

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057158.D
 Acq On : 22 Dec 2023 00:52
 Operator : MD/SY
 Sample : 05894-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 01:07:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

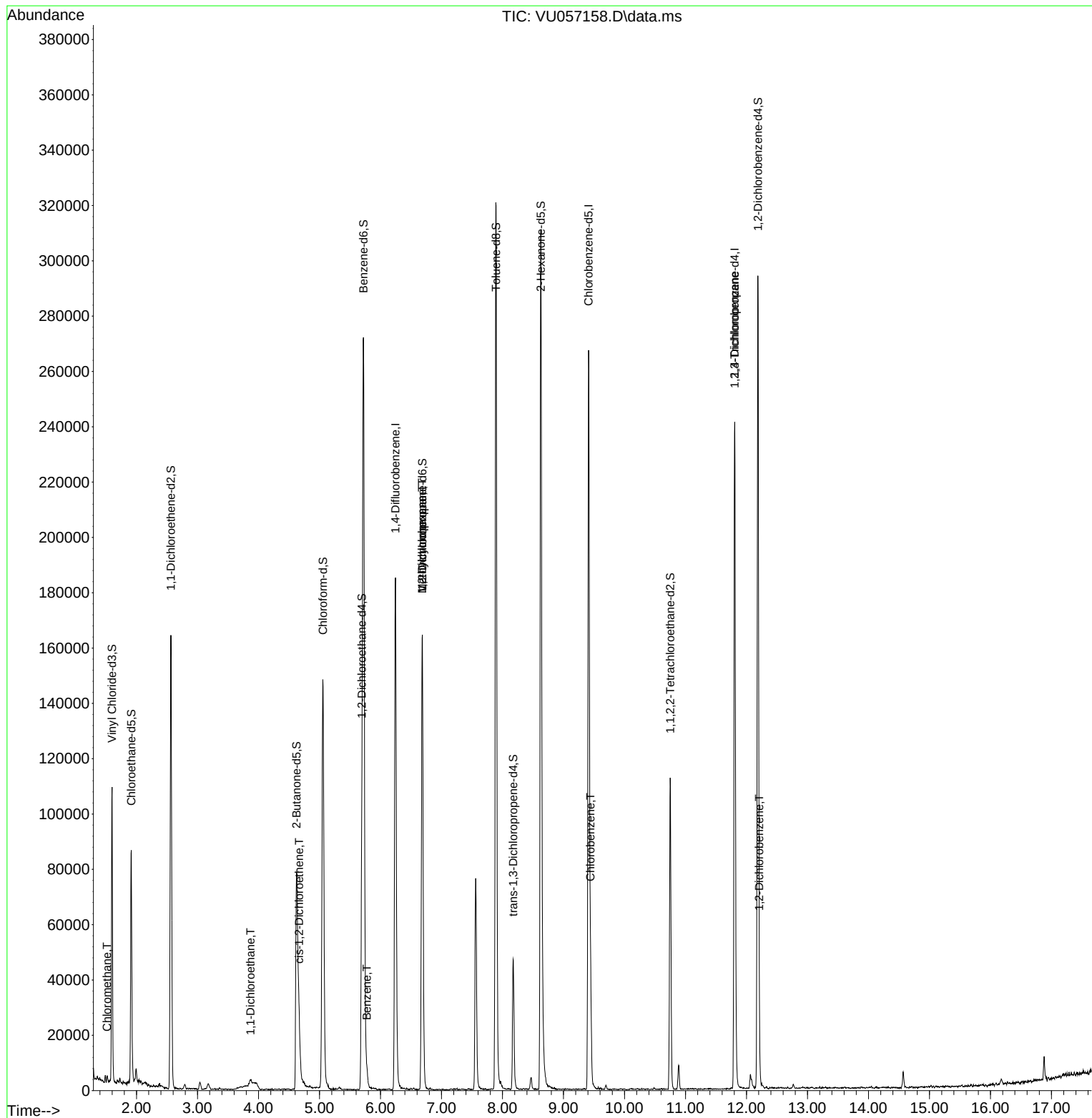
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	148716	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71649	5.041	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.914	69	62441	5.337	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.800%		
11) 1,1-Dichloroethene-d2	2.563	65	31690	5.146	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.000%		
20) 2-Butanone-d5	4.624	46	127929	57.322	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.640%		
24) Chloroform-d	5.055	84	143941	5.244	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.800%		
26) 1,2-Dichloroethane-d4	5.695	65	71686	5.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.600%		
32) Benzene-d6	5.721	84	259599	5.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
36) 1,2-Dichloropropane-d6	6.685	67	76553	5.269	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.894	98	219067	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.000%		
43) trans-1,3-Dichloroprop...	8.177	79	29782	4.924	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.400%		
46) 2-Hexanone-d5	8.627	63	107959	52.429	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.860%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54855	5.306	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	74899	5.380	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.600%		
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1752	0.144	ug/L	93
19) 1,1-Dichloroethane	3.869	63	2772	0.129	ug/L #	77
22) cis-1,2-Dichloroethene	4.666	96	6342	0.531	ug/L	89
33) Benzene	5.775	78	6222	0.132	ug/L	100
35) Methylcyclohexane	6.682	83	18581	1.023	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8148	0.694	ug/L #	88
51) Chlorobenzene	9.441	112	21549	0.662	ug/L	99
61) 1,2,3-Trichloropropane	11.804	75	8002	1.327	ug/L #	66
67) 1,2-Dichlorobenzene	12.209	146	3150	0.156	ug/L	97

