

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061234.D
 Acq On : 25 Oct 2024 18:01
 Operator : MD/SY
 Sample : P4536-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 00:35:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

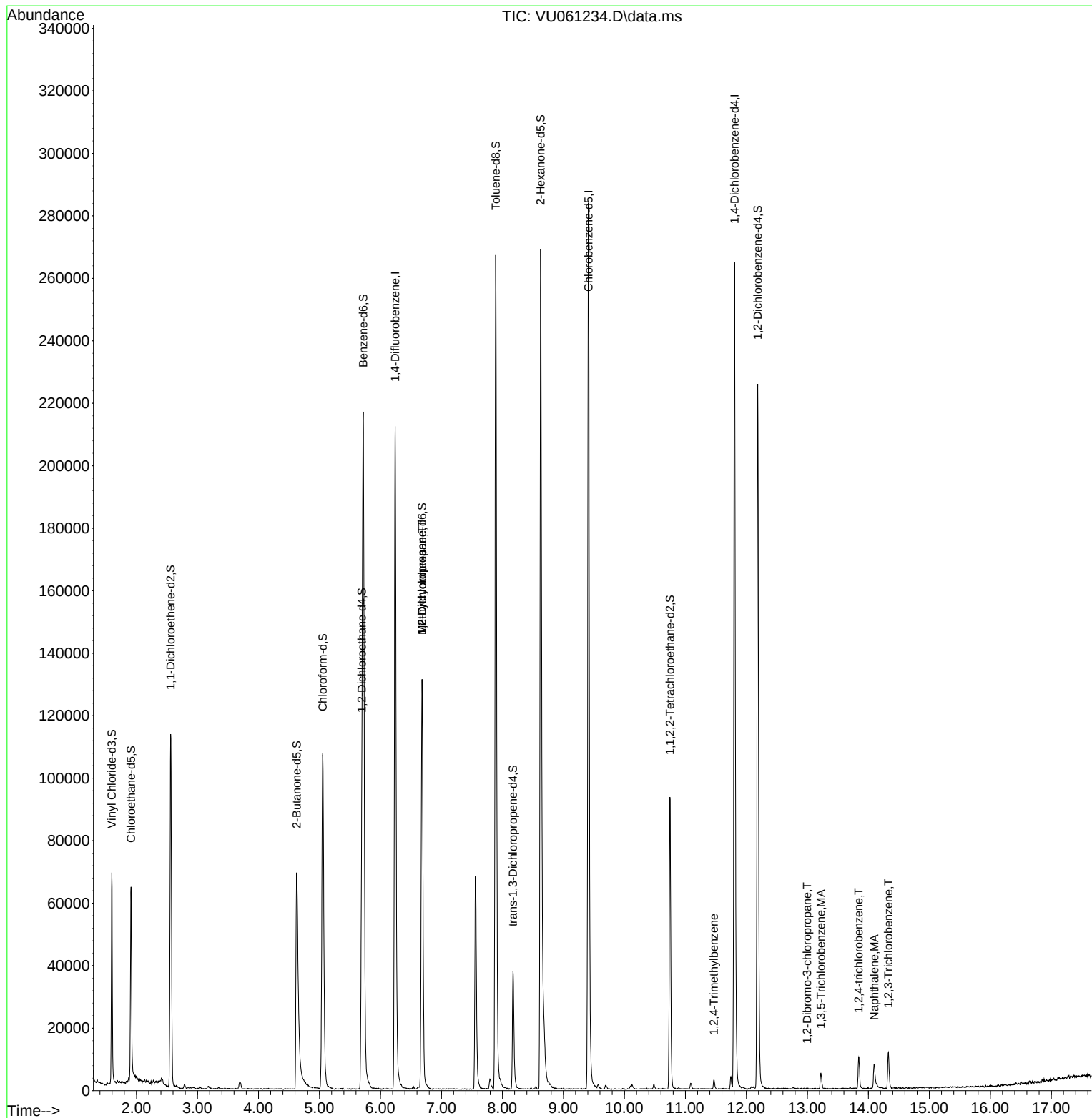
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	186025	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46491	3.679	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.911	69	43842	3.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.560	65	22057	4.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.628	46	114446	44.607	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.220%
24) Chloroform-d	5.055	84	103895	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.695	65	53432	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.718	84	214760	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	64829	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.891	98	195352	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	23870	4.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.627	63	101072	43.090	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47131	4.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	62785	4.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	14661	0.661	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	6968	0.537	ug/L #	89
63) 1,2,4-Trimethylbenzene	11.470	105	2590	0.058	ug/L	89
68) 1,2-Dibromo-3-chloropr...	12.994	75	170	0.111	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.222	180	2289	0.142	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	3975	0.306	ug/L	97
71) Naphthalene	14.097	128	10612	0.517	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.328	180	4356	0.401	ug/L	99

