

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042324\
 Data File : VU058781.D
 Acq On : 23 Apr 2024 12:35
 Operator : MD/SY
 Sample : P2202-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 00:36:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 24 00:34:42 2024
 Response via : Initial Calibration

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

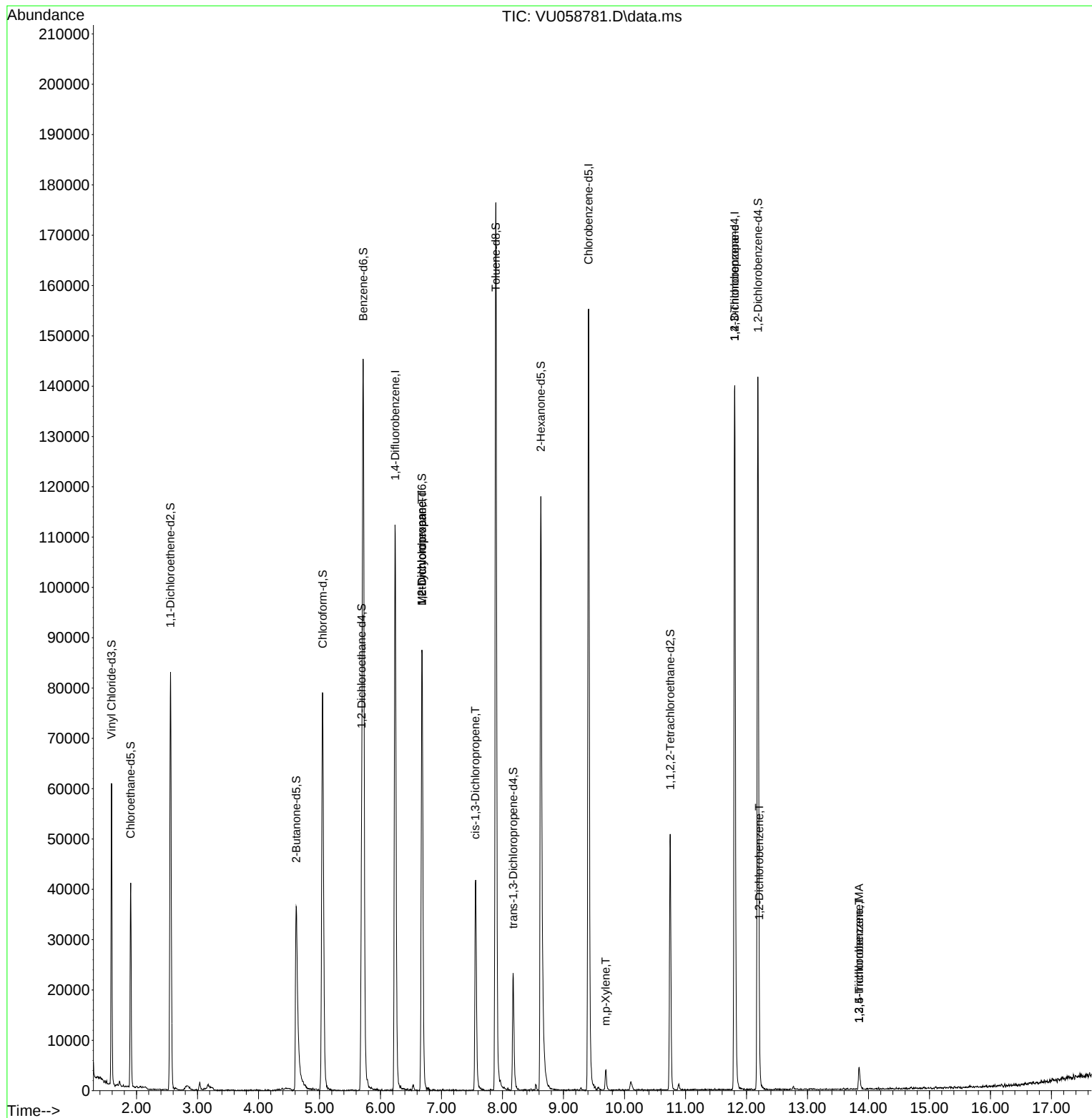
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	40970	5.929	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.600%
7) Chloroethane-d5	1.904	69	27042	5.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.557	65	16538	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.621	46	56082	46.196	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.400%
24) Chloroform-d	5.052	84	70251	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.692	65	36220	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.717	84	133453	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.679	67	39638	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	119511	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	14969	5.051	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	41046	46.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	25053	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	36581	5.600	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
35) Methylcyclohexane	6.679	83	9675	0.789	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	4892	0.631	ug/L #	89
39) cis-1,3-Dichloropropene	7.557	75	1311	0.122	ug/L	96
53) m,p-Xylene	9.692	106	1251	0.101	ug/L	84
61) 1,2,3-Trichloropropane	11.807	75	4982	1.460	ug/L #	67
67) 1,2-Dichlorobenzene	12.209	146	1350	0.122	ug/L	87
69) 1,3,5-Trichlorobenzene	13.846	180	2168	0.236	ug/L #	93
70) 1,2,4-trichlorobenzene	13.846	180	2168	0.340	ug/L #	95

