

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057851.D
 Acq On : 07 Feb 2024 19:45
 Operator : MD/SY
 Sample : P1081-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 08 01:30:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:18:21 2024
 Response via : Initial Calibration

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

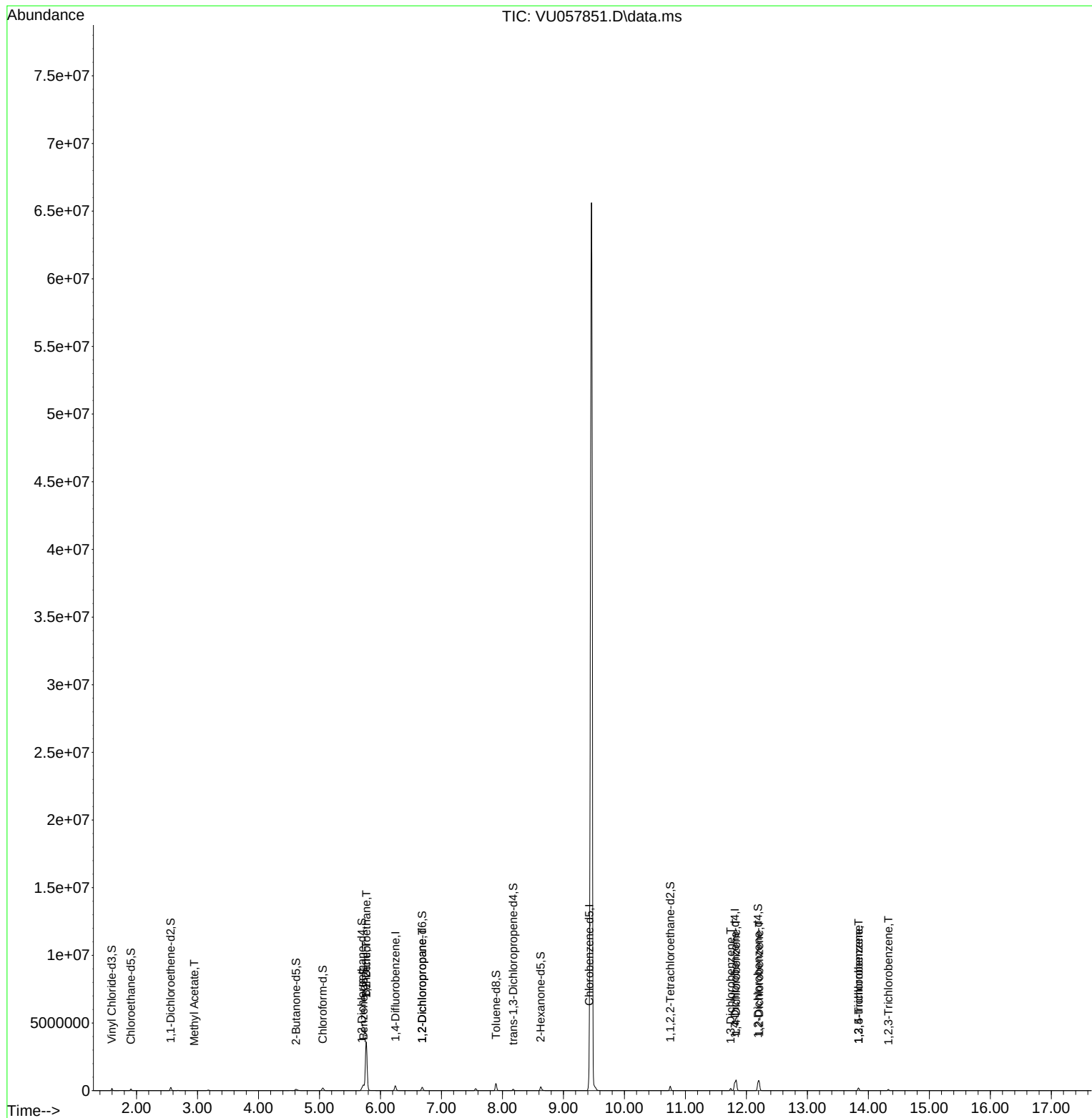
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	284732	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.422	117	275108	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	139246	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	112027	49.156	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.320%		
7) Chloroethane-d5	1.907	69	84946	48.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.100%		
11) 1,1-Dichloroethene-d2	2.560	63	144179	34.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.900%		
21) 2-Butanone-d5	4.615	46	98885	78.182	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.180%		
24) Chloroform-d	5.055	84	183873	45.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.960%		
26) 1,2-Dichloroethane-d4	5.695	65	123998	48.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
32) Benzene-d6	5.721	84	380494	45.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.560%		
36) 1,2-Dichloropropane-d6	6.685	67	120448	45.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.780%		
41) Toluene-d8	7.894	98	344299	45.695	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.400%		
43) trans-1,3-Dichloroprop...	8.177	79	59135	46.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.120%		
47) 2-Hexanone-d5	8.627	63	102406	95.590	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.590%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	160740	47.047	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.100%		
66) 1,2-Dichlorobenzene-d4	12.190	152	129217	48.302	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.600%		
Target Compounds						Qvalue
15) Methyl Acetate	2.946	43	8003	3.872	ug/L	98
27) 1,2-Dichloroethane	5.769	62	31905	9.812	ug/L #	76
33) Benzene	5.766	78	3392585	389.558	ug/L	100
37) 1,2-Dichloropropane	6.685	63	13521	5.663	ug/L #	88
64) 1,3-Dichlorobenzene	11.743	146	64069	14.536	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	283747	62.764	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	236976	53.335	ug/L	97
69) 1,3,5-Trichlorobenzene	13.839	180	57876	18.644	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	57876	21.825	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	26125	10.529	ug/L	97

