

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058011.D
 Acq On : 08 Mar 2024 12:47
 Operator : MD/SY
 Sample : P1636-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:12:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

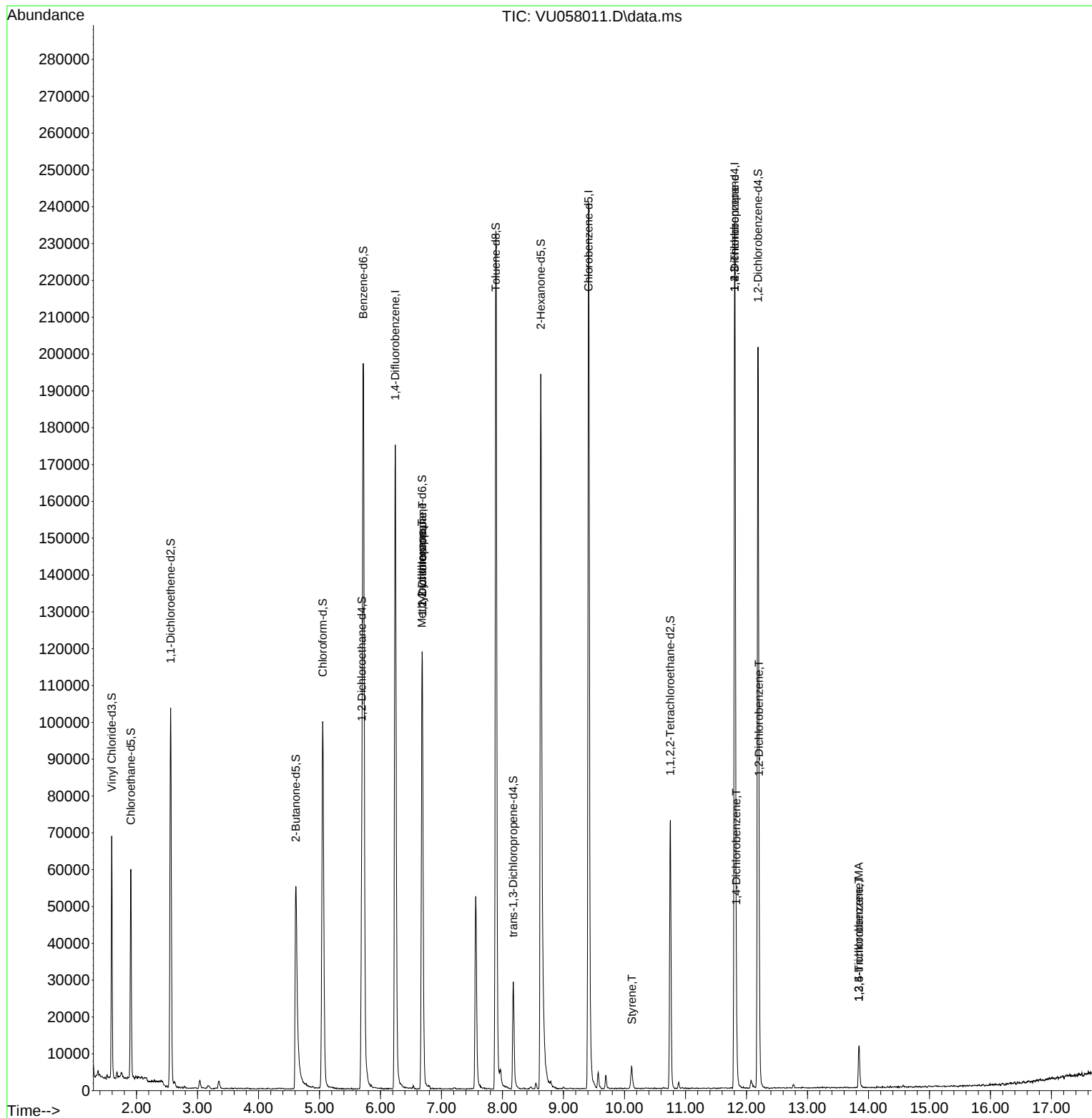
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45095	4.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	39634	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	20596	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.611	46	88865	52.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.100%
24) Chloroform-d	5.052	84	93095	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	45054	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.717	84	186031	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	59218	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	159087	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	18149	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	73879	53.729	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	37660	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	50846	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
35) Methylcyclohexane	6.679	83	13450	0.808	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6560	0.617	ug/L #	89
55) Styrene	10.122	104	3292	0.123	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	10527	2.148	ug/L #	65
65) 1,4-Dichlorobenzene	11.833	146	5097	0.287	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	5034	0.318	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.843	180	4379	0.336	ug/L #	94
70) 1,2,4-trichlorobenzene	13.843	180	4379	0.447	ug/L	97

