

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061074.D
 Acq On : 02 Oct 2024 14:25
 Operator : MD/SY
 Sample : P4227-07 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:30:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

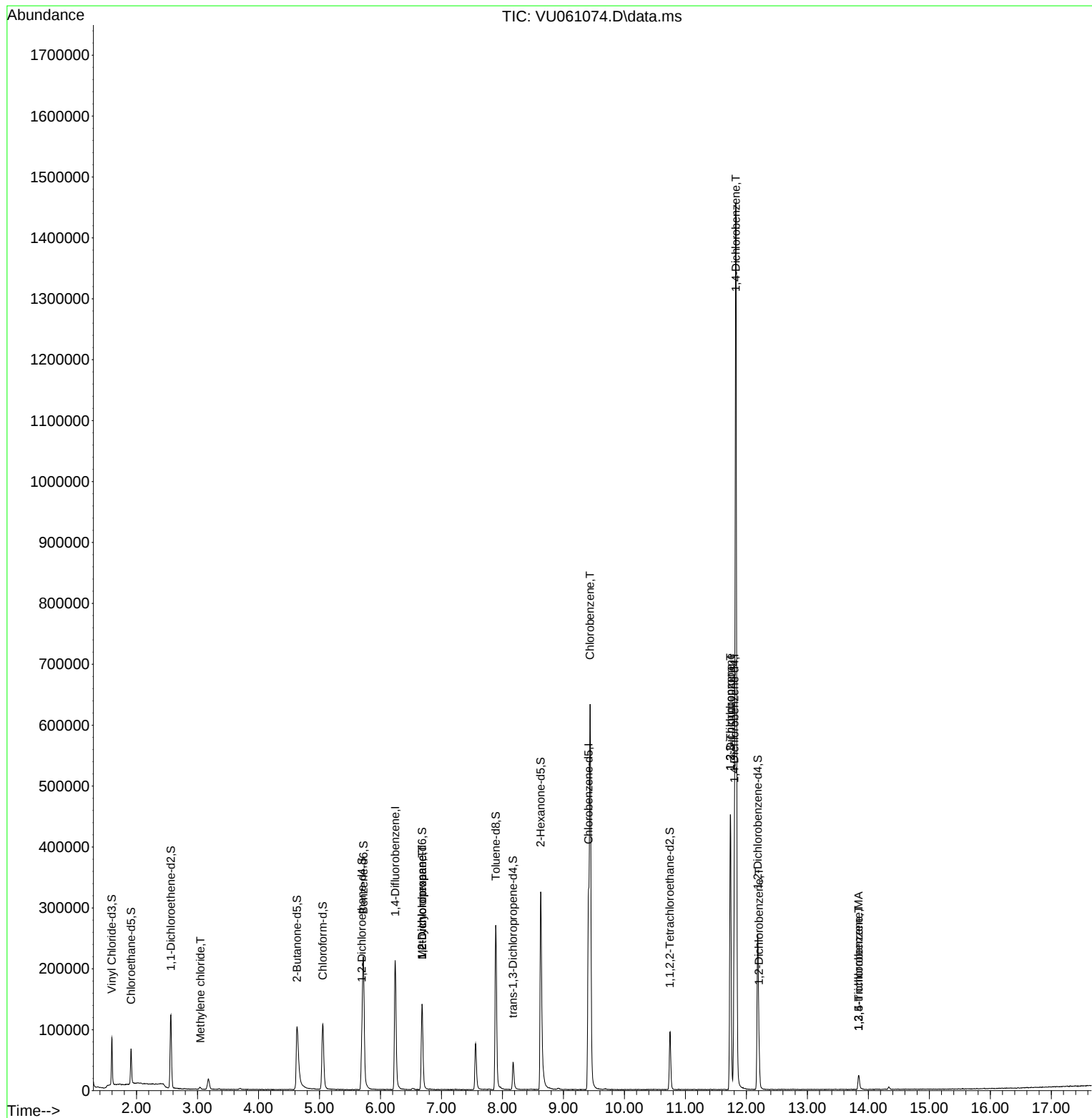
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52421	4.215	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	84.400%		
7) Chloroethane-d5	1.911	69	41191	4.425	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	88.600%		
11) 1,1-Dichloroethene-d2	2.563	65	23546	4.292	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.800%		
20) 2-Butanone-d5	4.631	46	145265	48.767	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.540%		
24) Chloroform-d	5.055	84	100978	4.607	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.200%		
26) 1,2-Dichloroethane-d4	5.695	65	55276	4.758	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.200%		
32) Benzene-d6	5.721	84	201662	4.695	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.000%		
36) 1,2-Dichloropropane-d6	6.682	67	68755	4.875	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.400%		
41) Toluene-d8	7.891	98	184998	4.608	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.200%		
43) trans-1,3-Dichloroprop...	8.174	79	28085	4.657	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.200%		
46) 2-Hexanone-d5	8.627	63	123926	49.646	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.300%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50011	4.835	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	96.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	61157	4.876	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	97.600%		
Target Compounds						Qvalue
16) Methylene chloride	3.049	84	1658	0.144	ug/L	79
35) Methylcyclohexane	6.682	83	15509	0.738	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7429	0.587	ug/L #	93
51) Chlorobenzene	9.438	112	329543	10.576	ug/L	94
61) 1,2,3-Trichloropropane	11.737	75	65589	8.511	ug/L #	48
64) 1,3-Dichlorobenzene	11.740	146	174356	7.753	ug/L	95
65) 1,4-Dichlorobenzene	11.827	146	541777	24.371	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	19504	0.938	ug/L	98
69) 1,3,5-Trichlorobenzene	13.843	180	8796	0.555	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	8796	0.725	ug/L	97