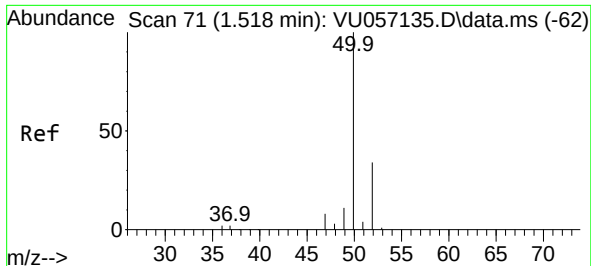
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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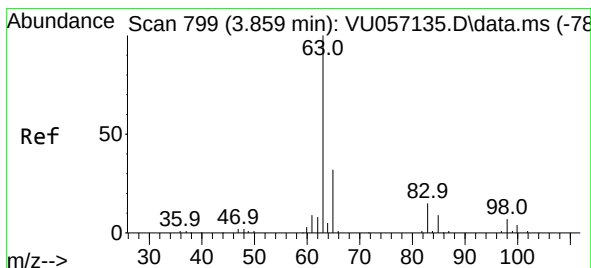
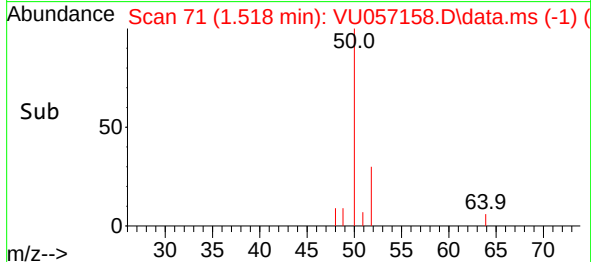
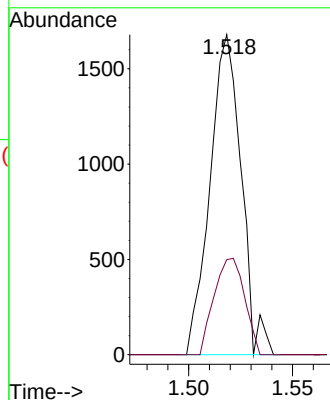
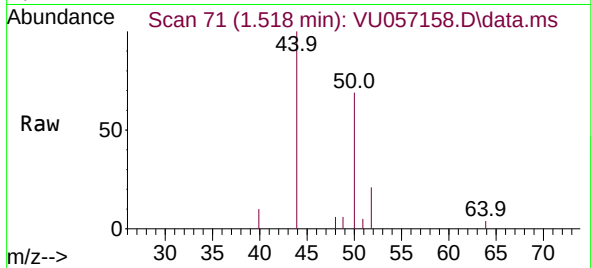




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057158.D
Acq: 22 Dec 2023 00:52

