

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055717.D
 Acq On : 10 Oct 2023 13:33
 Operator : MD/SY
 Sample : VU1010MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:52:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:51:51 2023
 Response via : Initial Calibration

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

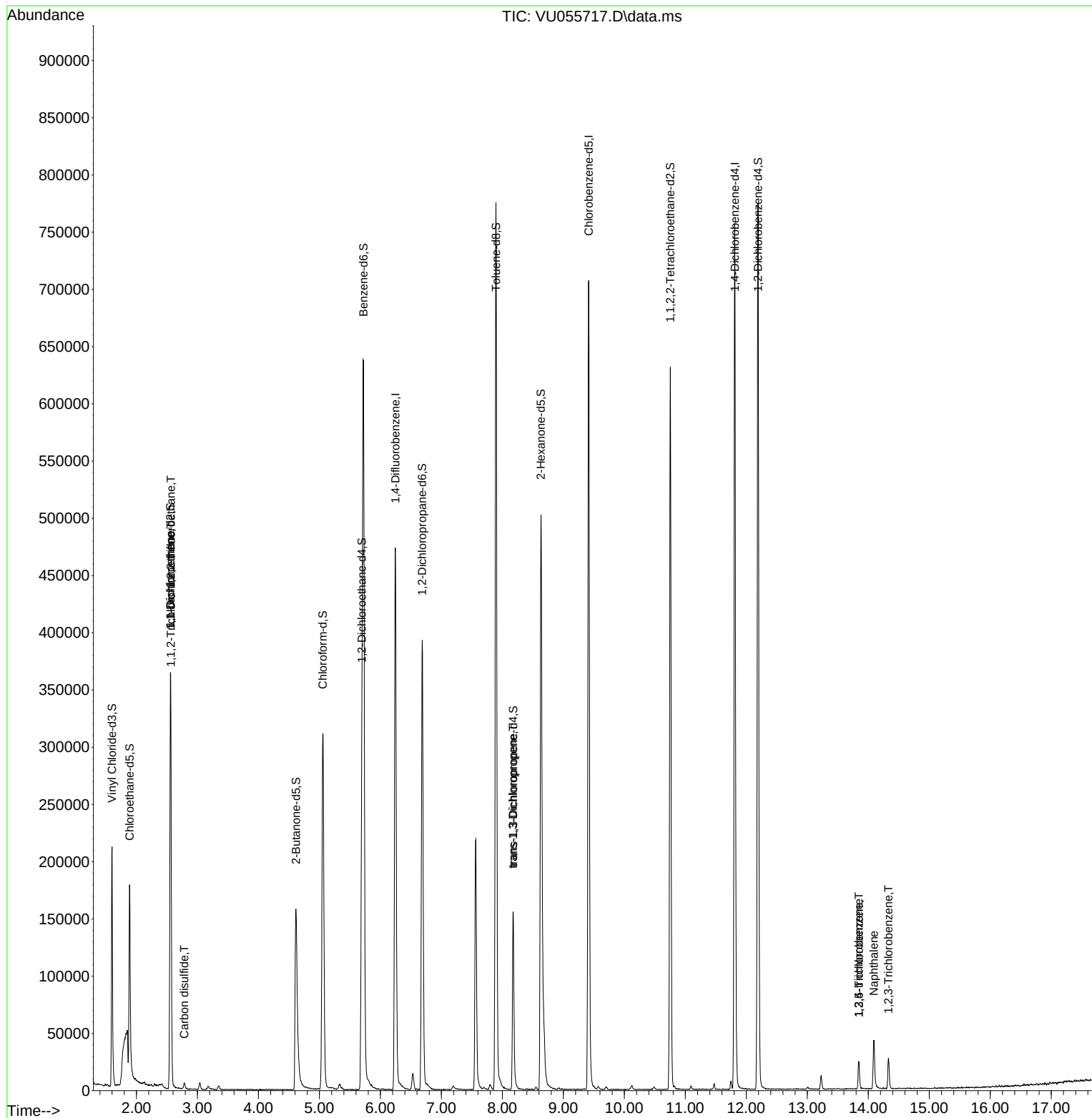
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	380473	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	390731	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	188861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	157806	46.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.480%
7) Chloroethane-d5	1.888	69	135305	48.503	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.557	63	221208	36.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.700%
21) 2-Butanone-d5	4.615	46	250304	98.983	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.980%
24) Chloroform-d	5.055	84	291299	44.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
26) 1,2-Dichloroethane-d4	5.695	65	190673	47.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.721	84	592918	47.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
36) 1,2-Dichloropropane-d6	6.686	67	189327	47.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.680%
41) Toluene-d8	7.895	98	516328	45.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
43) trans-1,3-Dichloroprop...	8.178	79	87665	46.111	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.631	63	172917	111.137	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	308309	50.609	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.220%
66) 1,2-Dichlorobenzene-d4	12.190	152	201800	53.844	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.564	101	1934	0.638	ug/L #	29
12) 1,1-Dichloroethene	2.560	96	2562	0.950	ug/L #	1
14) Carbon disulfide	2.782	76	6505	0.792	ug/L	96
44) trans-1,3-Dichloropropene	8.174	75	3985	0.805	ug/L	83
69) 1,3,5-Trichlorobenzene	13.846	180	7451	1.919	ug/L	96
70) 1,2,4-trichlorobenzene	13.846	180	7451	2.304	ug/L	95
71) Naphthalene	14.090	128	39160	4.077	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	8897	2.791	ug/L	93

