

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058514.D
 Acq On : 09 Apr 2024 14:51
 Operator : MD/SY
 Sample : P1925-20DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:15:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

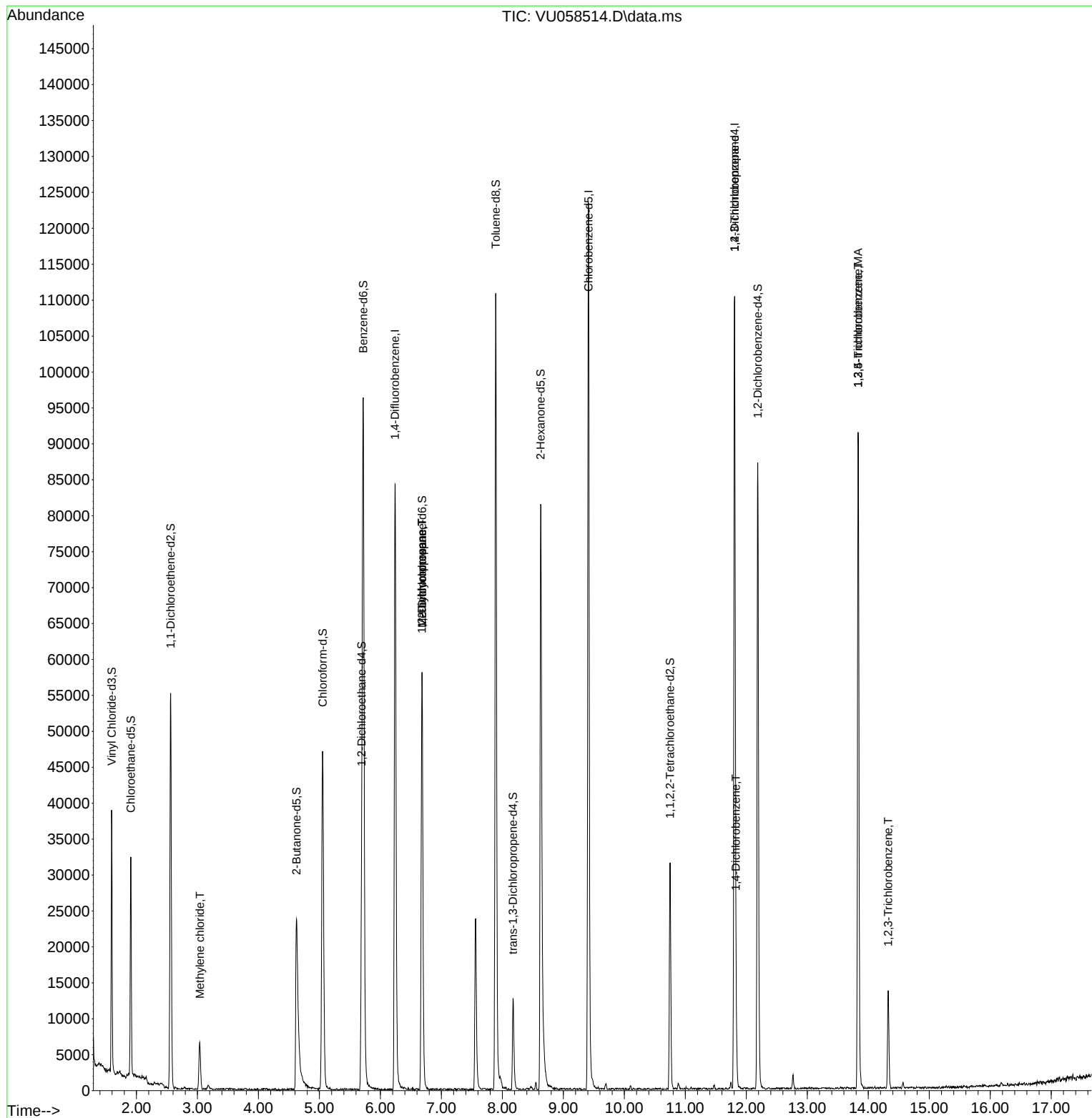
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	67883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23961	5.331	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.600%			
7) Chloroethane-d5	1.908	69	20984	5.373	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.400%			
11) 1,1-Dichloroethene-d2	2.560	65	10996	5.406	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.200%			
20) 2-Butanone-d5	4.624	46	40588	42.854	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.700%			
24) Chloroform-d	5.052	84	43832	4.886	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	5.692	65	21255	5.076	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.718	84	88877	4.963	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
36) 1,2-Dichloropropane-d6	6.682	67	27626	4.919	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.400%			
41) Toluene-d8	7.891	98	74315	4.680	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	8.174	79	7711	4.424	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.628	63	27839	38.720	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.440%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16329	4.119	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	22658	4.602	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	3108	0.487	ug/L	91
35) Methylcyclohexane	6.682	83	6207	0.678	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3114	0.491	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4950	1.660	ug/L #	66
65) 1,4-Dichlorobenzene	11.830	146	2724	0.269	ug/L	85
69) 1,3,5-Trichlorobenzene	13.833	180	27463	3.573	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	27463	4.633	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	4656	0.951	ug/L	97