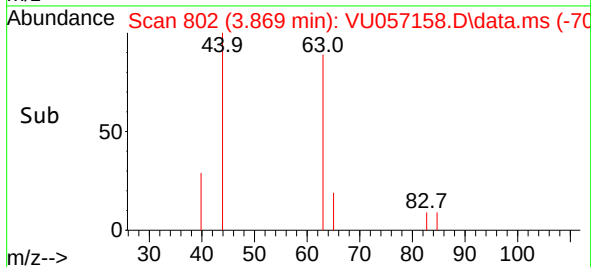
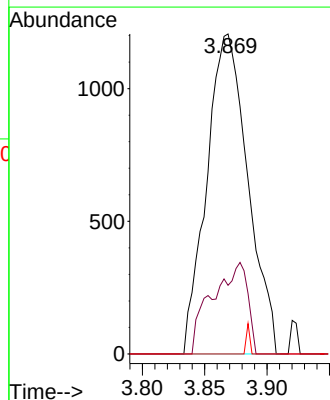
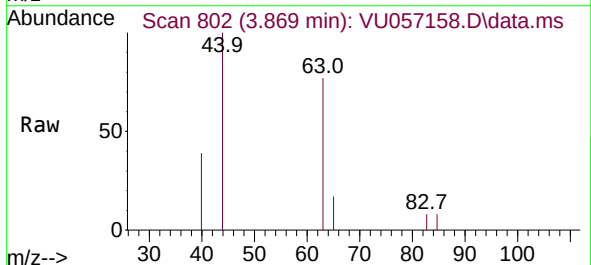
Instrument :
MSVOA_U
ClientSampleId :

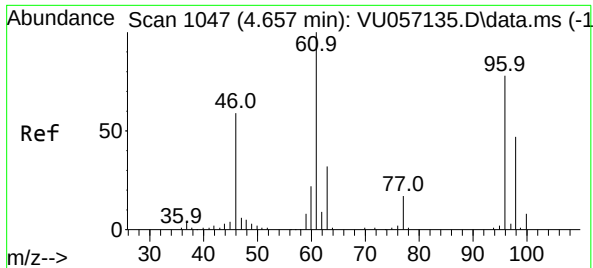
Tgt Ion: 50 Resp: 1752
Ion Ratio Lower Upper
50 100
52 29.7 23.7 44.1



#19
1,1-Dichloroethane
Concen: 0.129 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.010 min
Lab File: VU057158.D
Acq: 22 Dec 2023 00:52

Tgt Ion: 63 Resp: 2772
Ion Ratio Lower Upper
63 100
65 21.5 21.6 40.2#
83 0.0 10.2 19.0#





#22

cis-1,2-Dichloroethene

Concen: 0.531 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU057158.D

Acq: 22 Dec 2023 00:52

Instrument :

MSVOA_U

ClientSampleId :

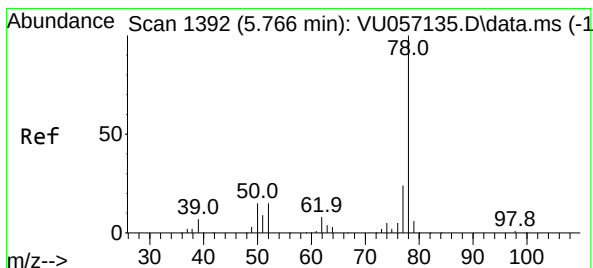
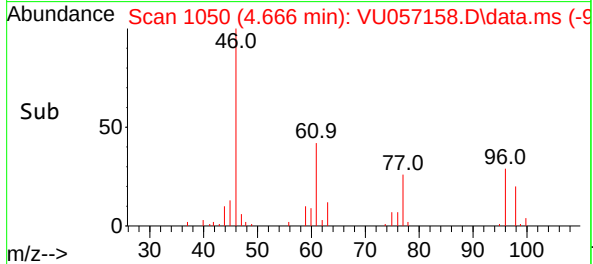
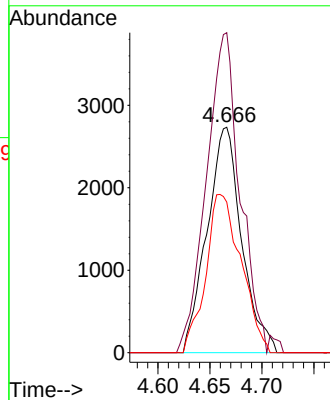
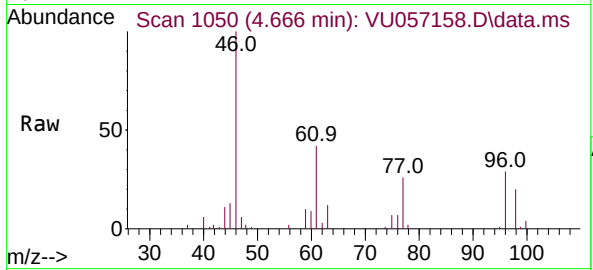
Tgt Ion: 96 Resp: 6342

