

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057010.D
 Acq On : 18 Dec 2023 22:51
 Operator : MD/SY
 Sample : 05771-02 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 05:11:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

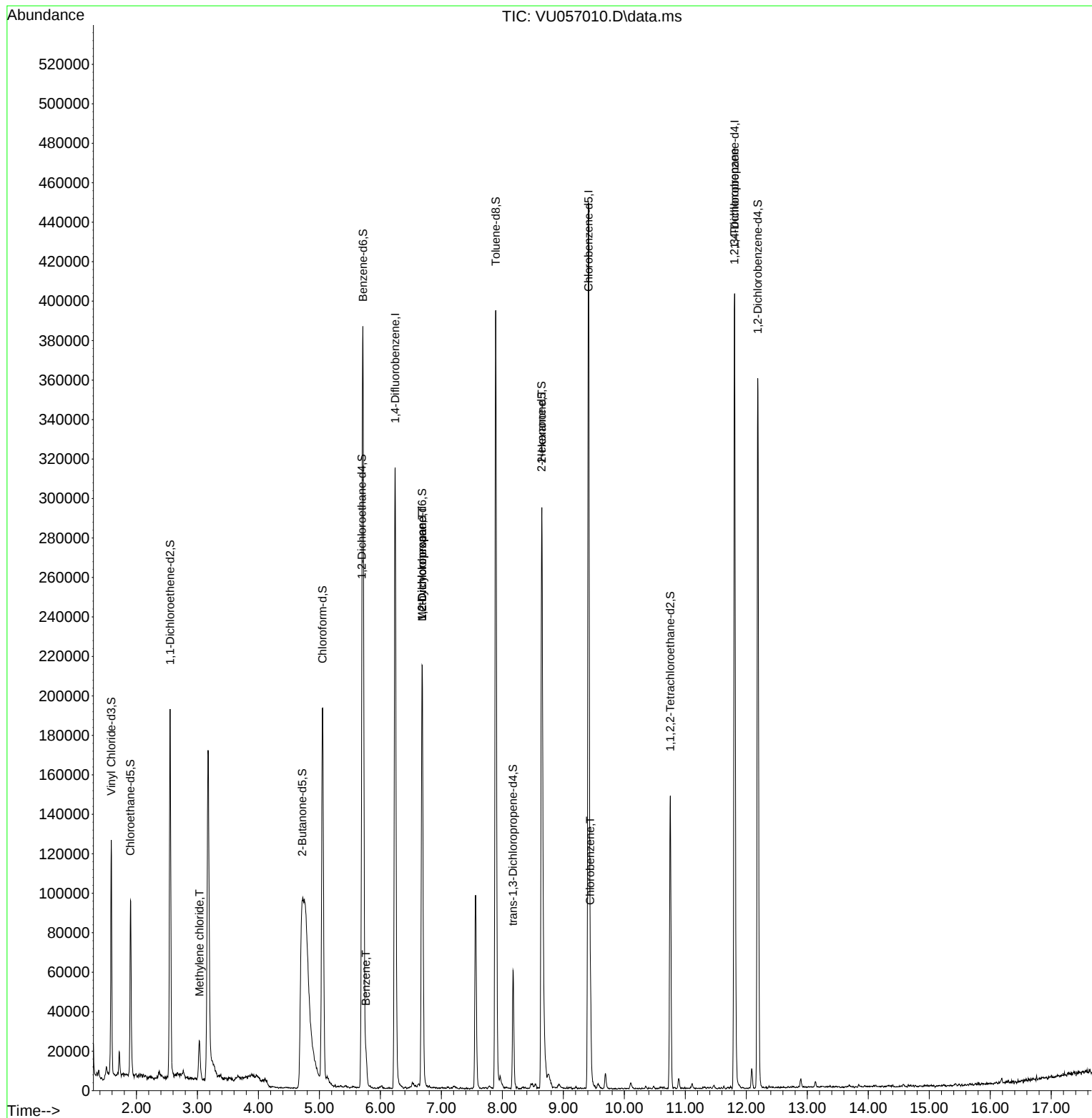
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	252572	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	254725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	81810	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.901	69	68898	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.551	65	36090	3.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.718	46	148516	34.737	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.480%
24) Chloroform-d	5.049	84	179369	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.695	65	82044	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.714	84	338199	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.682	67	105813	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.891	98	267449	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.174	79	33540	3.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.644	63	109653	30.316	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	75189	4.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	95244	4.643	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	8870	0.397	ug/L	95
33) Benzene	5.763	78	14375	0.161	ug/L	100
35) Methylcyclohexane	6.685	83	25661	0.708	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	11448	0.500	ug/L #	89
48) 2-Hexanone	8.647	43	15258	1.970	ug/L #	74
51) Chlorobenzene	9.441	112	24510	0.415	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	14876	1.328	ug/L #	71