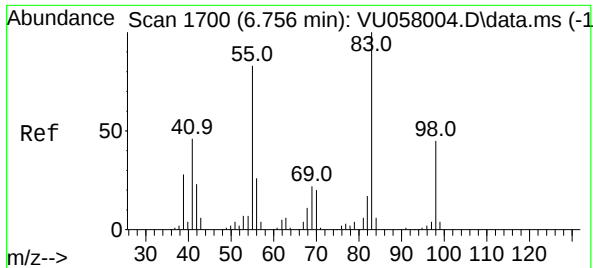
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
Data File : VU058011.D
Acq On : 08 Mar 2024 12:47
Operator : MD/SY
Sample : P1636-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 09 00:12:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 09 00:10:03 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU058011.D

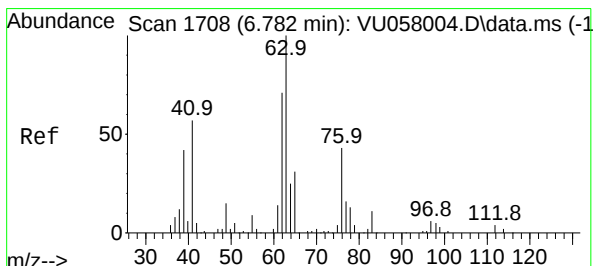
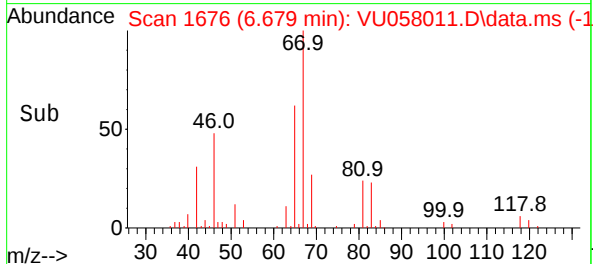
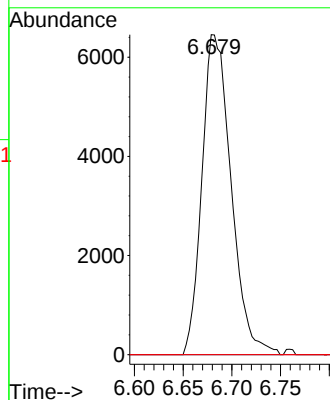
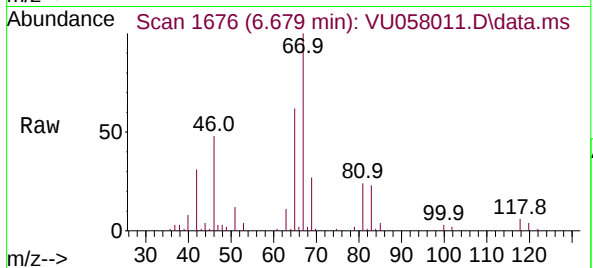
Acq: 08 Mar 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	13450
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.0	94.6#
98	0.0	36.2	54.4#



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

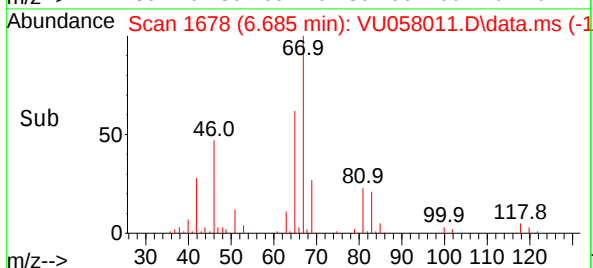
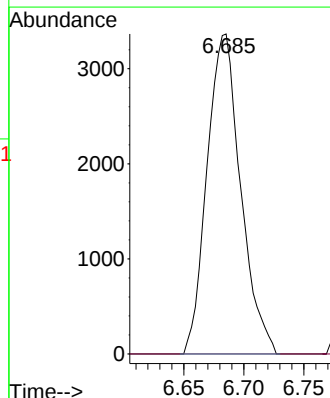
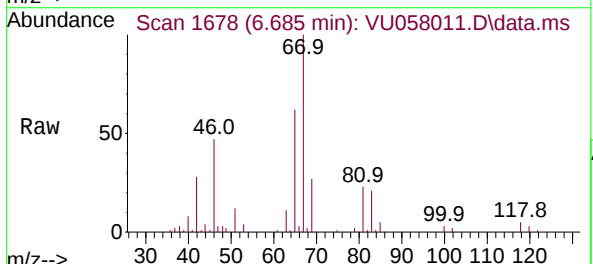
RT: 6.685 min Scan# 1678