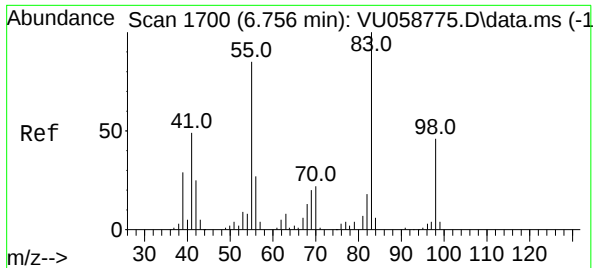
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 24 00:34:42 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU058781.D

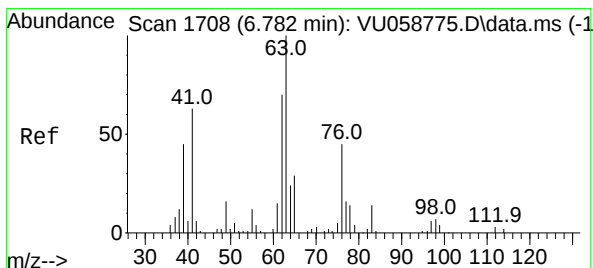
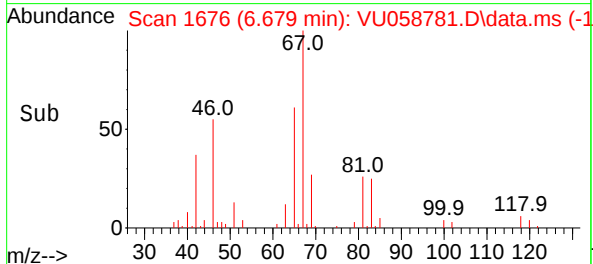
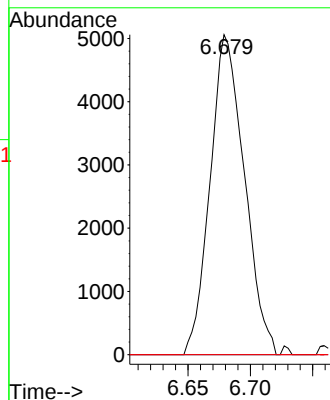
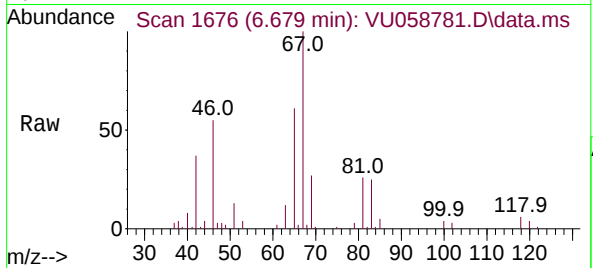
Acq: 23 Apr 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9675
Ion Ratio	Lower	Upper
83	100	
55	0.0	66.6 100.0#
98	0.0	35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.631 ug/L

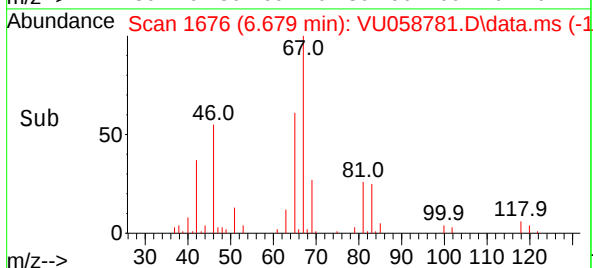
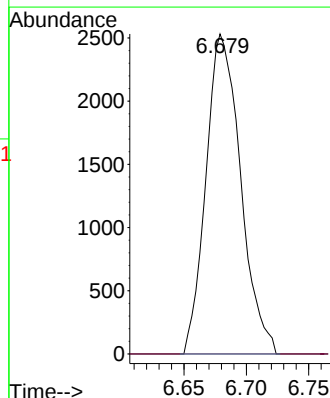
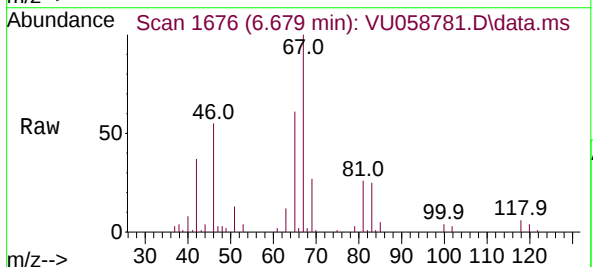
RT: 6.679 min Scan# 1676