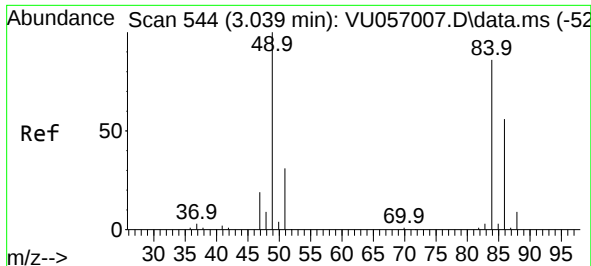
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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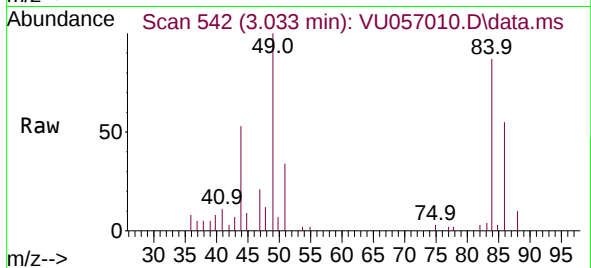
Quant Time: Dec 19 05:11:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
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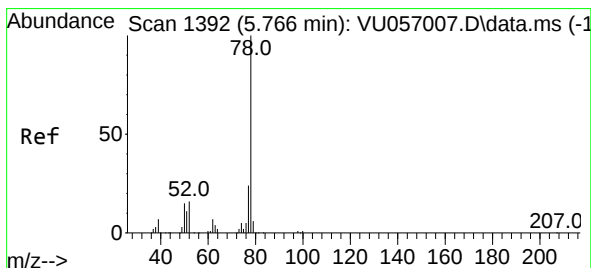
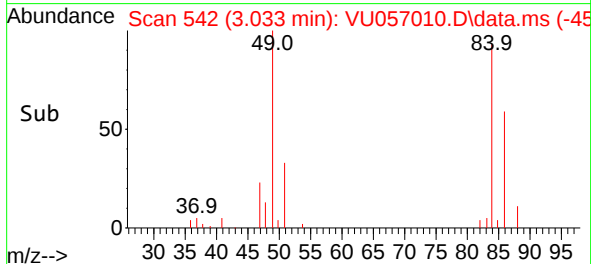
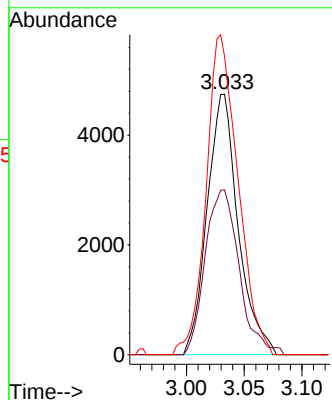