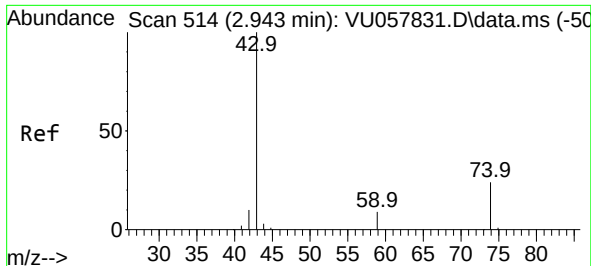
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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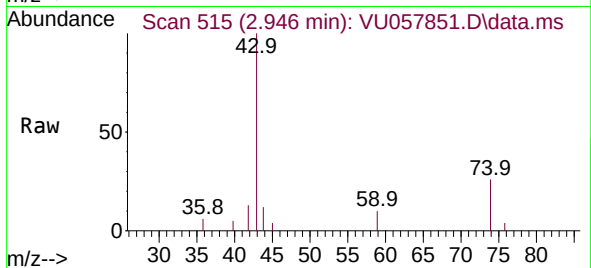
Quant Time: Feb 08 01:30:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 08 01:18:21 2024
Response via : Initial Calibration



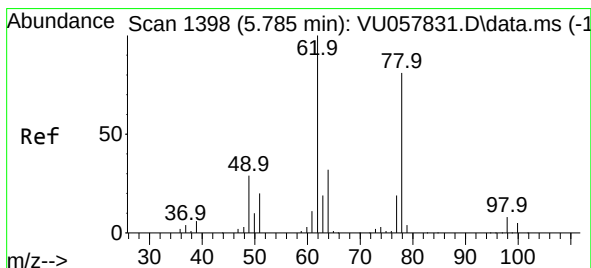
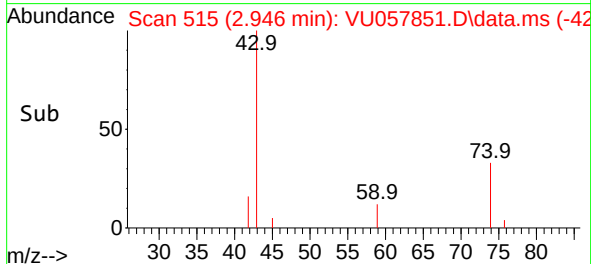
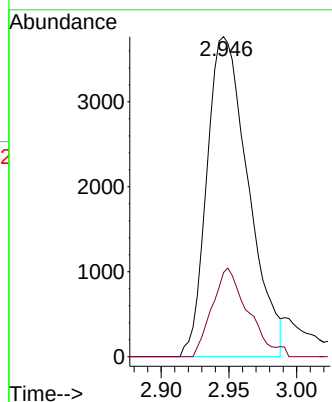