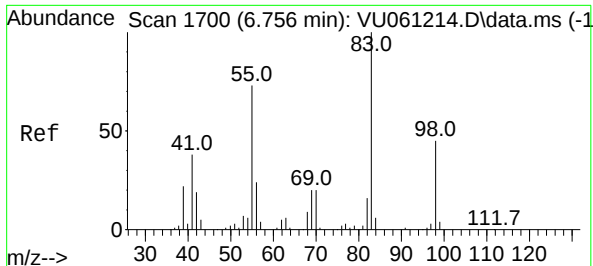
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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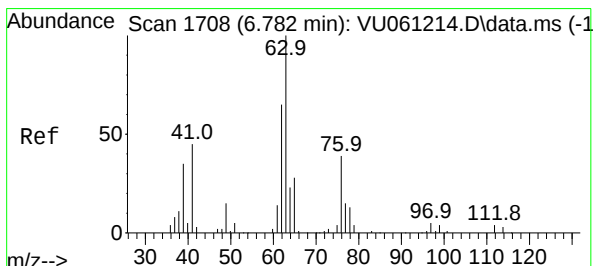
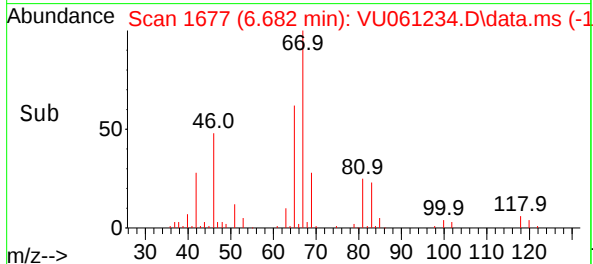
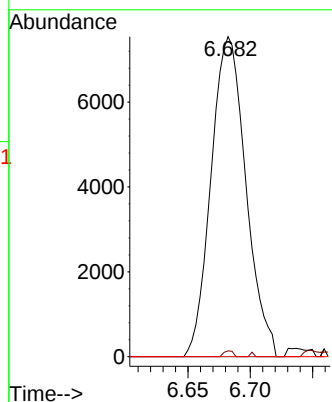
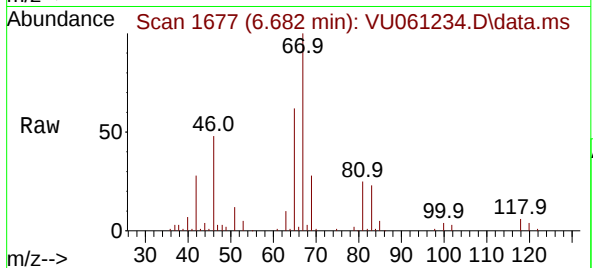




#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061234.D
Acq: 25 Oct 2024 18:01

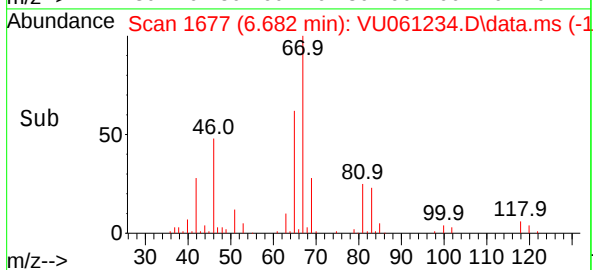
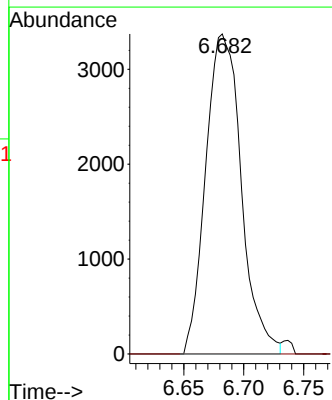
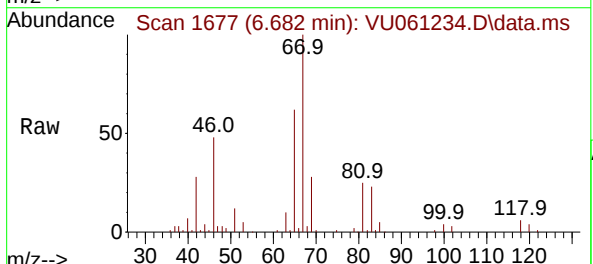
Instrument :
MSVOA_U
ClientSampleId :