#16
Methylene chloride
Concen: 0.397 ug/L
RT: 3.033 min Scan# 544
Delta R.T. -0.006 min
Lab File: VU057010.D
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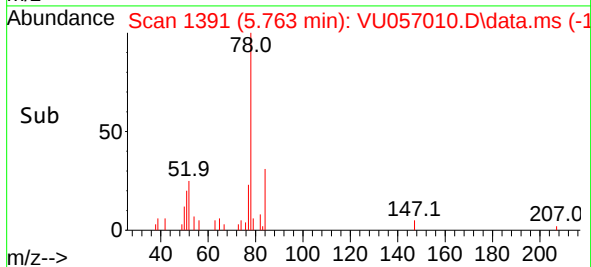
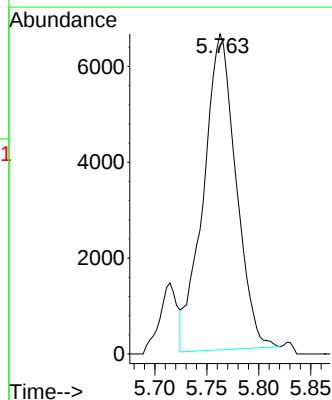
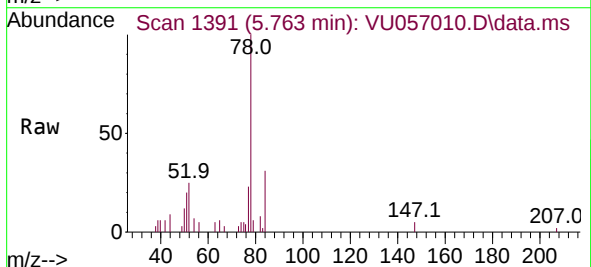


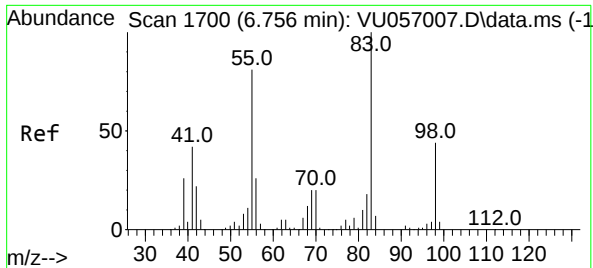
Tgt Ion: 84 Resp: 8870
Ion Ratio Lower Upper
84 100
86 63.3 43.6 81.0
49 122.6 80.6 149.6



#33
Benzene
Concen: 0.161 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU057010.D
Acq: 18 Dec 2023 22:51

Tgt Ion: 78 Resp: 14375

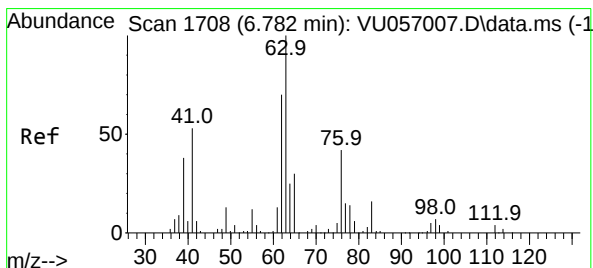
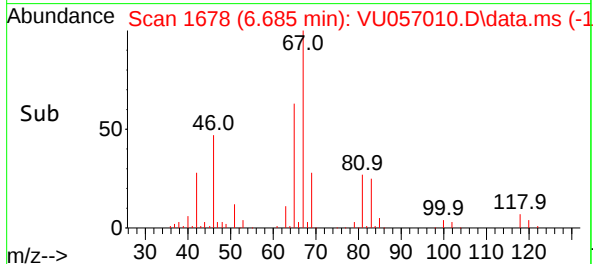
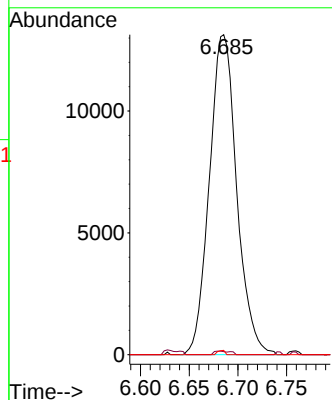
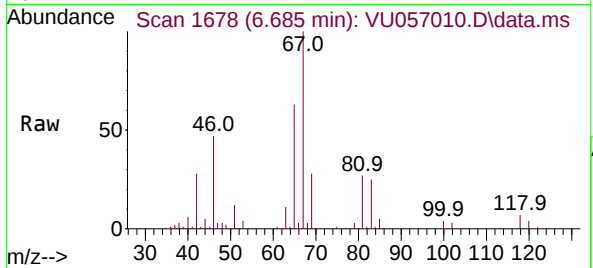