#15
Methyl Acetate
Concen: 3.872 ug/L
RT: 2.946 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU057851.D
Acq: 07 Feb 2024 19:45

Instrument :
MSVOA_U
ClientSampleId :

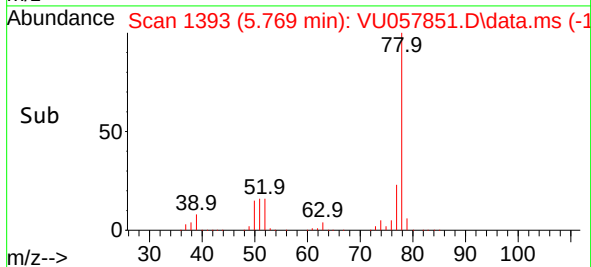
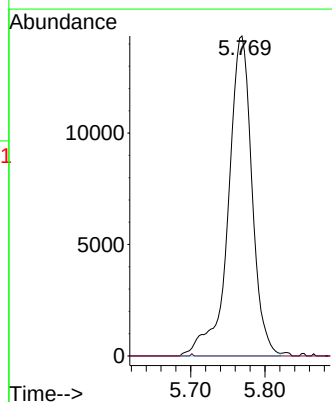
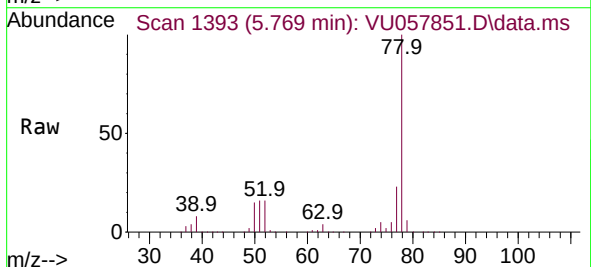


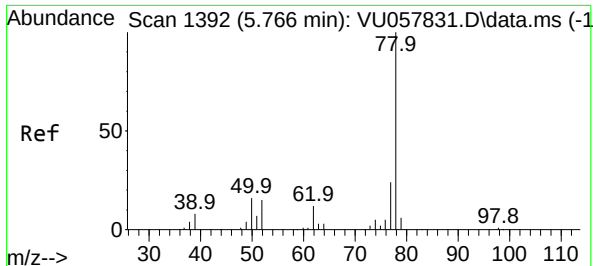
Tgt Ion: 43 Resp: 8003
Ion Ratio Lower Upper
43 100
74 23.5 19.7 29.5



#27
1,2-Dichloroethane
Concen: 9.812 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.016 min
Lab File: VU057851.D
Acq: 07 Feb 2024 19:45