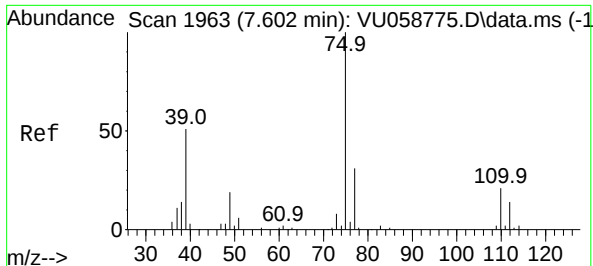
Delta R.T. -0.103 min

Lab File: VU058781.D

Acq: 23 Apr 2024 12:35

Tgt Ion: 63	Resp:	4892
Ion Ratio	Lower	Upper
63	100	
112	0.0	2.8 4.2#

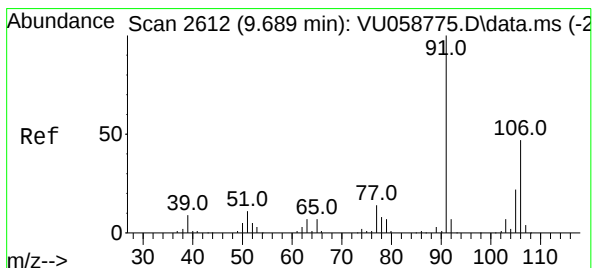
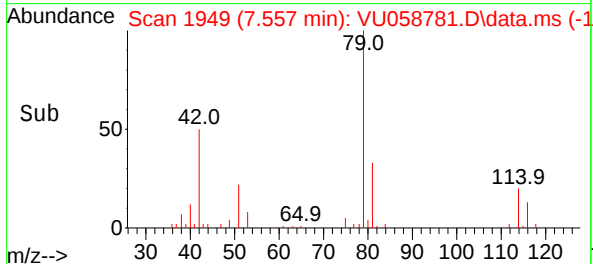
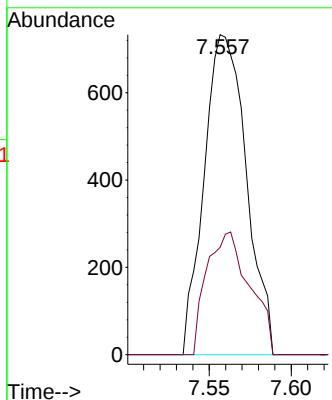
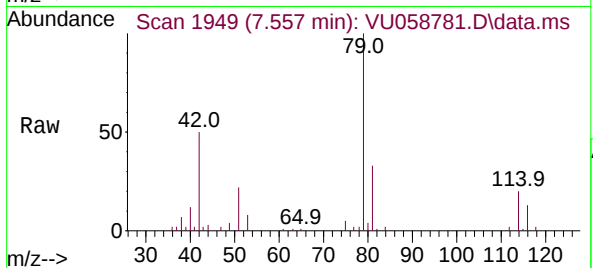




#39
cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.557 min Scan# 1949
Delta R.T. -0.045 min
Lab File: VU058781.D
Acq: 23 Apr 2024 12:35

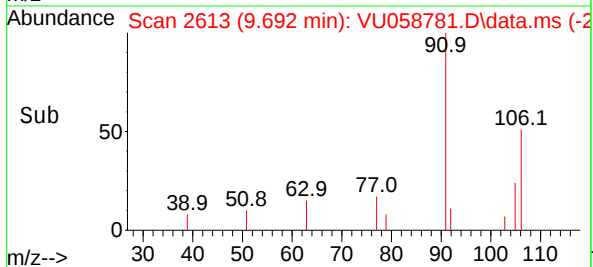
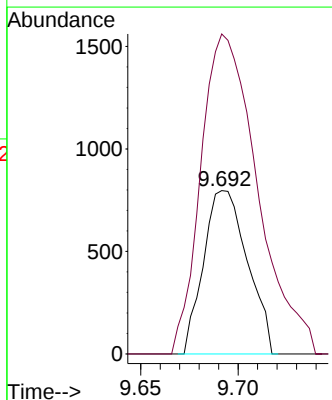
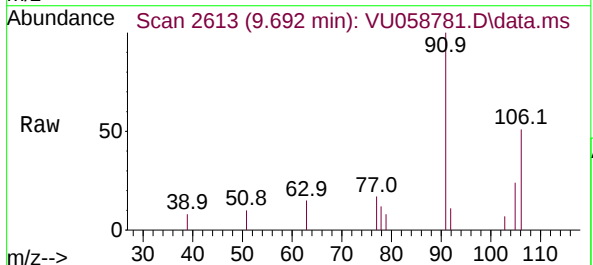
Instrument :
MSVOA_U
ClientSampleId :