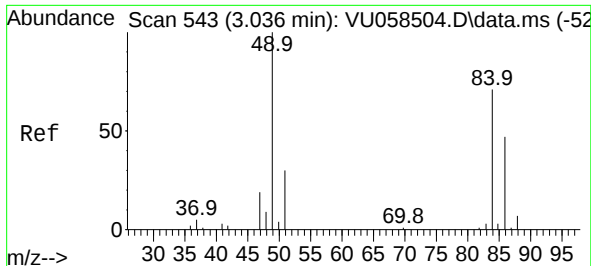
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
Data File : VU058514.D
Acq On : 09 Apr 2024 14:51
Operator : MD/SY
Sample : P1925-20DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

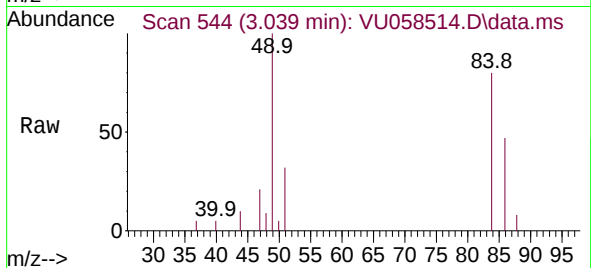
Quant Time: Apr 10 01:15:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 10 01:12:33 2024
Response via : Initial Calibration



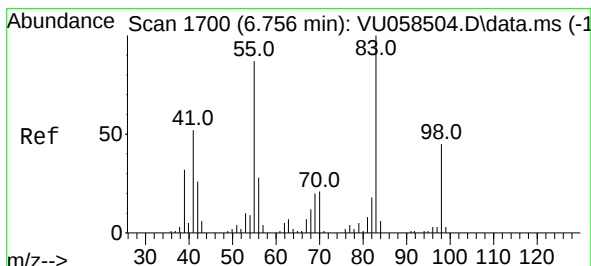
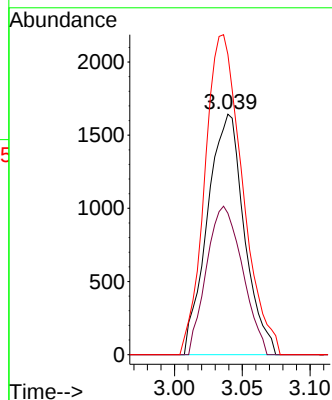
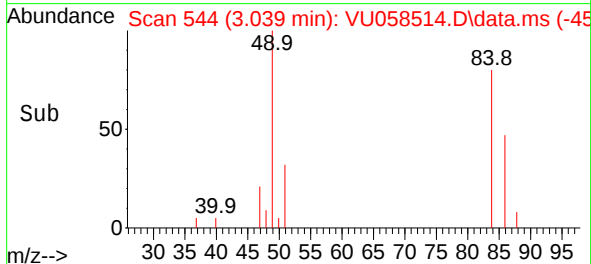


