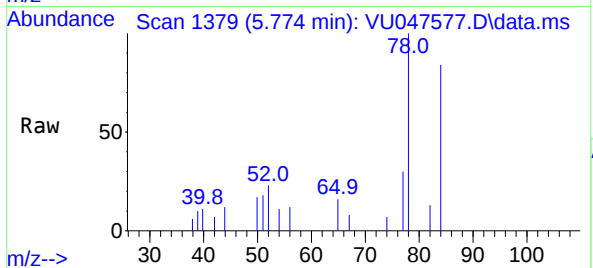




#33
Benzene
Concen: 0.170 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08

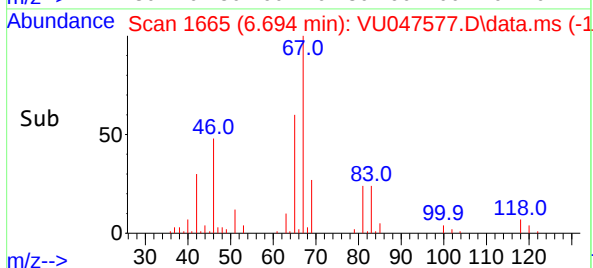
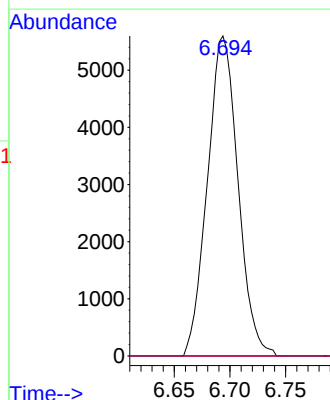
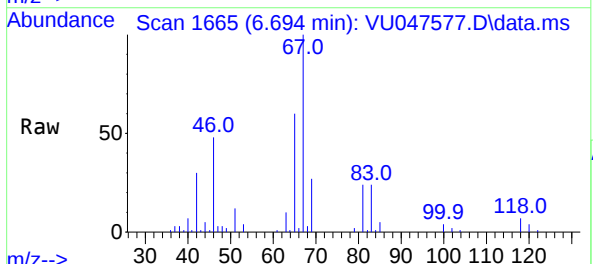
Instrument :
MSVOA_U
ClientSampleId :

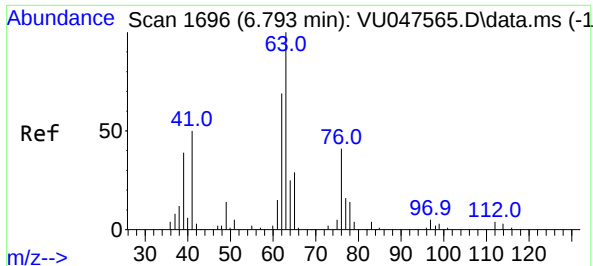
Tgt Ion: 78 Resp: 4092



#35
Methylcyclohexane
Concen: 1.167 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08

Tgt Ion: 83 Resp: 10704
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.2 37.5 56.3#

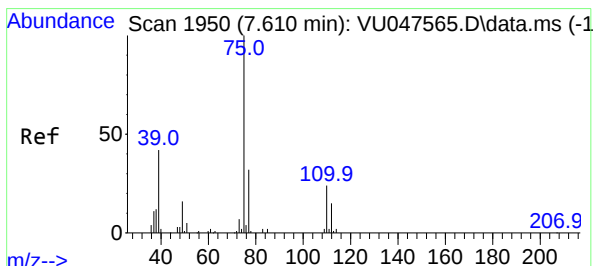
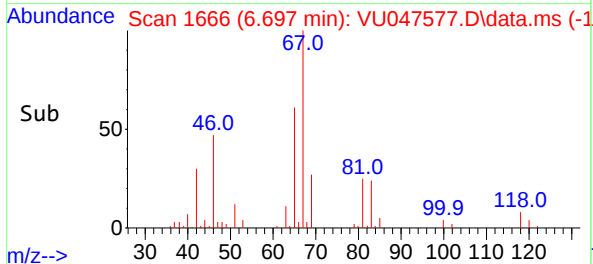
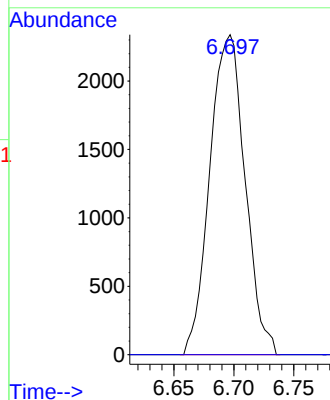
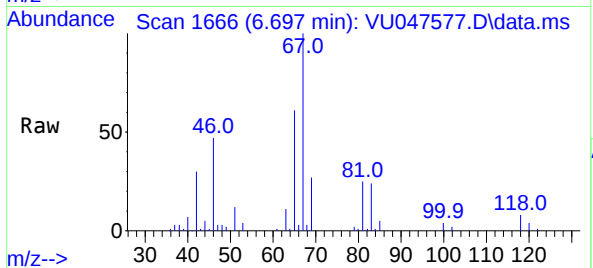




#37
1,2-Dichloropropane
Concen: 0.776 ug/L
RT: 6.697 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08