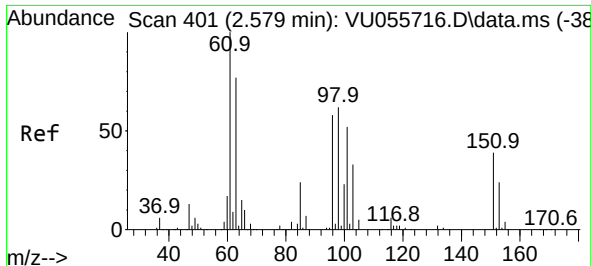
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 11 05:51:51 2023
Response via : Initial Calibration

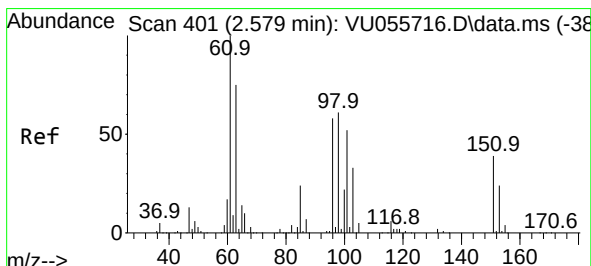
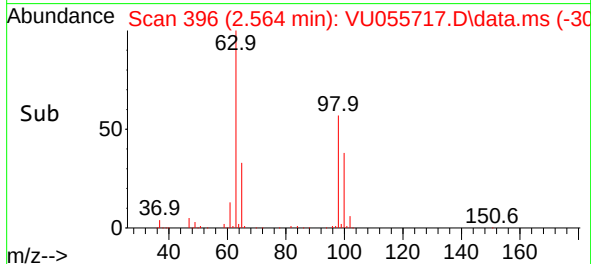
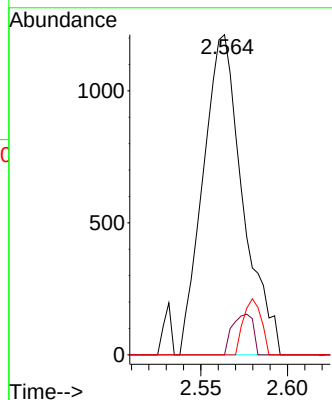
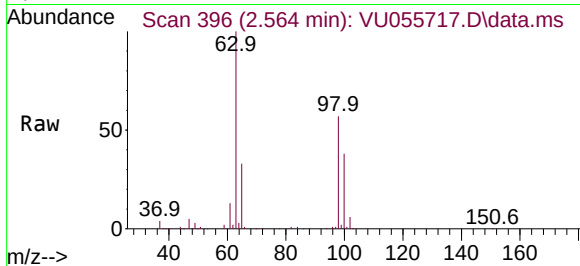