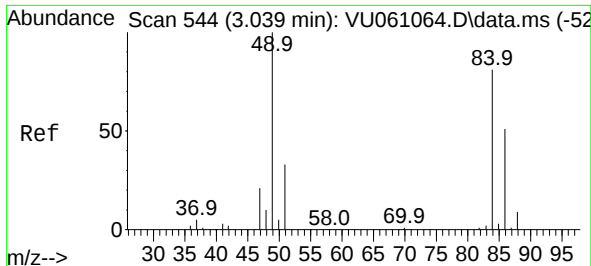
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
Data File : VU061074.D
Acq On : 02 Oct 2024 14:25
Operator : MD/SY
Sample : P4227-07 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

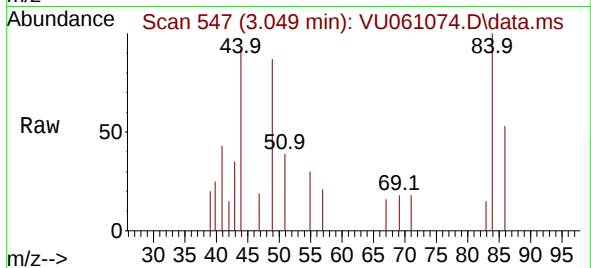
Quant Time: Oct 03 06:30:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration



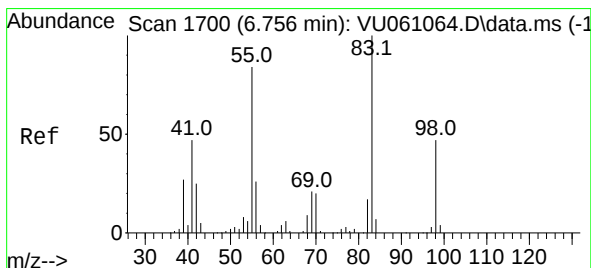
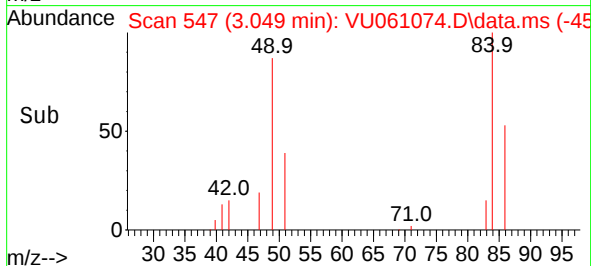
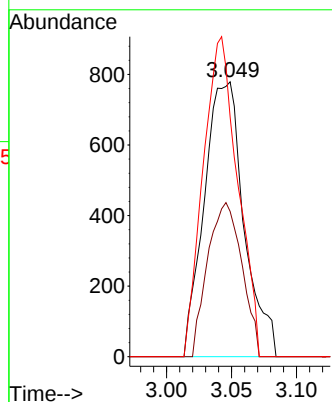