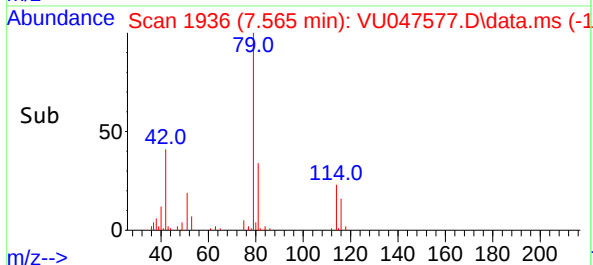
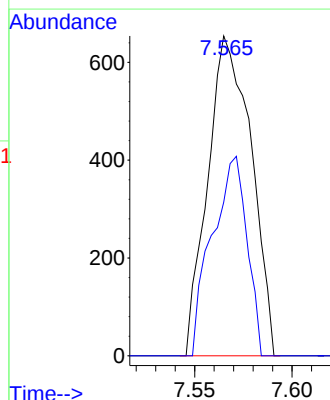
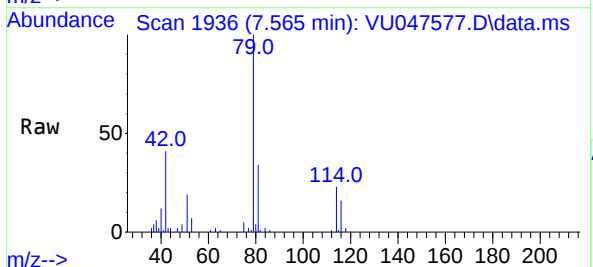
Instrument :
MSVOA_U
ClientSampleId :

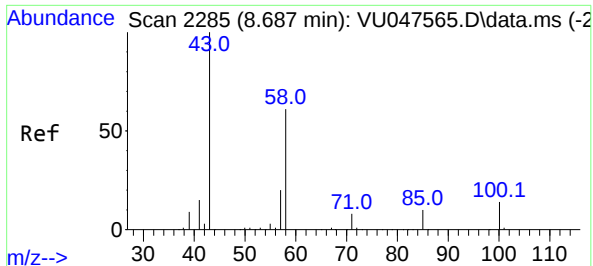
Tgt Ion: 63 Resp: 4786
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08

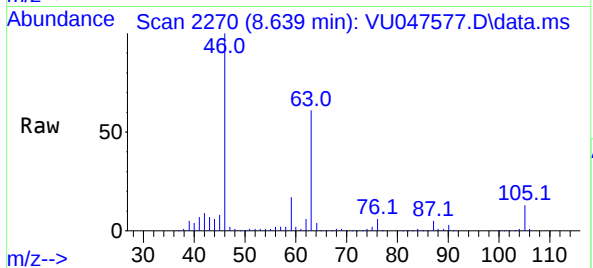
Tgt Ion: 75 Resp: 1012
Ion Ratio Lower Upper
75 100
77 48.0 22.6 42.0#



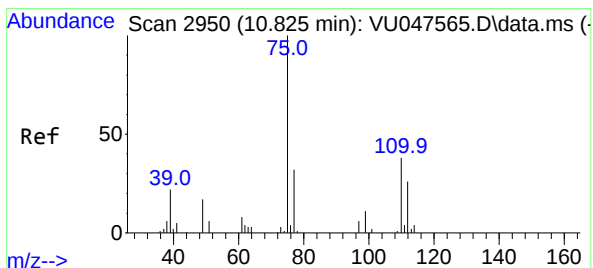
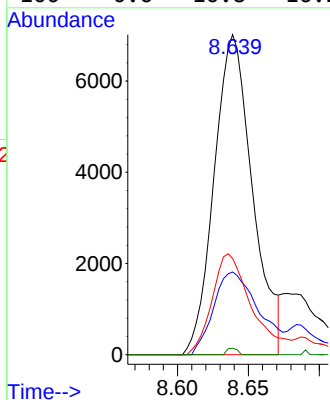
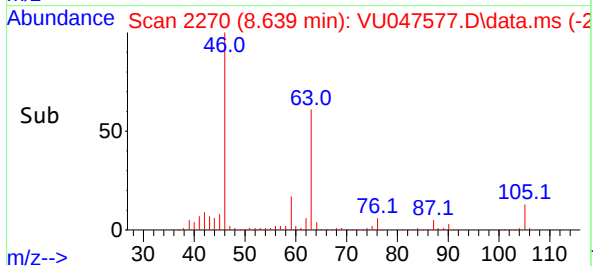


#48
2-Hexanone
Concen: 4.046 ug/L
RT: 8.639 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08

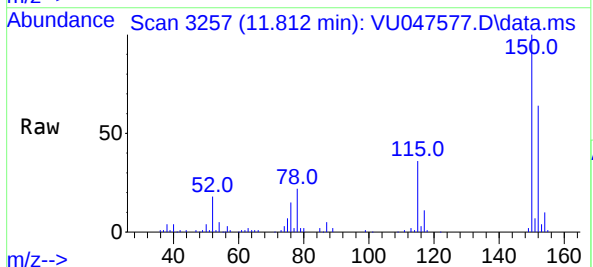
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 13232
Ion Ratio Lower Upper
43 100
58 30.5 47.5 71.3#
57 32.9 16.0 24.0#
100 0.6 10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.260 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047577.D
Acq: 15 Mar 2022 15:08



Tgt Ion: 75 Resp: 5628
Ion Ratio Lower Upper
75 100
110 0.0 30.2 45.4#
77 31.2 26.6 39.8