#16
Methylene chloride
Concen: 0.487 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058514.D
Acq: 09 Apr 2024 14:51

Instrument :
MSVOA_U
ClientSampleId :

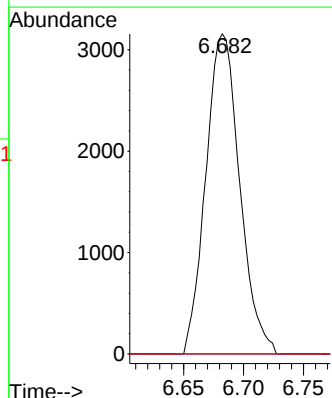
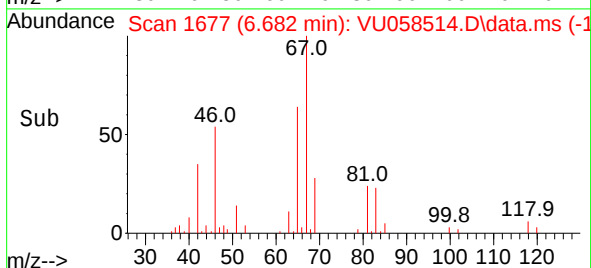
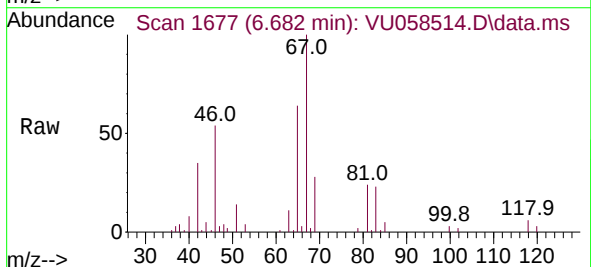


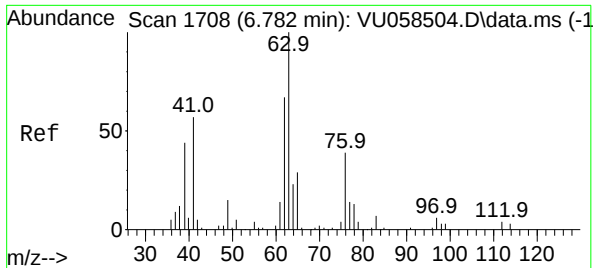
Tgt Ion: 84 Resp: 3108
Ion Ratio Lower Upper
84 100
86 58.8 44.3 82.3
49 124.8 96.0 178.2



#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058514.D
Acq: 09 Apr 2024 14:51

Tgt Ion: 83 Resp: 6207
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

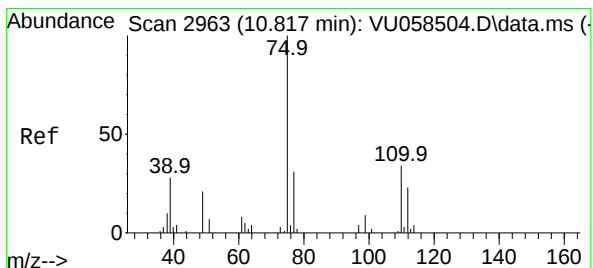
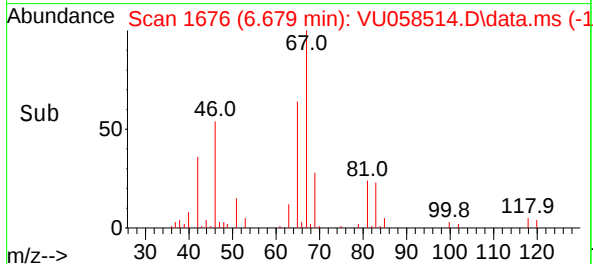
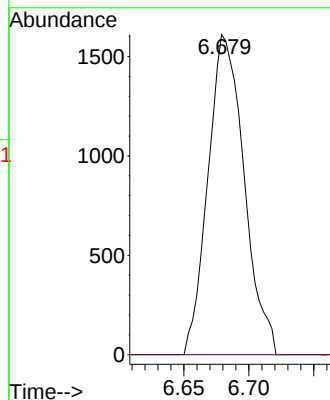
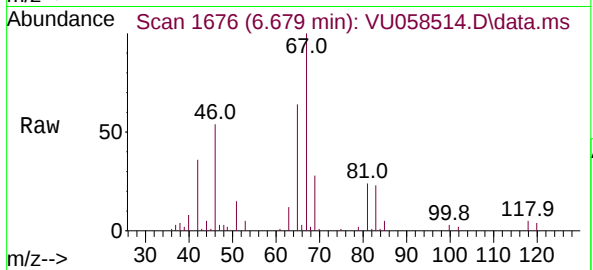