#16
Methylene chloride
Concen: 0.144 ug/L
RT: 3.049 min Scan# 544
Delta R.T. 0.009 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

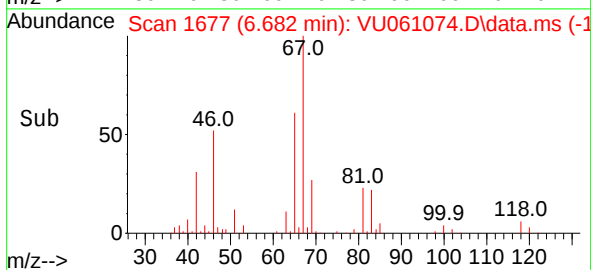
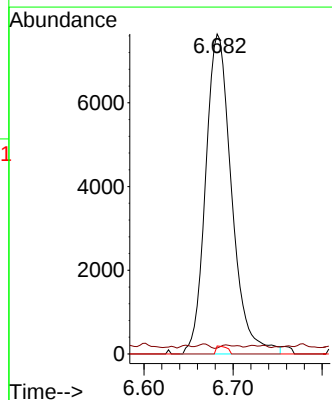
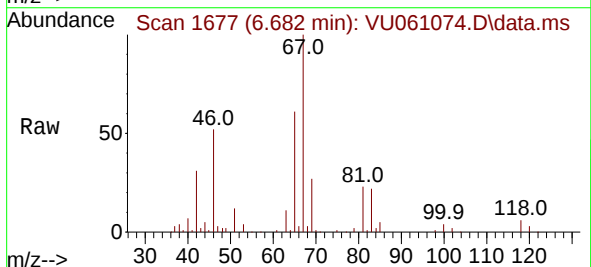


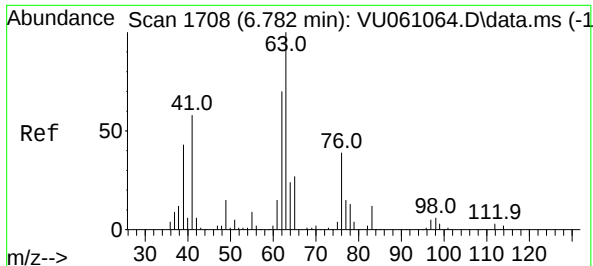
Tgt Ion: 84 Resp: 1658
Ion Ratio Lower Upper
84 100
86 52.9 47.3 87.8
49 87.3 78.7 146.1



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

Tgt Ion: 83 Resp: 15509
Ion Ratio Lower Upper
83 100
55 0.7 62.6 94.0#
98 1.0 37.6 56.4#