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.638 ug/L
RT: 2.564 min Scan# 396
Delta R.T. -0.016 min
Lab File: VU055717.D
Acq: 10 Oct 2023 13:33

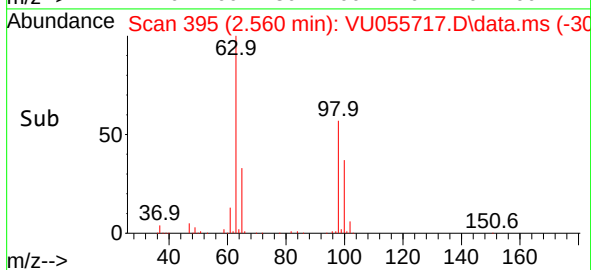
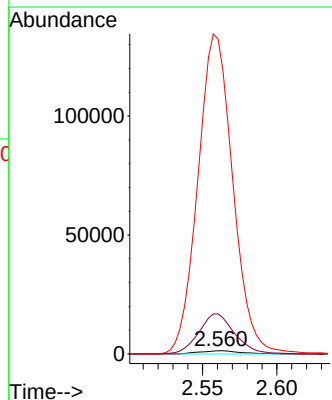
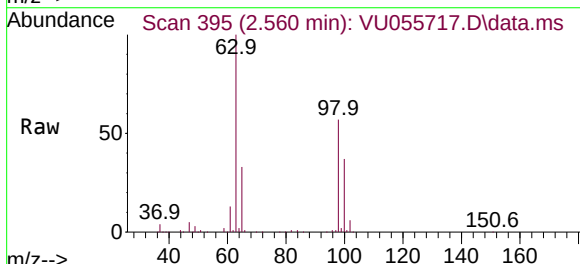
Instrument :
MSVOA_U
ClientSampleId :

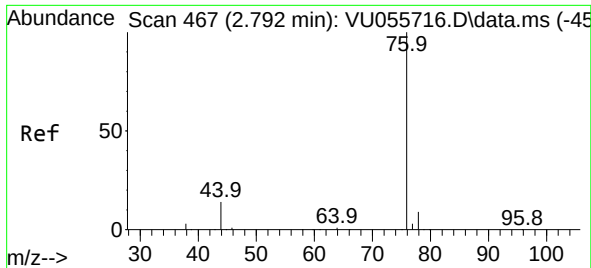
Tgt Ion:101 Resp: 1934
Ion Ratio Lower Upper
101 100
85 6.6 37.1 55.7#
151 7.8 58.2 87.4#



#12
1,1-Dichloroethene
Concen: 0.950 ug/L
RT: 2.560 min Scan# 395
Delta R.T. -0.019 min
Lab File: VU055717.D
Acq: 10 Oct 2023 13:33

Tgt Ion: 96 Resp: 2562
Ion Ratio Lower Upper
96 100
61 1239.5 122.0 226.6#
63 9741.4 93.7 174.1#





#14

Carbon disulfide

Concen: 0.792 ug/L

RT: 2.782 min Scan# 4

Delta R.T. -0.009 min

Lab File: VU055717.D

Acq: 10 Oct 2023 13:33

Instrument :