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058514.D
Acq: 09 Apr 2024 14:51

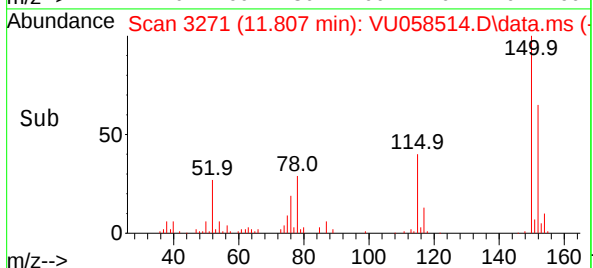
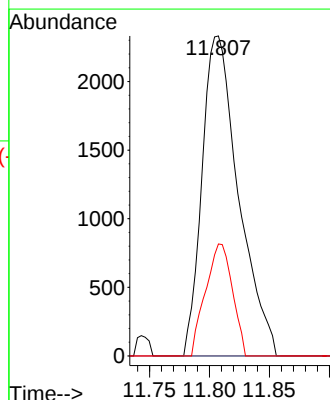
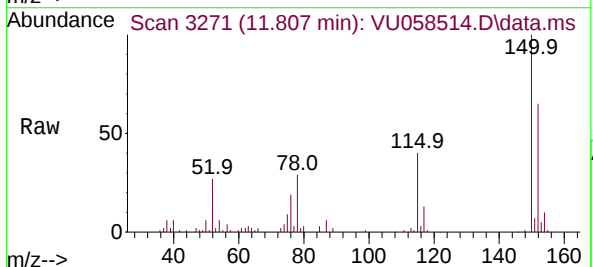
Instrument :
MSVOA_U
ClientSampleId :

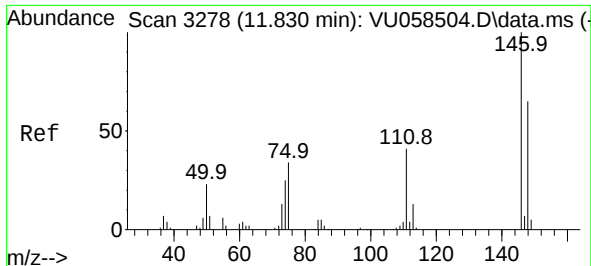
Tgt Ion: 63 Resp: 3114
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.660 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058514.D
Acq: 09 Apr 2024 14:51

Tgt Ion: 75 Resp: 4950
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 25.6 25.1 37.7





#65

1,4-Dichlorobenzene

Concen: 0.269 ug/L

RT: 11.830 min Scan# 31

Delta R.T. 0.000 min

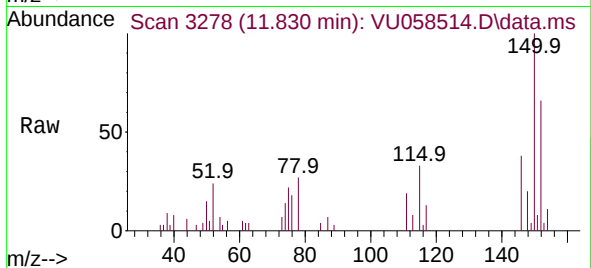
Lab File: VU058514.D

Acq: 09 Apr 2024 14:51

Instrument :