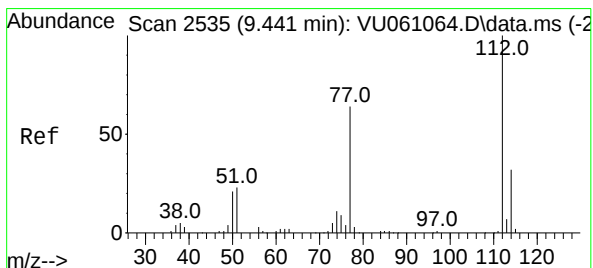
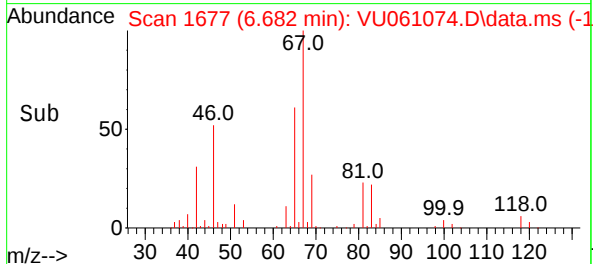
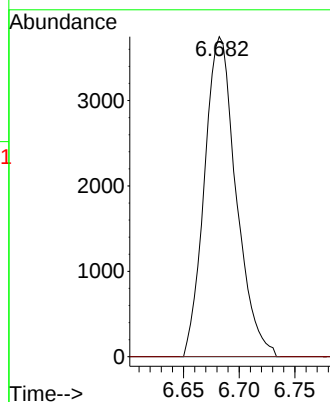
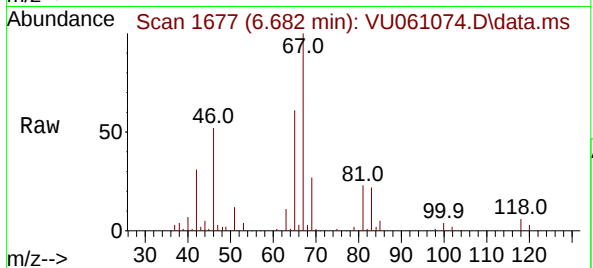




#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

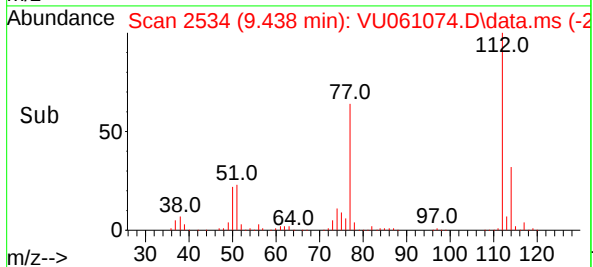
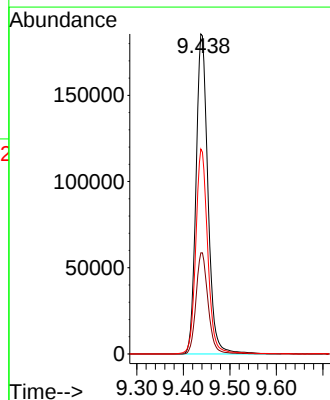
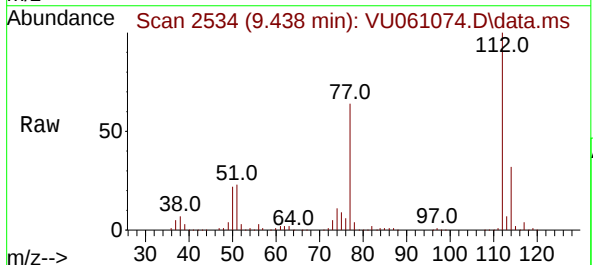
Instrument :
MSVOA_U
ClientSampleId :

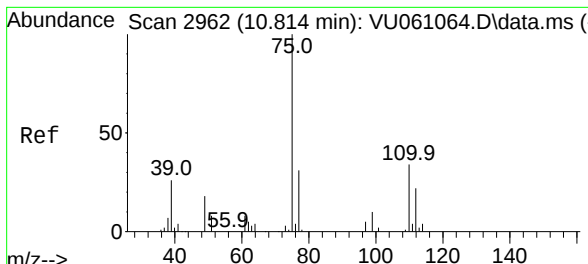
Tgt Ion: 63 Resp: 7429
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#51
Chlorobenzene
Concen: 10.576 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

Tgt Ion: 112 Resp: 329543
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 64.0 46.1 69.1