#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057010.D
Acq: 18 Dec 2023 22:51

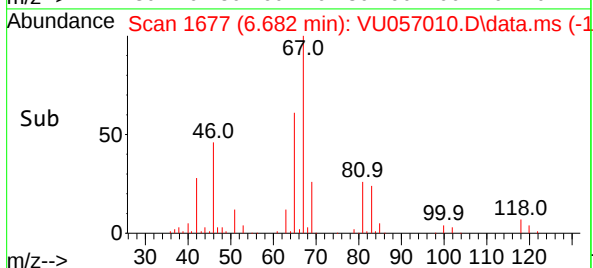
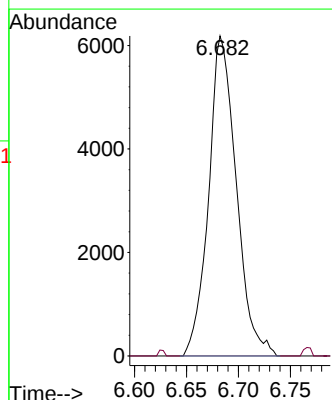
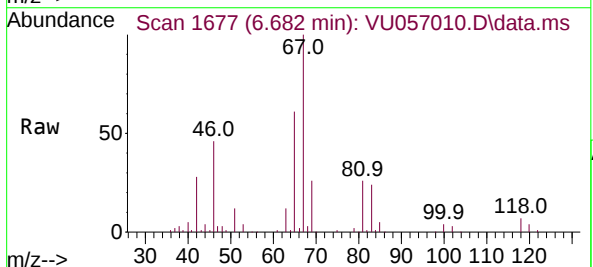
Instrument :
MSVOA_U
ClientSampleId :

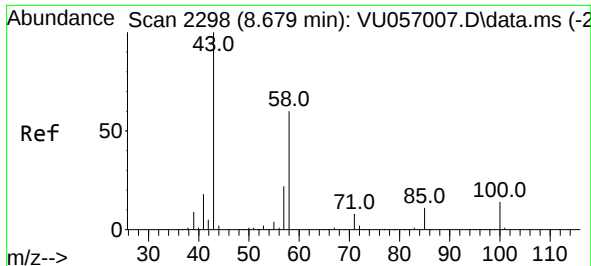
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.6	97.0#
98	0.4	36.1	54.1#



#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057010.D
Acq: 18 Dec 2023 22:51

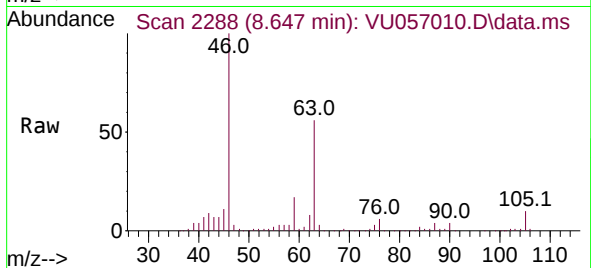
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.3	4.9#



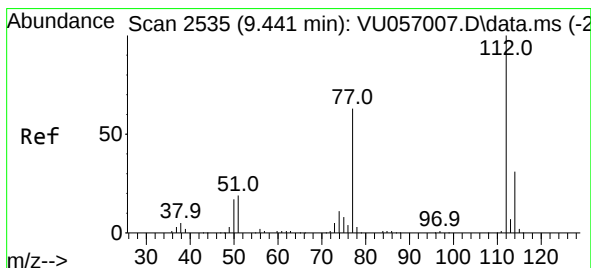
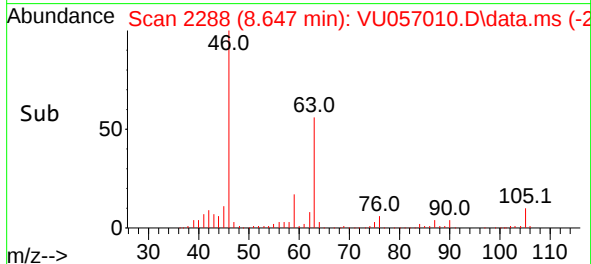
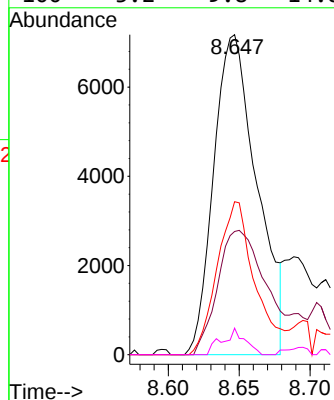