Tgt Ion: 62 Resp: 31905
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

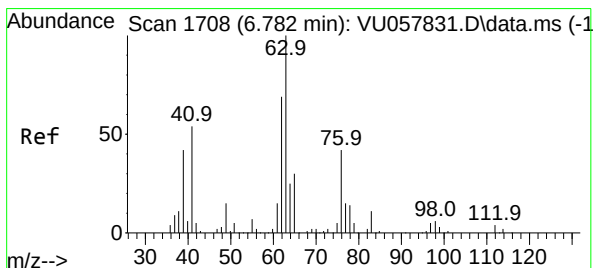
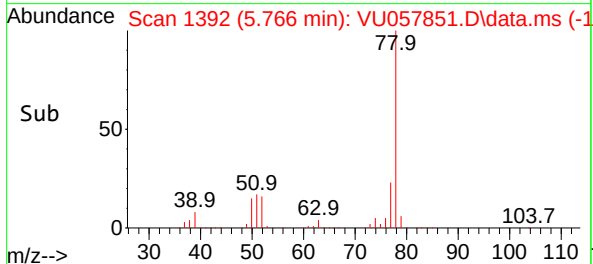
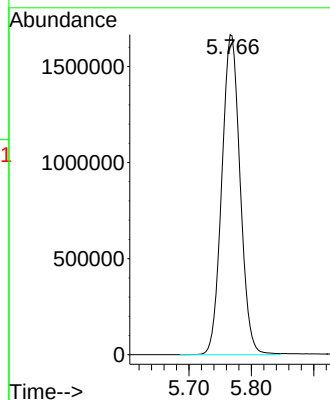
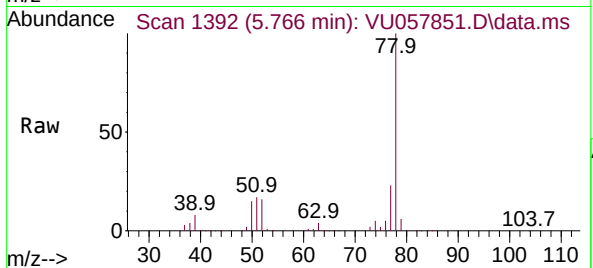




#33
Benzene
Concen: 389.558 ug/L
RT: 5.766 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057851.D
Acq: 07 Feb 2024 19:45

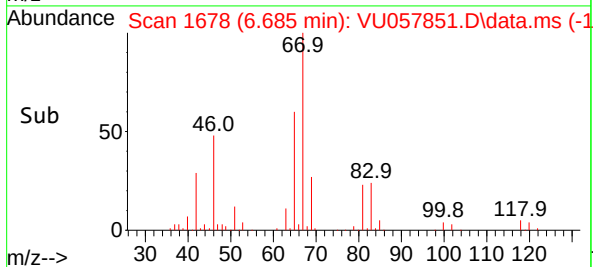
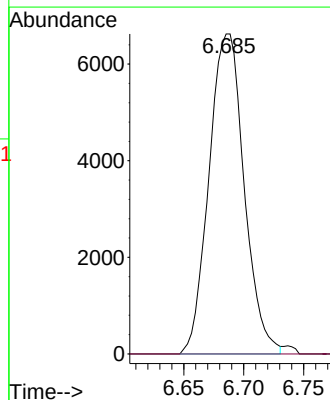
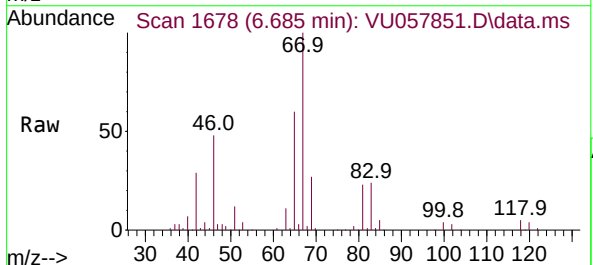
Instrument :
MSVOA_U
ClientSampleId :

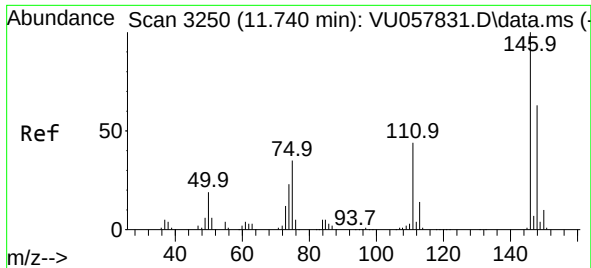
Tgt Ion: 78 Resp: 3392585



#37
1,2-Dichloropropane
Concen: 5.663 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU057851.D
Acq: 07 Feb 2024 19:45