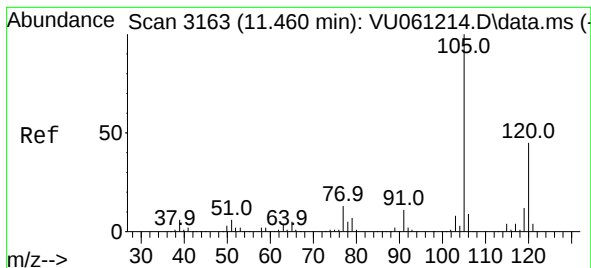
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.9	83.9#
98	0.0	35.9	53.9#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061234.D
Acq: 25 Oct 2024 18:01

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#63

1,2,4-Trimethylbenzene

Concen: 0.058 ug/L

RT: 11.470 min Scan# 3163

Delta R.T. 0.009 min

Lab File: VU061234.D

Acq: 25 Oct 2024 18:01

Instrument :

MSVOA_U

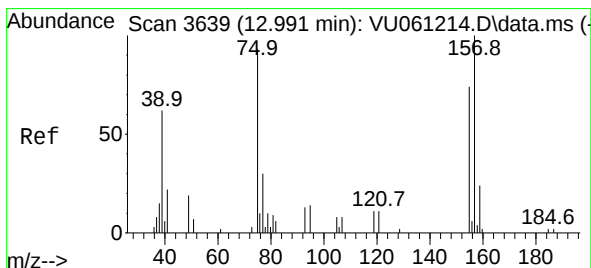
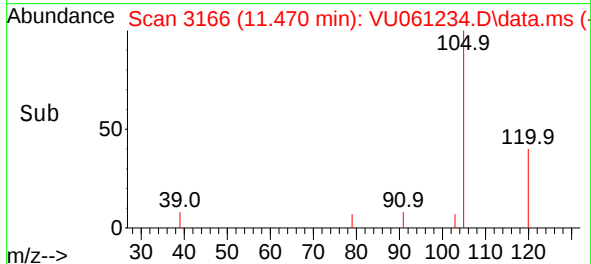
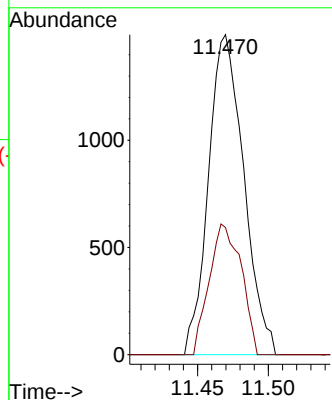
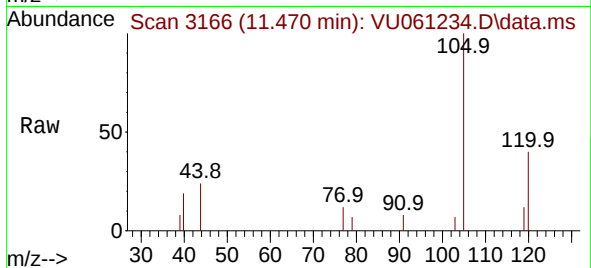
ClientSampleId :

Tgt Ion:105 Resp: 2590

Ion Ratio Lower Upper

105 100

120 36.9 35.4 53.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.111 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU061234.D