#48
2-Hexanone
Concen: 1.970 ug/L
RT: 8.647 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU057010.D
Acq: 18 Dec 2023 22:51

Instrument :
MSVOA_U
ClientSampleId :

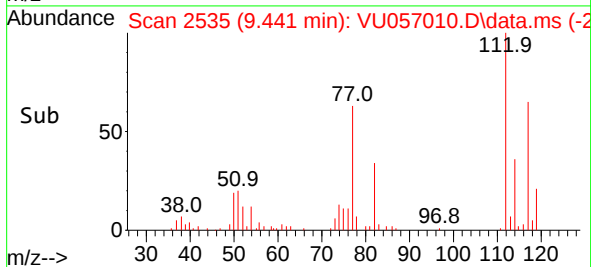
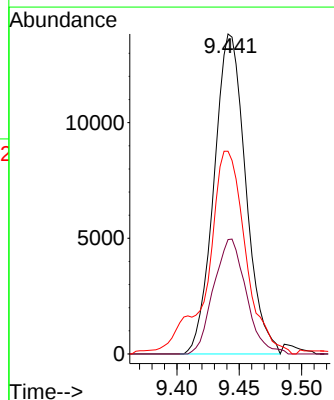
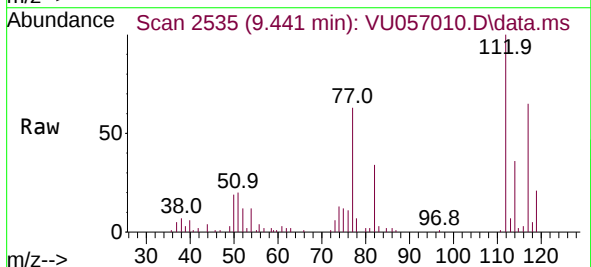


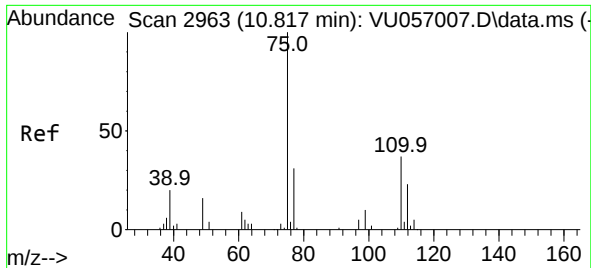
Tgt Ion: 43	Resp: 15258
Ion Ratio	Lower Upper
43 100	
58 43.7	47.5 71.3#
57 41.7	17.0 25.4#
100 3.2	9.8 14.8#



#51
Chlorobenzene
Concen: 0.415 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057010.D
Acq: 18 Dec 2023 22:51

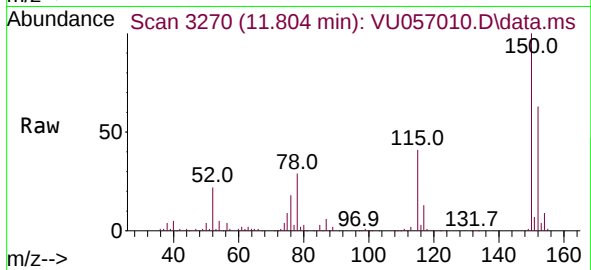
Tgt Ion:112	Resp: 24510
Ion Ratio	Lower Upper
112 100	
114 35.7	21.9 40.7
77 63.4	51.6 77.4





#61
 1,2,3-Trichloropropane
 Concen: 1.328 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057010.D
 Acq: 18 Dec 2023 22:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14876
 Ion Ratio Lower Upper
 75 100
 110 3.5 28.4 42.6#
 77 32.8 26.3 39.5