Tgt Ion: 63 Resp: 13521
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

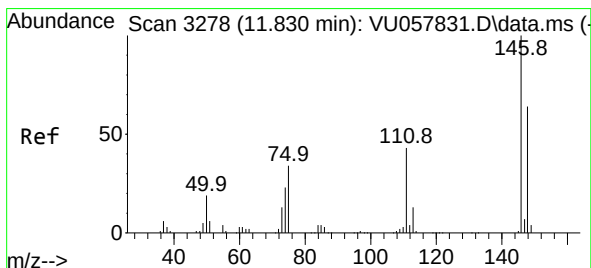
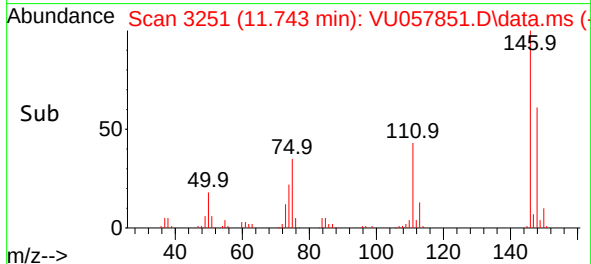
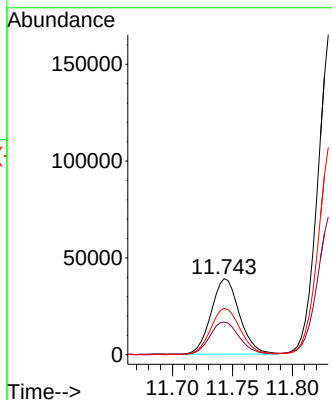
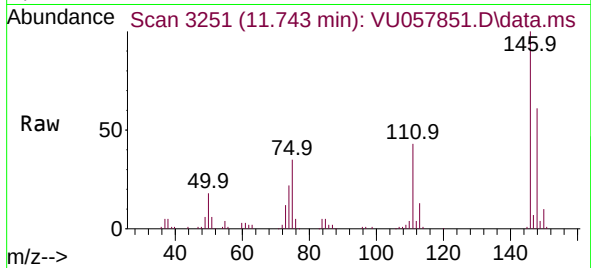




#64
1,3-Dichlorobenzene
Concen: 14.536 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057851.D
Acq: 07 Feb 2024 19:45

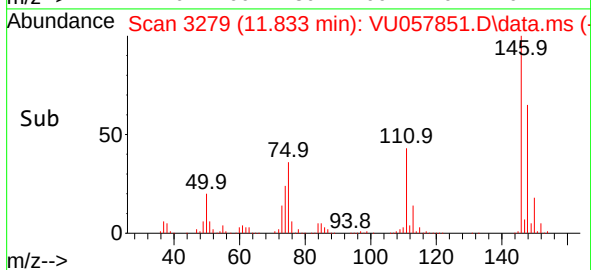
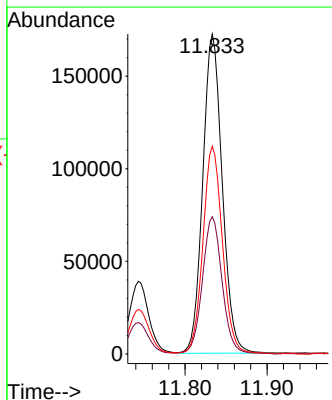
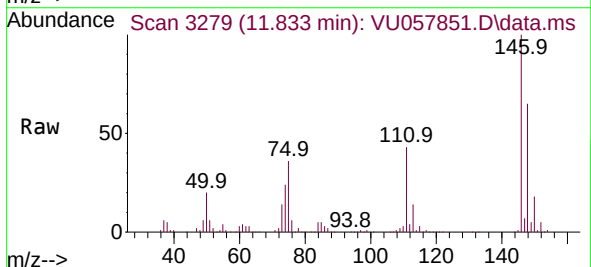
Instrument :
MSVOA_U
ClientSampleId :