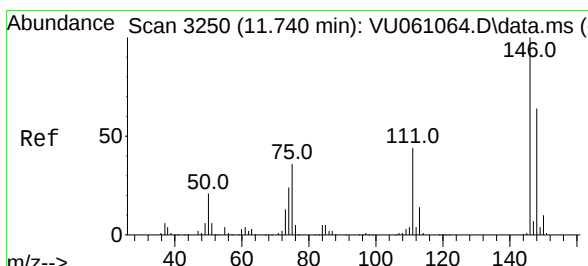
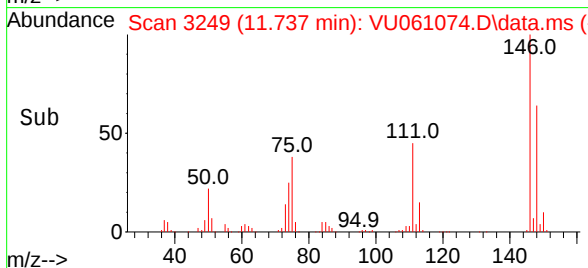
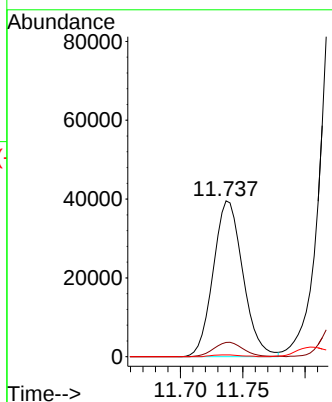
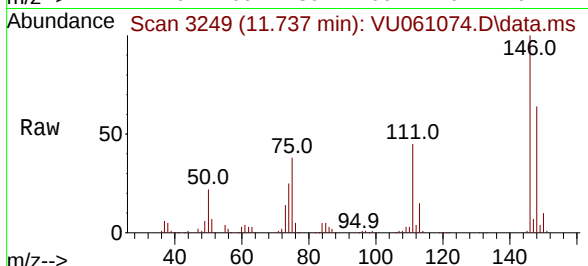




#61
 1,2,3-Trichloropropane
 Concen: 8.511 ug/L
 RT: 11.737 min Scan# 31
 Delta R.T. 0.923 min
 Lab File: VU061074.D
 Acq: 02 Oct 2024 14:25

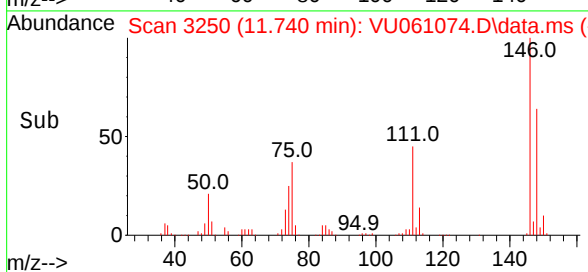
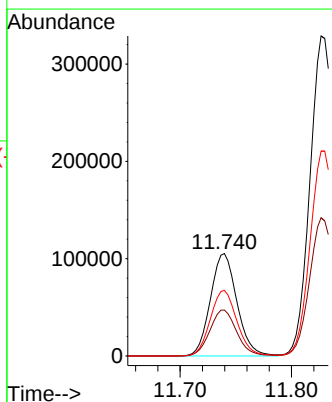
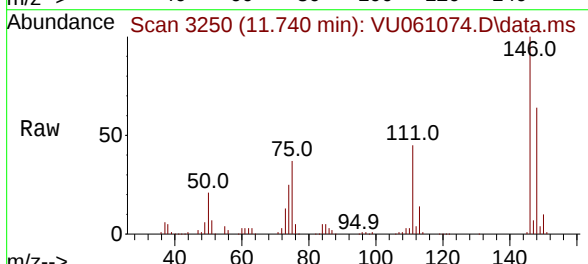
Instrument :
 MSVOA_U
 ClientSampleId :