MSVOA_U

ClientSampleId :



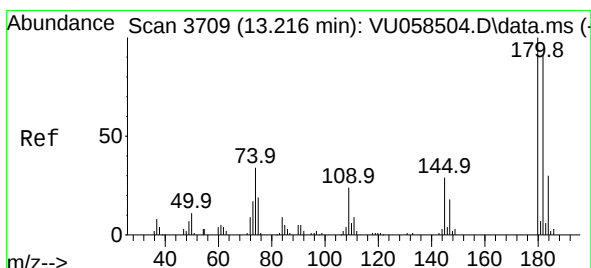
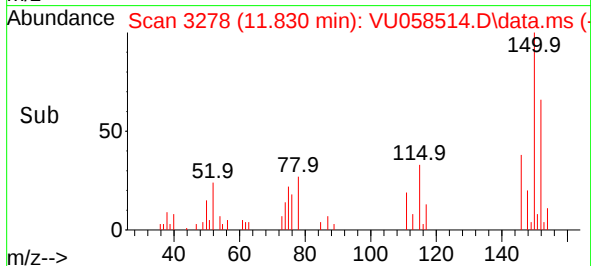
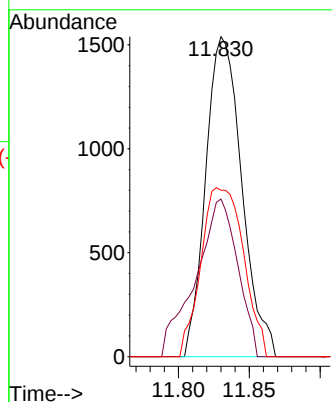
Tgt Ion:146 Resp: 2724

Ion Ratio Lower Upper

146 100

111 49.3 28.8 53.6

148 52.0 45.3 84.1



#69

1,3,5-Trichlorobenzene

Concen: 3.573 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.617 min

Lab File: VU058514.D

Acq: 09 Apr 2024 14:51

Tgt Ion:180 Resp: 27463

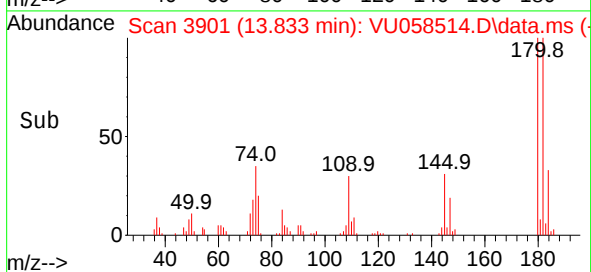
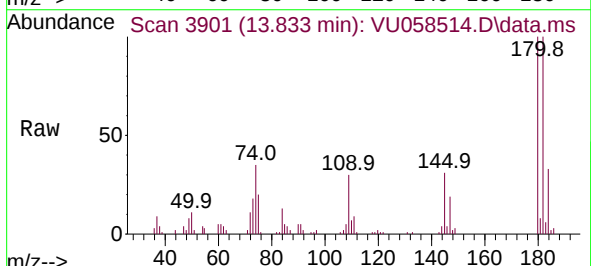
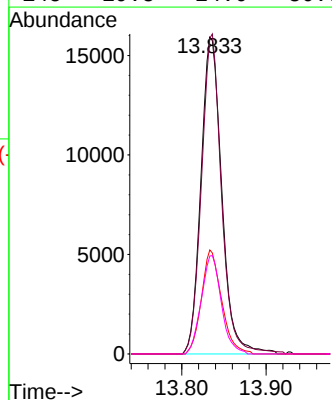
Ion Ratio Lower Upper