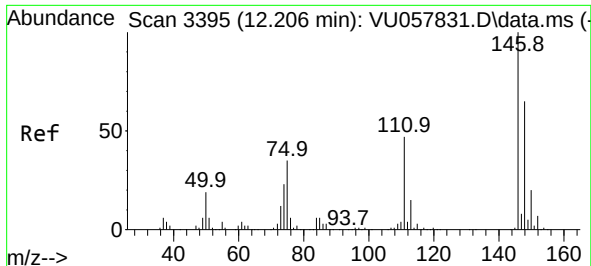
Tgt Ion:146 Resp: 64069
Ion Ratio Lower Upper
146 100
111 40.3 31.1 57.7
148 61.2 46.8 86.8



#65
1,4-Dichlorobenzene
Concen: 62.764 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057851.D
Acq: 07 Feb 2024 19:45

Tgt Ion:146 Resp: 283747
Ion Ratio Lower Upper
146 100
111 42.9 30.5 56.7
148 64.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 53.335 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057851.D

Acq: 07 Feb 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :

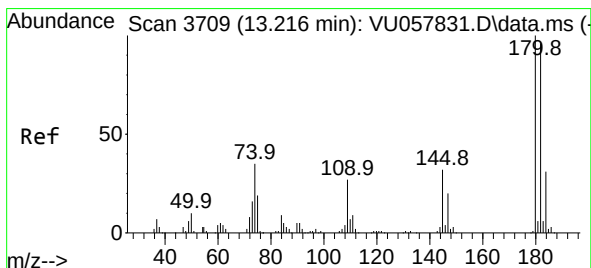
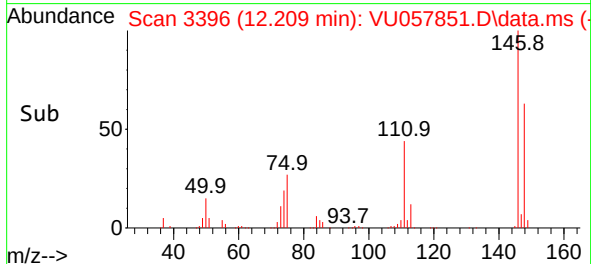
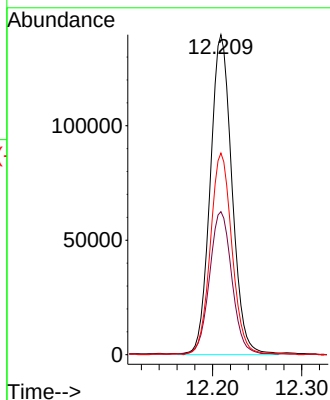
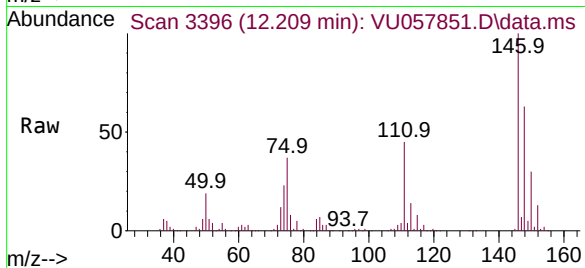
Tgt Ion:146 Resp: 236976

Ion Ratio Lower Upper

146 100

111 44.7 37.8 56.8

148 63.0 51.7 77.5



#69

1,3,5-Trichlorobenzene

Concen: 18.644 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.624 min

Lab File: VU057851.D

Acq: 07 Feb 2024 19:45

Tgt Ion:180 Resp: 57876

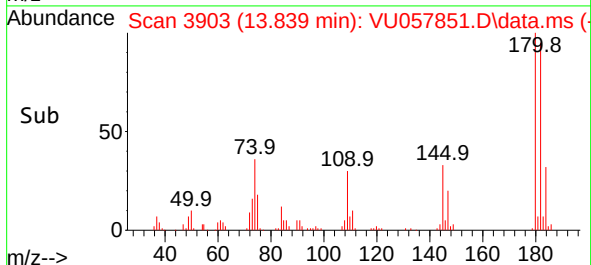
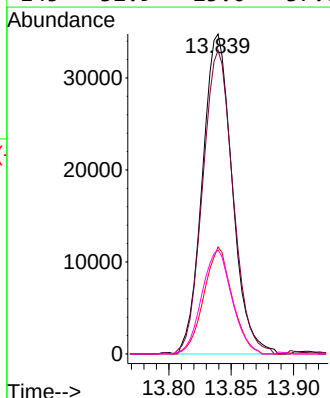
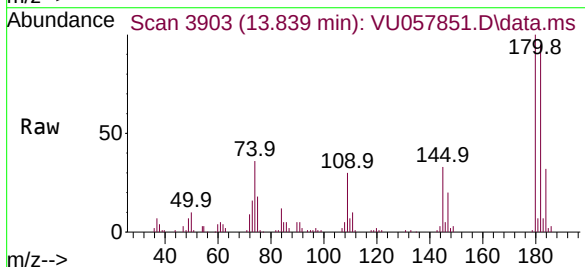
Ion Ratio Lower Upper