MSVOA_U

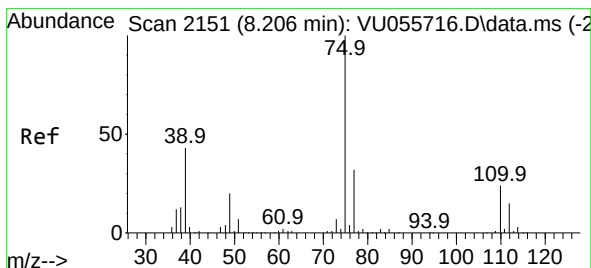
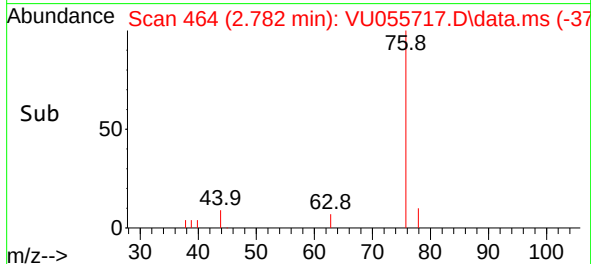
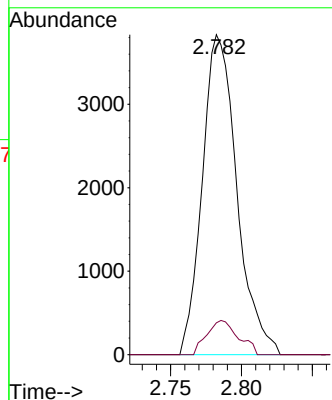
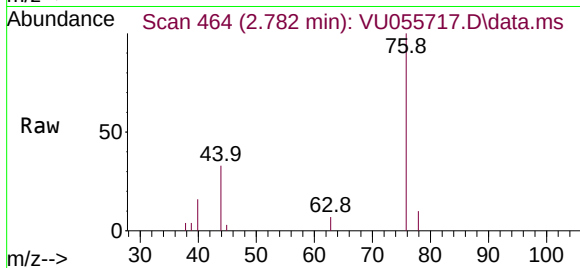
ClientSampleId :

Tgt Ion: 76 Resp: 6505

Ion Ratio Lower Upper

76 100

78 9.9 6.8 10.2



#44

trans-1,3-Dichloropropene

Concen: 0.805 ug/L

RT: 8.174 min Scan# 2141

Delta R.T. -0.032 min

Lab File: VU055717.D

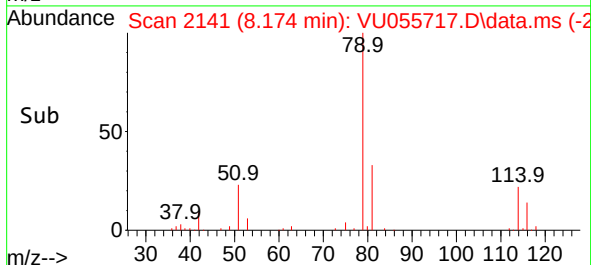
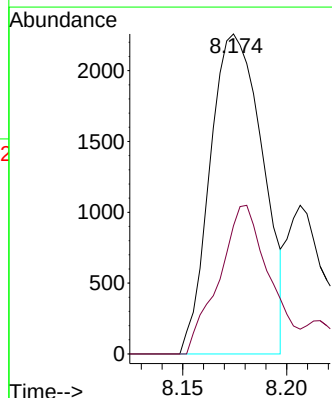
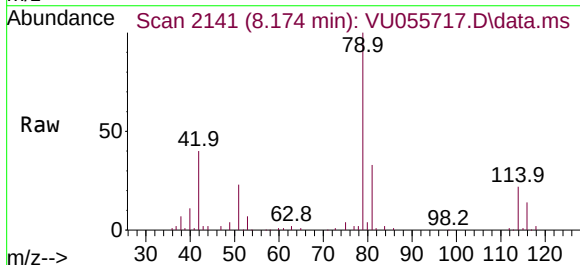
Acq: 10 Oct 2023 13:33