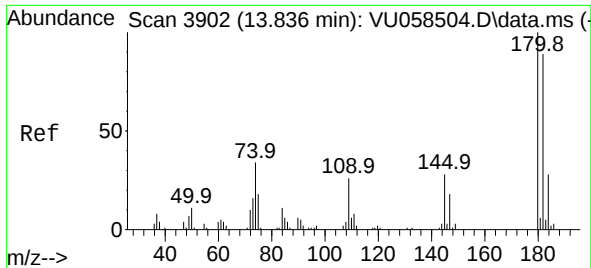
180 100

182 96.7 75.7 113.5

184 31.7 24.3 36.5

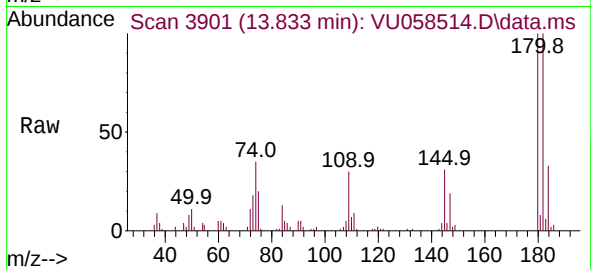
145 29.8 24.0 36.0



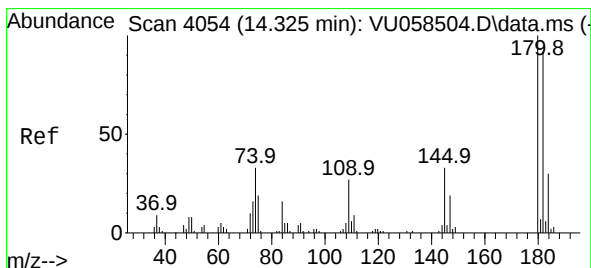
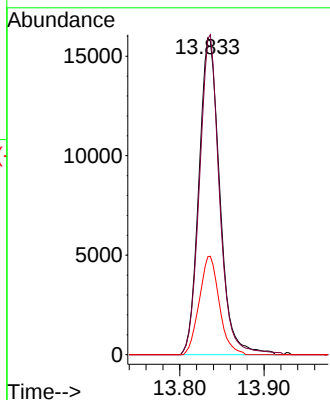
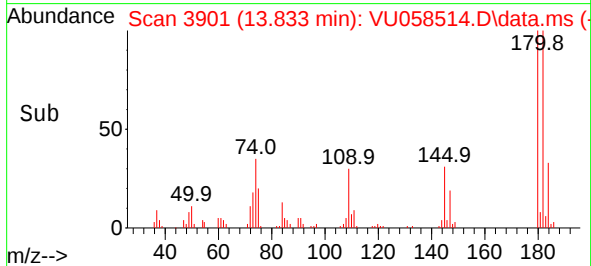


#70
1,2,4-trichlorobenzene
Concen: 4.633 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU058514.D
Acq: 09 Apr 2024 14:51

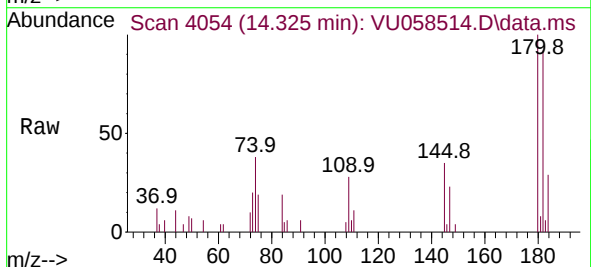
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 27463
Ion Ratio Lower Upper
180 100
182 96.7 74.4 111.6
145 29.8 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 0.951 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058514.D
Acq: 09 Apr 2024 14:51



Tgt Ion:180 Resp: 4656
Ion Ratio Lower Upper
180 100
182 98.1 75.9 113.9
145 32.6 25.2 37.8