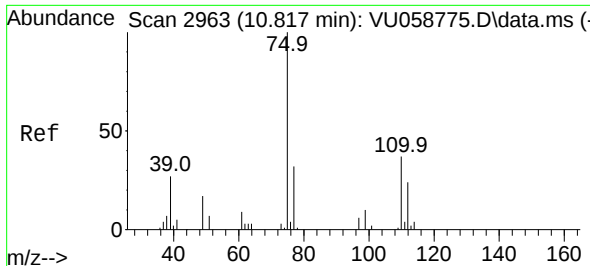
Tgt Ion: 75 Resp: 1311
Ion Ratio Lower Upper
75 100
77 33.6 21.9 40.7



#53
m,p-Xylene
Concen: 0.101 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058781.D
Acq: 23 Apr 2024 12:35

Tgt Ion:106 Resp: 1251
Ion Ratio Lower Upper
106 100
91 195.9 155.1 288.1

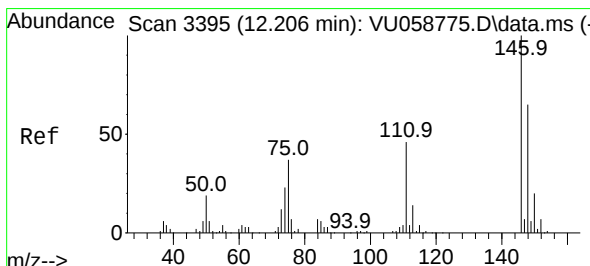
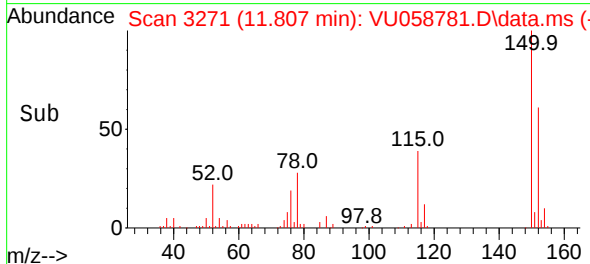
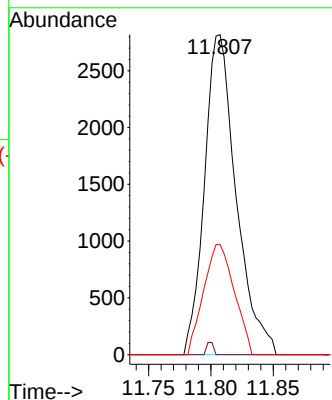
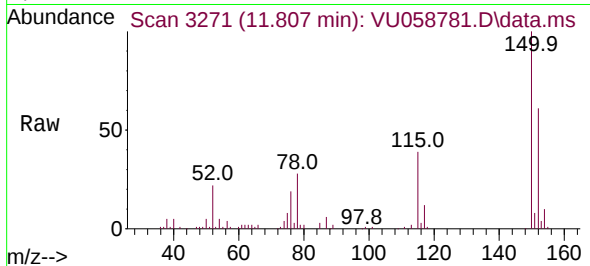




#61
1,2,3-Trichloropropane
Concen: 1.460 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058781.D
Acq: 23 Apr 2024 12:35