Ion Ratio Lower Upper

96 100

61 142.0 86.8 161.2

98 66.8 45.5 84.5



#33

Benzene

Concen: 0.132 ug/L

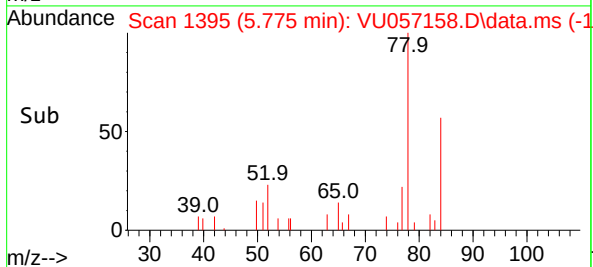
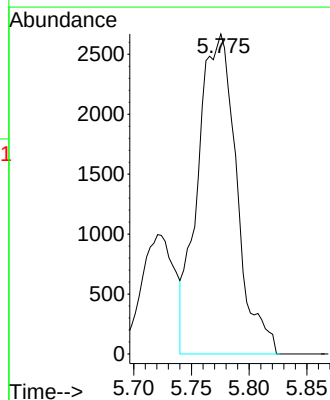
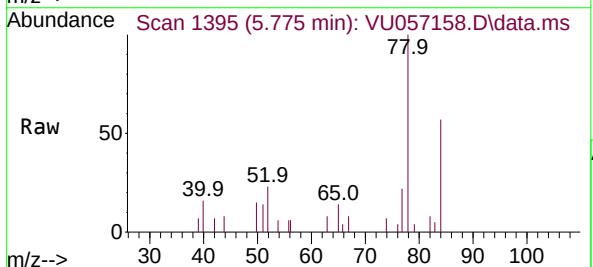
RT: 5.775 min Scan# 1395

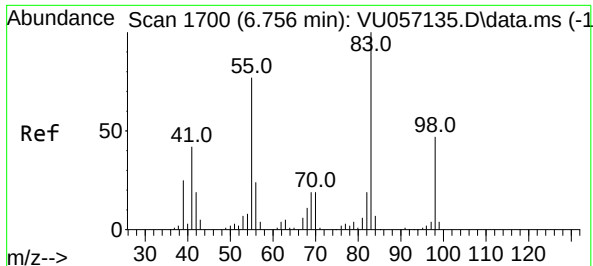
Delta R.T. 0.010 min

Lab File: VU057158.D

Acq: 22 Dec 2023 00:52

Tgt Ion: 78 Resp: 6222





#35

Methylcyclohexane

Concen: 1.023 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057158.D

Acq: 22 Dec 2023 00:52

Instrument :

MSVOA_U

ClientSampleId :

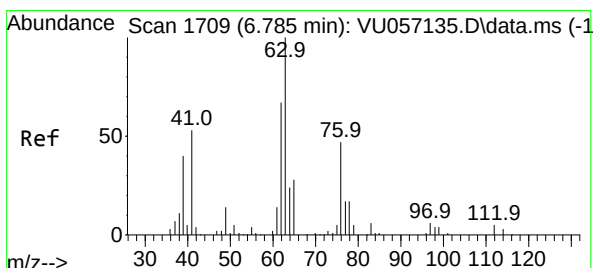
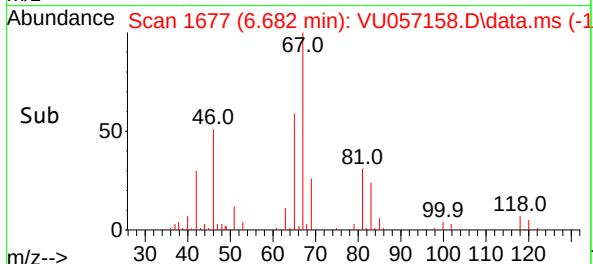
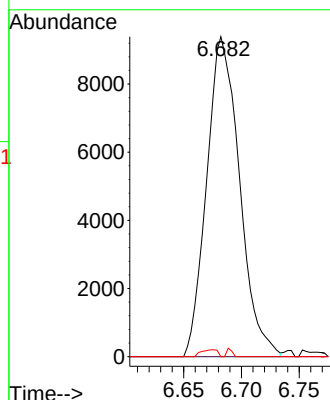
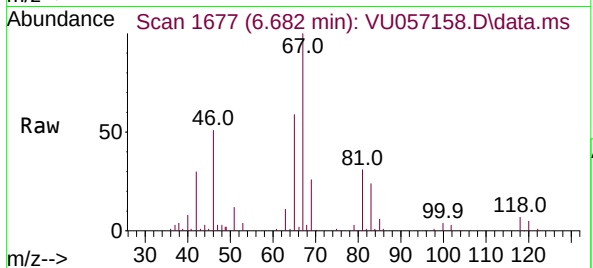
Tgt Ion: 83 Resp: 18581