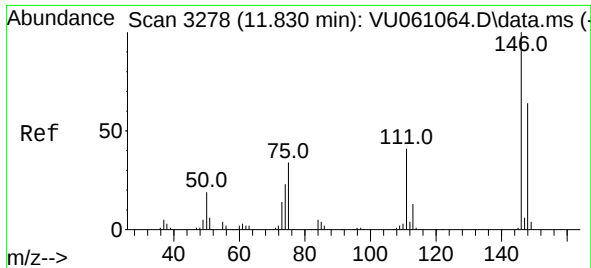
Tgt Ion: 75 Resp: 65589
 Ion Ratio Lower Upper
 75 100
 110 9.2 28.6 43.0#
 77 0.0 26.3 39.5#



#64
 1,3-Dichlorobenzene
 Concen: 7.753 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU061074.D
 Acq: 02 Oct 2024 14:25

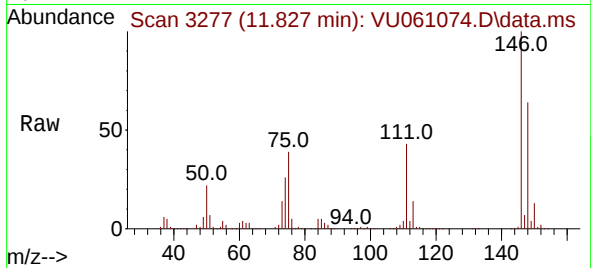
Tgt Ion:146 Resp: 174356
 Ion Ratio Lower Upper
 146 100
 111 44.8 27.5 51.1
 148 64.1 43.7 81.1



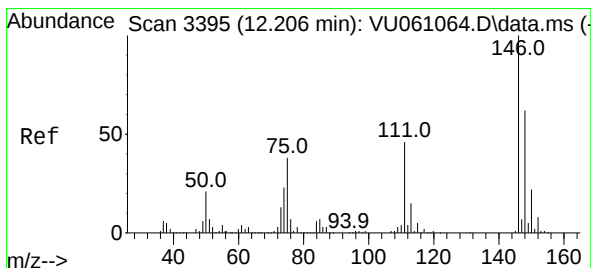
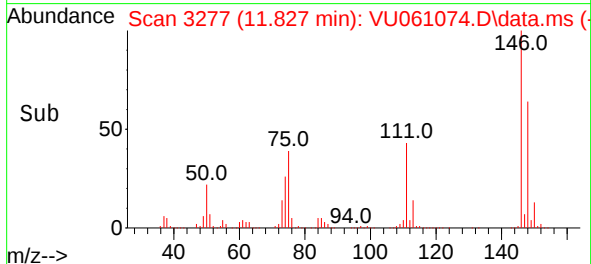
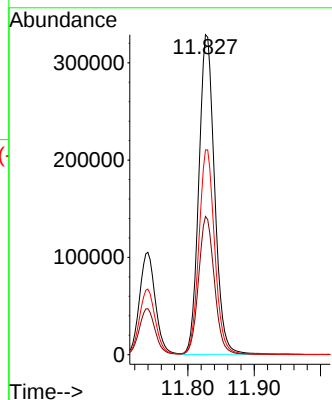


#65
1,4-Dichlorobenzene
Concen: 24.371 ug/L
RT: 11.827 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

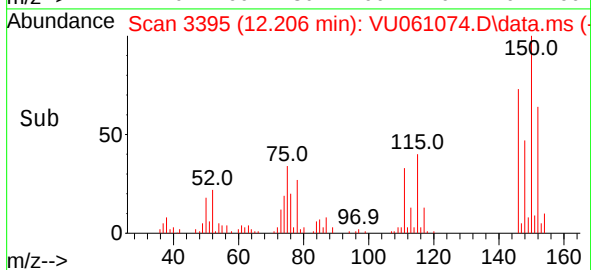
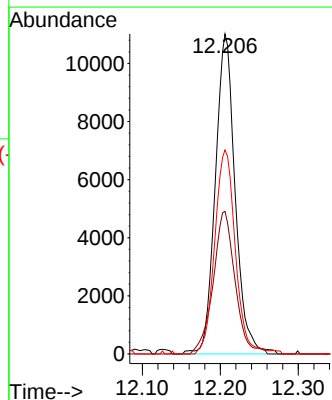
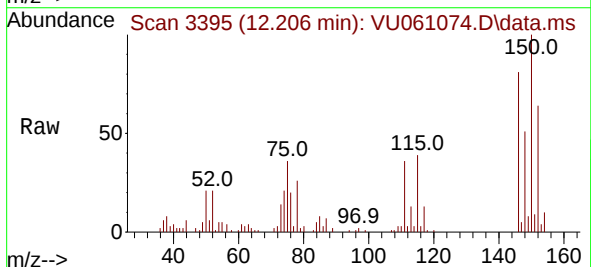