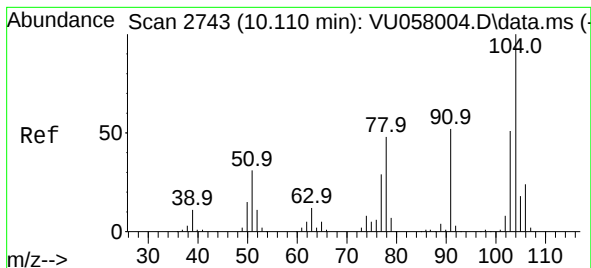
Delta R.T. -0.096 min

Lab File: VU058011.D

Acq: 08 Mar 2024 12:47

Tgt Ion:	63	Resp:	6560
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.4#





#55

Styrene

Concen: 0.123 ug/L

RT: 10.122 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU058011.D

Acq: 08 Mar 2024 12:47

Instrument :

MSVOA_U

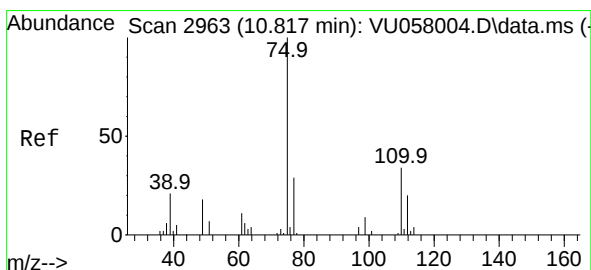
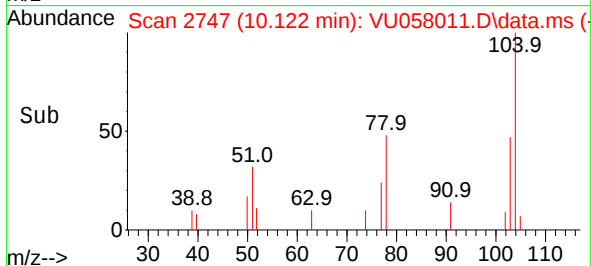
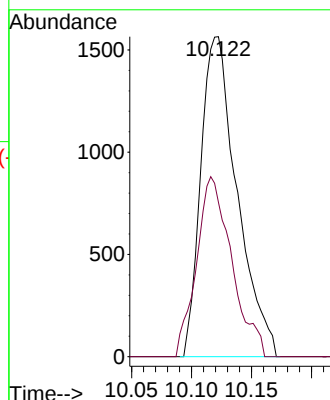
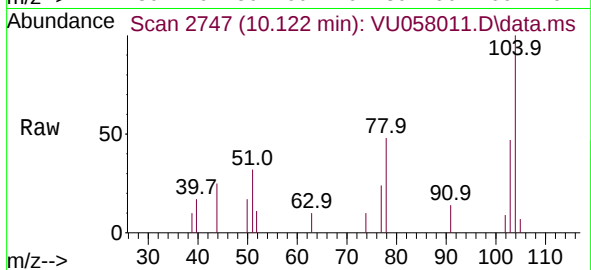
ClientSampleId :

Tgt Ion:104 Resp: 3292

Ion Ratio Lower Upper

104 100

78 48.2 34.2 63.4



#61

1,2,3-Trichloropropane

Concen: 2.148 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058011.D

Acq: 08 Mar 2024 12:47

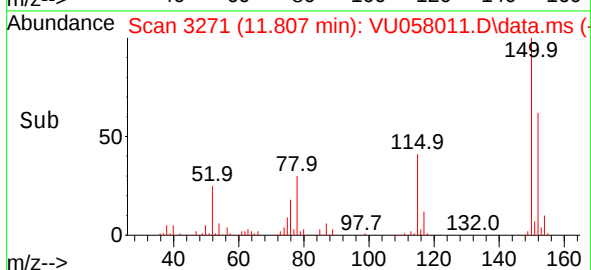
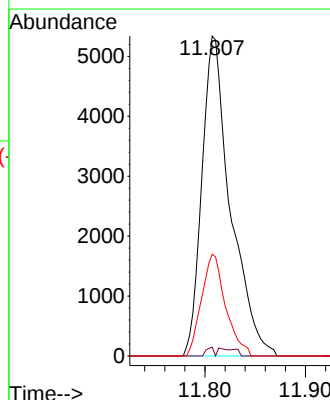
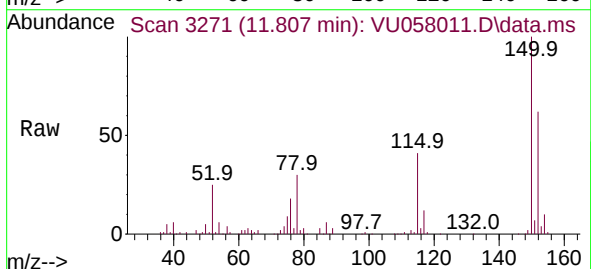
Tgt Ion: 75 Resp: 10527