Acq: 25 Oct 2024 18:01

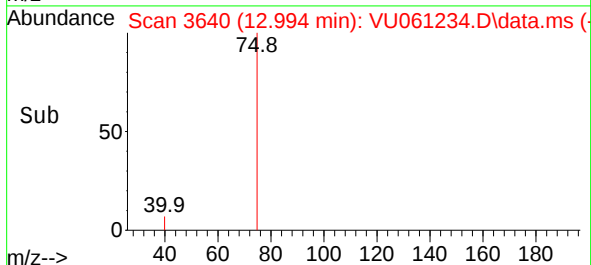
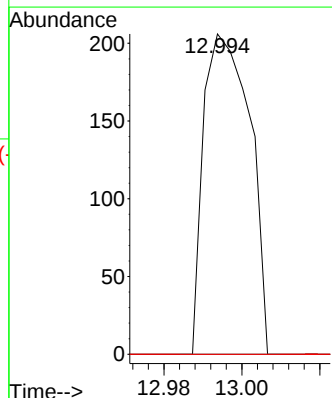
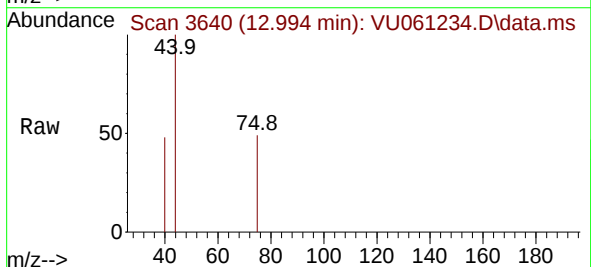
Tgt Ion: 75 Resp: 170

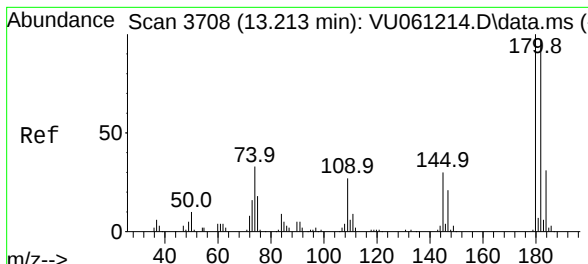
Ion Ratio Lower Upper

75 100

155 0.0 69.3 103.9#

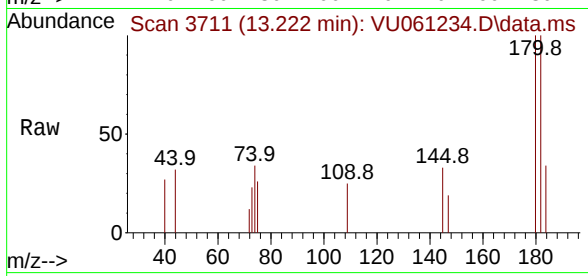
157 0.0 81.4 122.2#





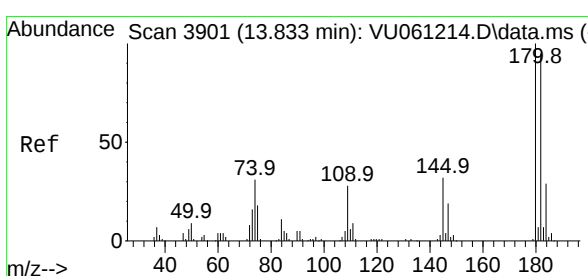
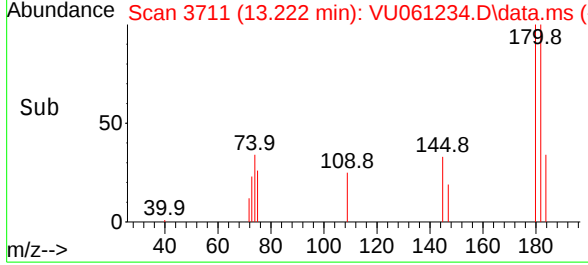
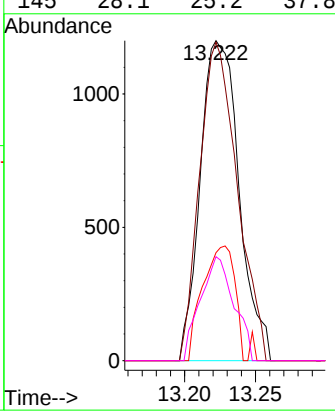
#69
 1,3,5-Trichlorobenzene
 Concen: 0.142 ug/L
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.010 min
 Lab File: VU061234.D
 Acq: 25 Oct 2024 18:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 2289