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 0.4 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057158.D

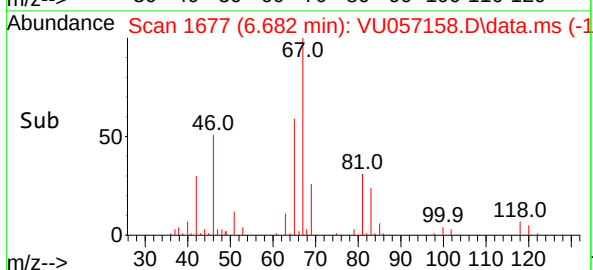
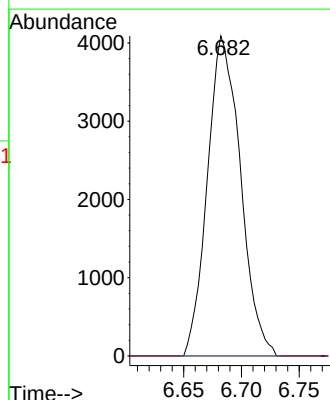
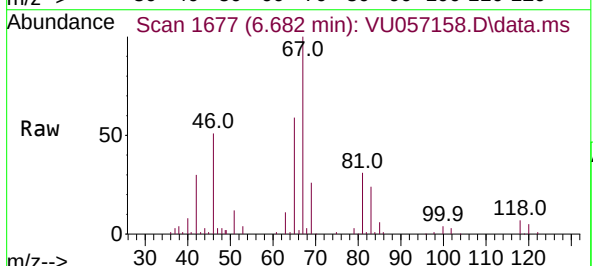
Acq: 22 Dec 2023 00:52

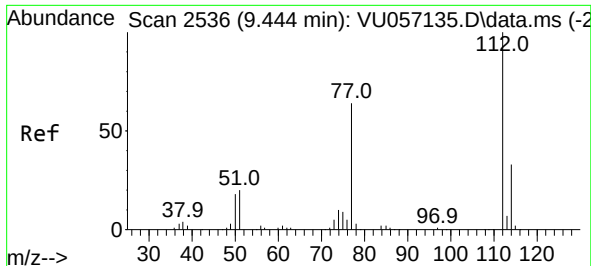
Tgt Ion: 63 Resp: 8148

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

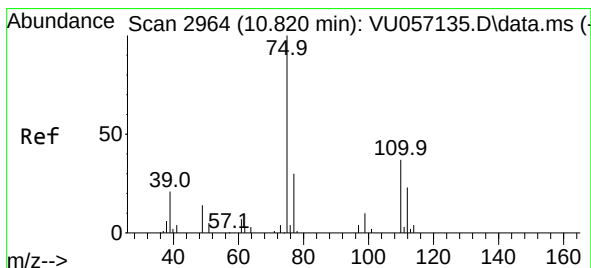
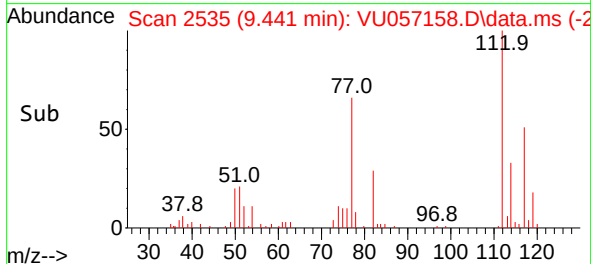
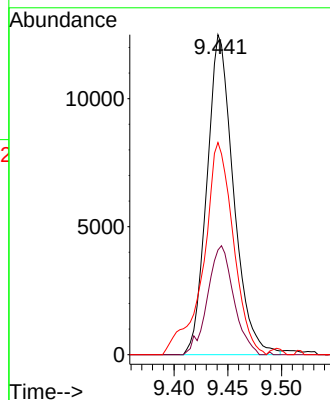
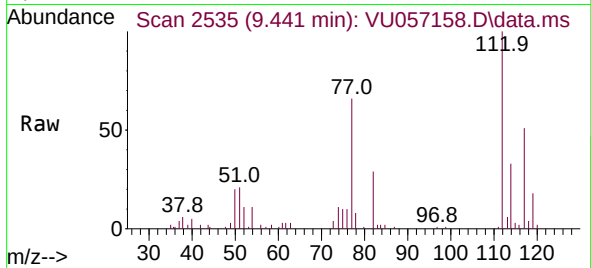