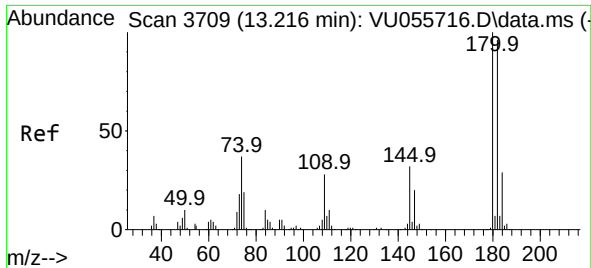
Tgt Ion: 75 Resp: 3985

Ion Ratio Lower Upper

75 100

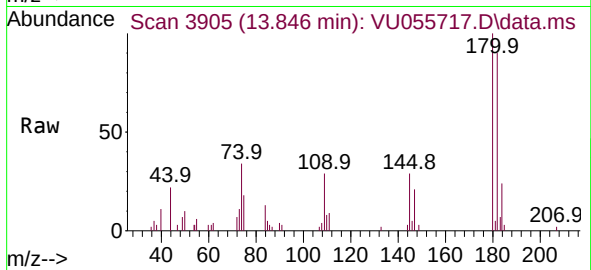
77 40.1 21.6 40.2



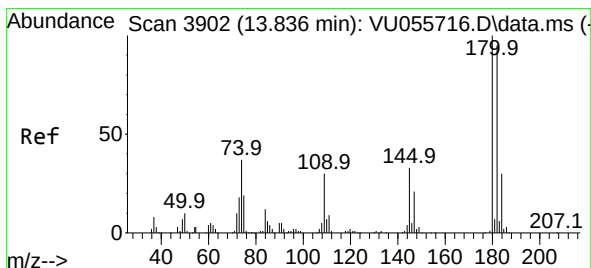
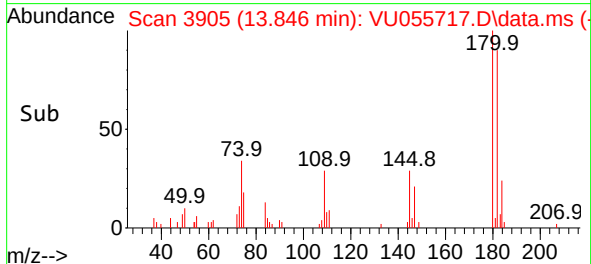
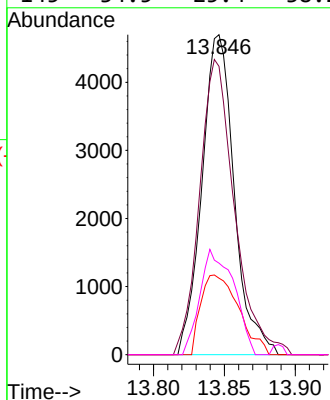


#69
 1,3,5-Trichlorobenzene
 Concen: 1.919 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.631 min
 Lab File: VU055717.D
 Acq: 10 Oct 2023 13:33

Instrument :
 MSVOA_U
 ClientSampleId :

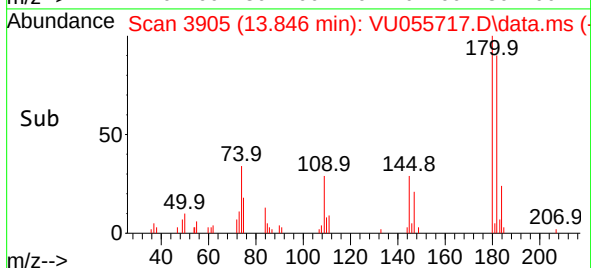
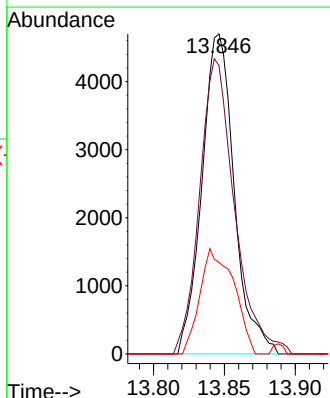
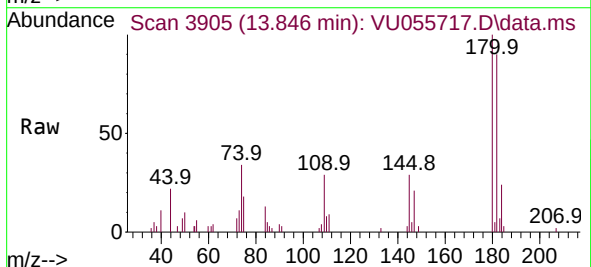