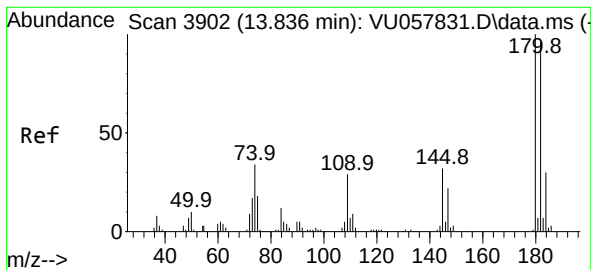
180 100

182 96.3 76.0 114.0

184 31.7 24.3 36.5

145 32.9 25.0 37.6





#70

1,2,4-trichlorobenzene

Concen: 21.825 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

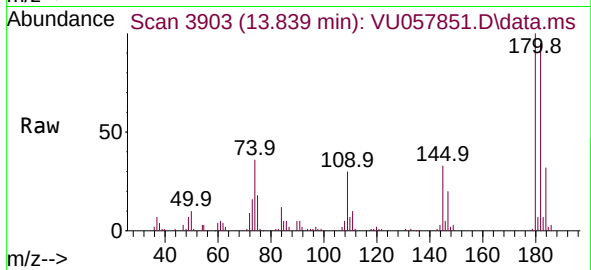
Lab File: VU057851.D

Acq: 07 Feb 2024 19:45

Instrument :

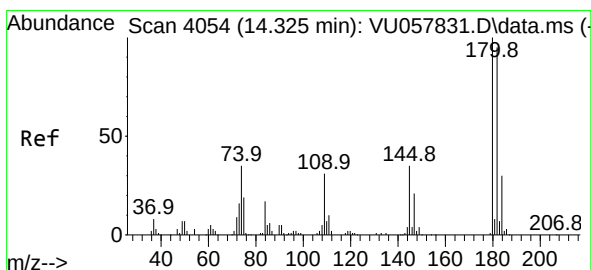
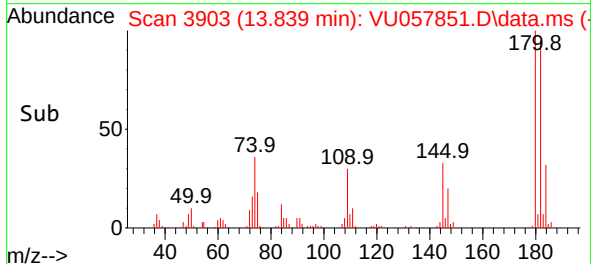
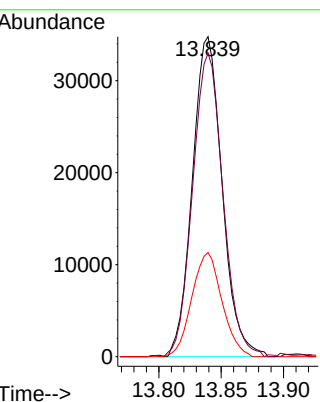
MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 57876

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.0	114.0
145	32.9	25.5	38.3



#72

1,2,3-Trichlorobenzene

Concen: 10.529 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057851.D

Acq: 07 Feb 2024 19:45

Tgt Ion:180 Resp: 26125

Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.6	114.8
145	32.9	27.7	41.5