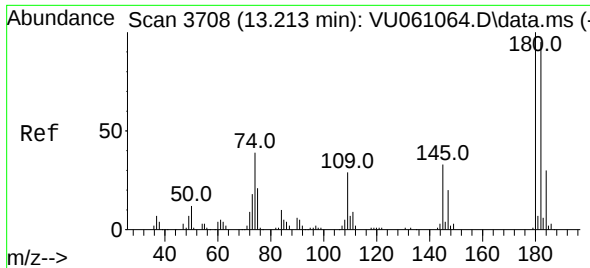
Tgt Ion:146 Resp: 541777
Ion Ratio Lower Upper
146 100
111 43.2 26.3 48.9
148 64.0 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 0.938 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU061074.D
Acq: 02 Oct 2024 14:25

Tgt Ion:146 Resp: 19504
Ion Ratio Lower Upper
146 100
111 44.5 33.4 50.0
148 63.8 50.9 76.3





#69

1,3,5-Trichlorobenzene

Concen: 0.555 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

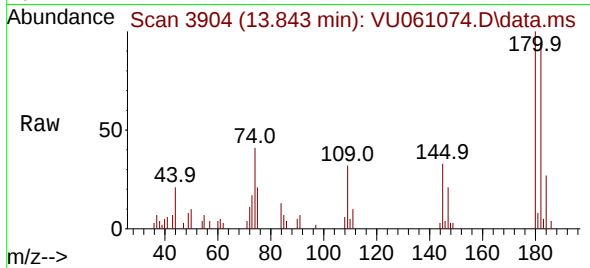
Lab File: VU061074.D

Acq: 02 Oct 2024 14:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8796

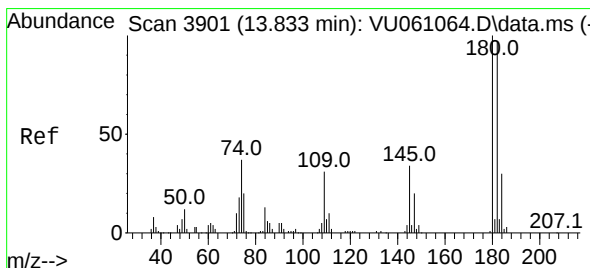
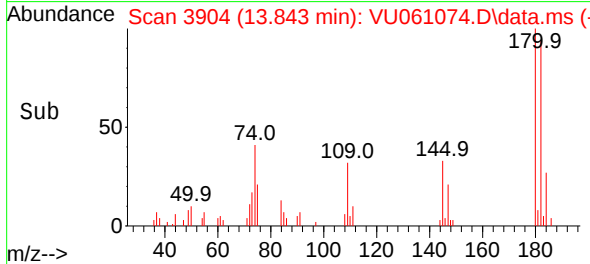
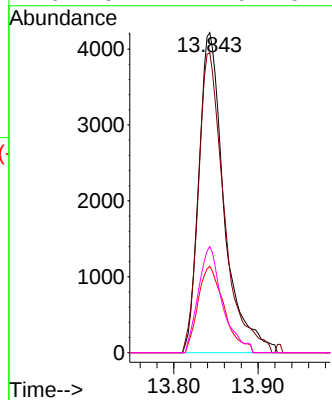
Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

184 27.9 23.2 34.8

145 31.7 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 0.725 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.009 min

Lab File: VU061074.D

Acq: 02 Oct 2024 14:25

Tgt Ion:180 Resp: 8796

Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.2

145 31.7 22.9 34.3