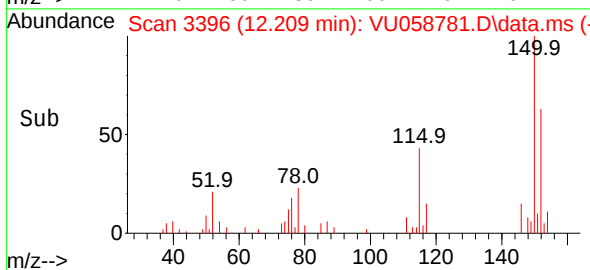
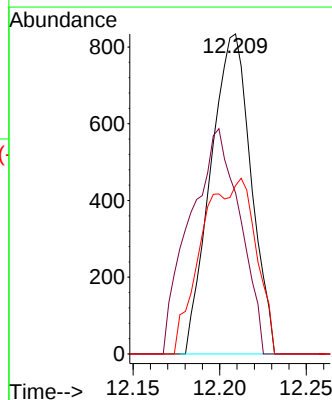
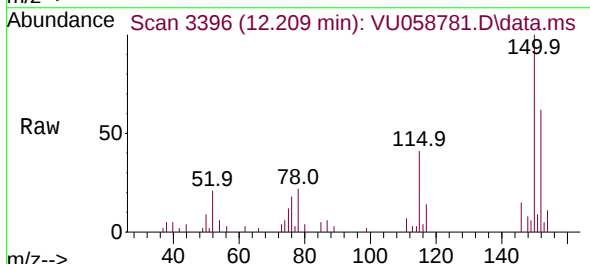
Instrument :
MSVOA_U
ClientSampleId :

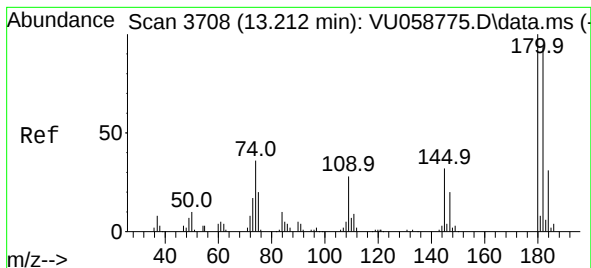
Tgt Ion: 75 Resp: 4982
Ion Ratio Lower Upper
75 100
110 0.8 28.6 43.0#
77 33.2 25.4 38.2



#67
1,2-Dichlorobenzene
Concen: 0.122 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU058781.D
Acq: 23 Apr 2024 12:35

Tgt Ion:146 Resp: 1350
Ion Ratio Lower Upper
146 100
111 50.4 35.7 53.5
148 52.6 51.6 77.4





#69

1,3,5-Trichlorobenzene

Concen: 0.236 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.633 min

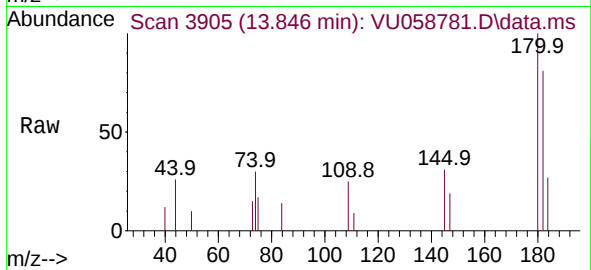
Lab File: VU058781.D

Acq: 23 Apr 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2168

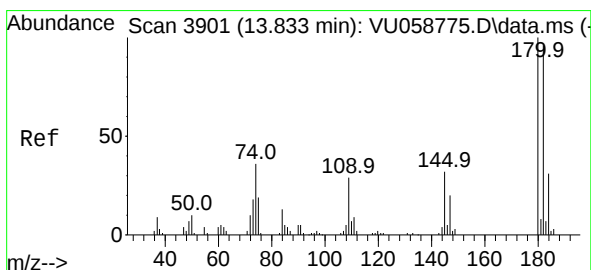
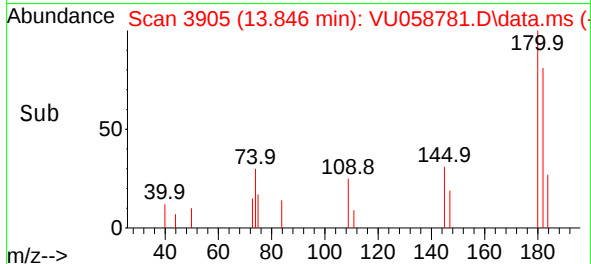
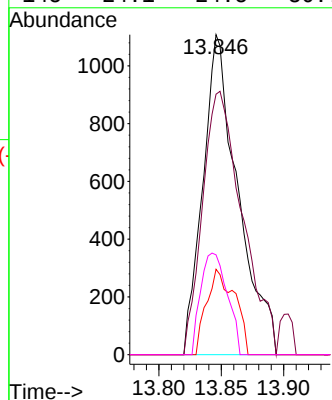
Ion Ratio Lower Upper

180 100

182 93.4 75.9 113.9

184 21.4 24.7 37.1#

145 24.1 24.5 36.7#



#70

1,2,4-trichlorobenzene

Concen: 0.340 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

Lab File: VU058781.D

Acq: 23 Apr 2024 12:35

Tgt Ion:180 Resp: 2168

Ion Ratio Lower Upper

180 100

182 93.4 75.9 113.9

145 24.1 25.7 38.5#