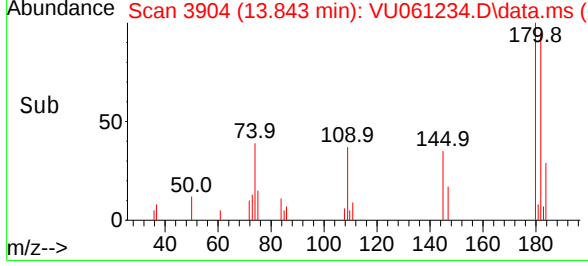
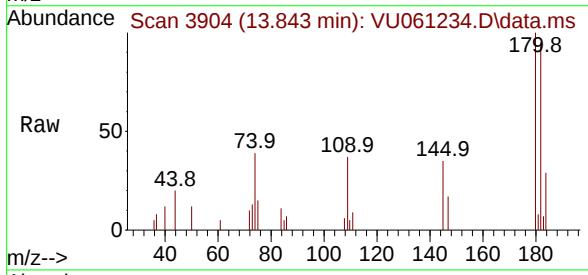
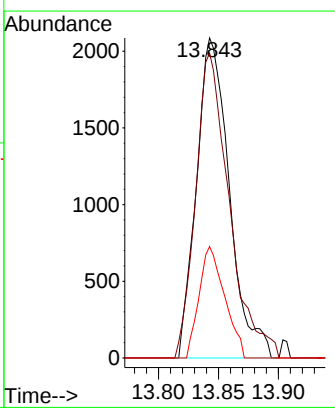
Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.4	116.2
184	29.6	24.4	36.6
145	28.1	25.2	37.8

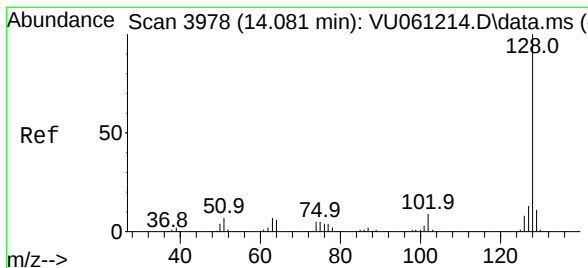


#70
 1,2,4-trichlorobenzene
 Concen: 0.306 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.010 min
 Lab File: VU061234.D
 Acq: 25 Oct 2024 18:01

Tgt Ion:180 Resp: 3975

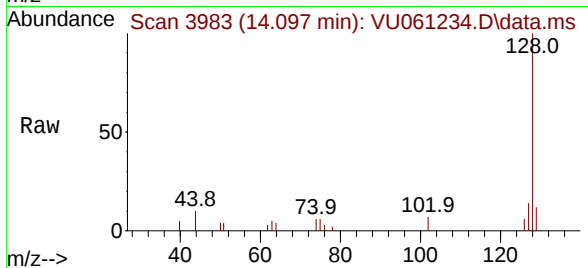
Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.2	115.8
145	27.1	25.6	38.4



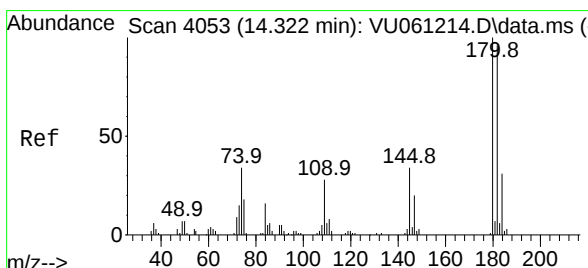
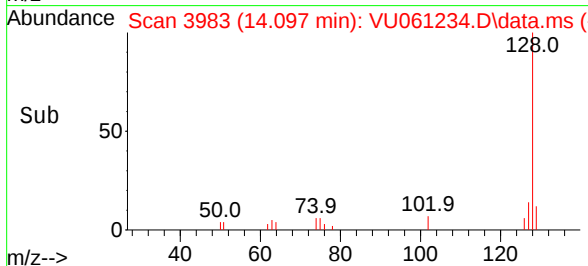
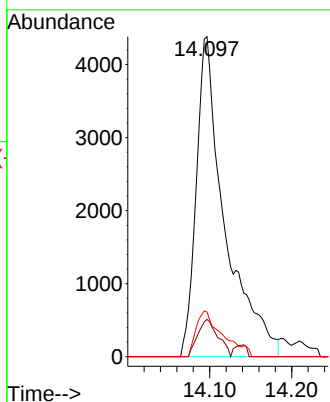


#71
Naphthalene
Concen: 0.517 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.016 min
Lab File: VU061234.D
Acq: 25 Oct 2024 18:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 10612
Ion Ratio Lower Upper
128 100
129 8.2 9.0 13.4#
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 0.401 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU061234.D
Acq: 25 Oct 2024 18:01

Tgt Ion:180 Resp: 4356
Ion Ratio Lower Upper
180 100
182 96.0 76.0 114.0
145 31.9 26.5 39.7