#51
Chlorobenzene
Concen: 0.662 ug/L
RT: 9.441 min Scan# 21549
Delta R.T. -0.003 min
Lab File: VU057158.D
Acq: 22 Dec 2023 00:52

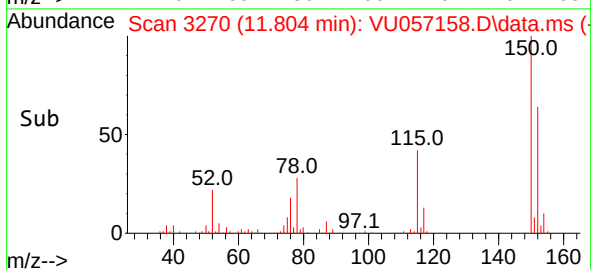
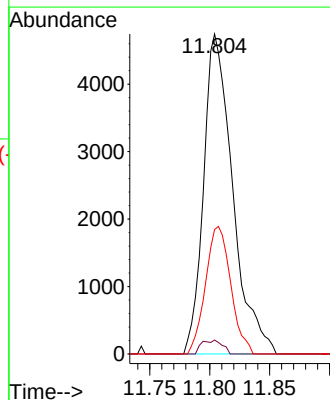
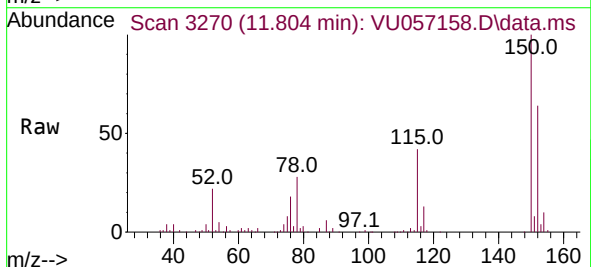
Instrument :
MSVOA_U
ClientSampleId :

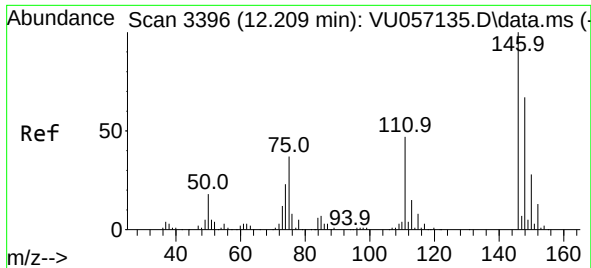
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.7	42.1
77	66.3	52.2	78.2



#61
1,2,3-Trichloropropane
Concen: 1.327 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.984 min
Lab File: VU057158.D
Acq: 22 Dec 2023 00:52

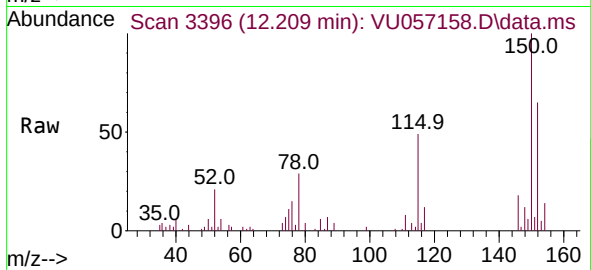
Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.1	31.2	46.8#
77	34.5	25.5	38.3





#67
1,2-Dichlorobenzene
Concen: 0.156 ug/L
RT: 12.209 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057158.D
Acq: 22 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 3150
Ion Ratio Lower Upper
146 100
111 45.5 37.9 56.9
148 64.6 50.1 75.1