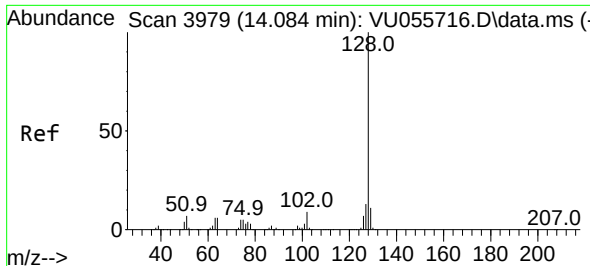
Tgt Ion:	180	Resp:	7451
Ion Ratio	Lower	Upper	
180	100		
182	99.6	76.2	114.2
184	28.1	23.9	35.9
145	34.5	25.4	38.2



#70
 1,2,4-trichlorobenzene
 Concen: 2.304 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.010 min
 Lab File: VU055717.D
 Acq: 10 Oct 2023 13:33

Tgt Ion:	180	Resp:	7451
Ion Ratio	Lower	Upper	
180	100		
182	99.6	75.4	113.2
145	34.5	26.1	39.1

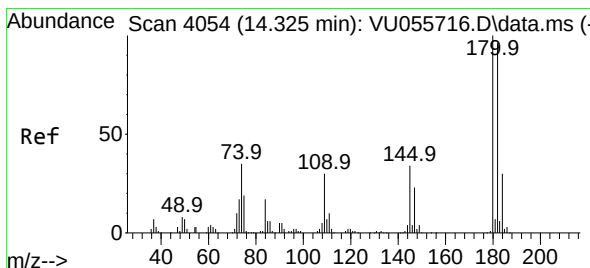
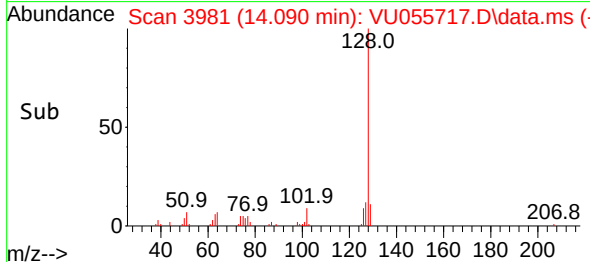
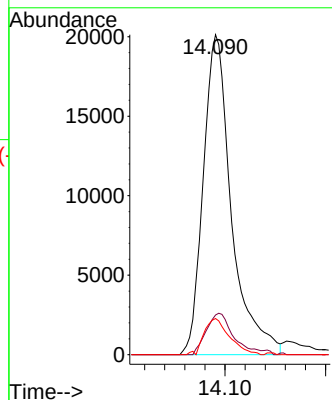
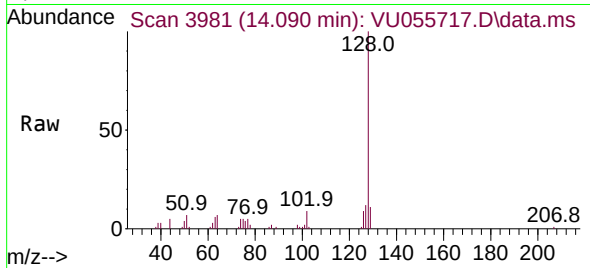




#71
Naphthalene
Concen: 4.077 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.007 min
Lab File: VU055717.D
Acq: 10 Oct 2023 13:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 39160
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 10.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.791 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.004 min
Lab File: VU055717.D
Acq: 10 Oct 2023 13:33

Tgt Ion:180 Resp: 8897
Ion Ratio Lower Upper
180 100
182 89.5 78.1 117.1
145 33.1 27.4 41.0