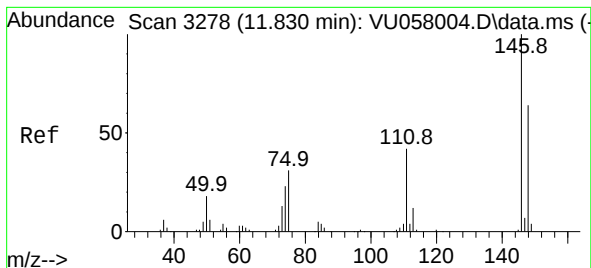
Ion Ratio Lower Upper

75 100

110 0.7 28.0 42.0#

77 26.7 24.7 37.1





#65

1,4-Dichlorobenzene

Concen: 0.287 ug/L

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU058011.D

Acq: 08 Mar 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

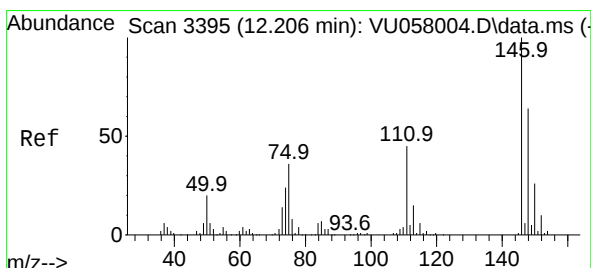
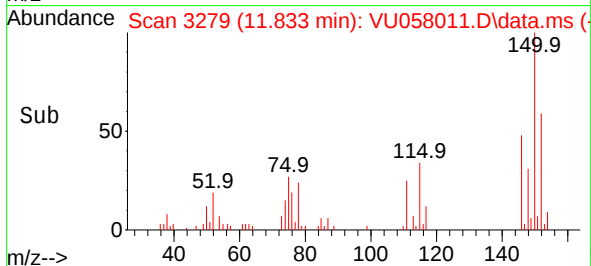
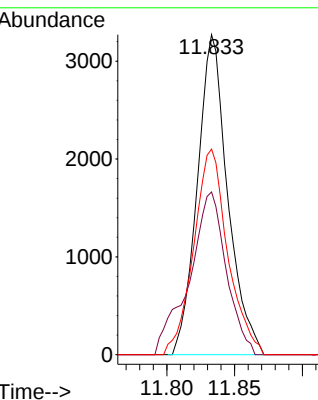
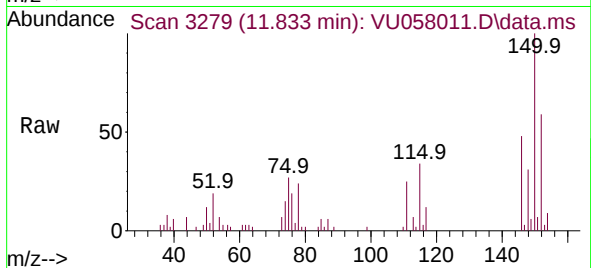
Tgt Ion:146 Resp: 5097

Ion Ratio Lower Upper

146 100

111 50.8 30.1 55.9

148 64.3 45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 0.318 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058011.D

Acq: 08 Mar 2024 12:47

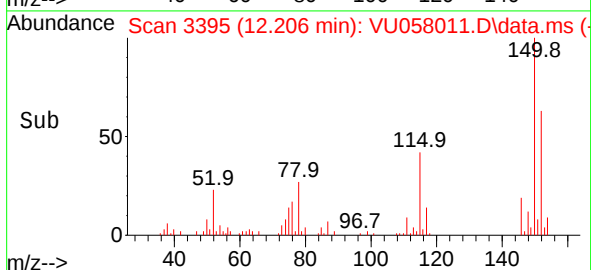
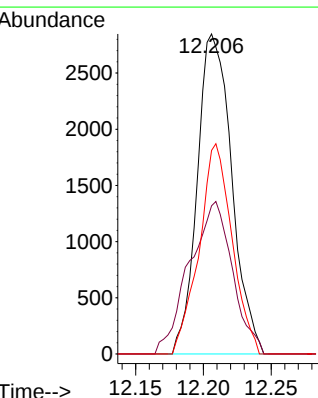
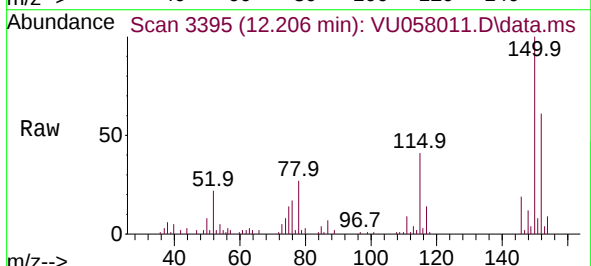
Tgt Ion:146 Resp: 5034

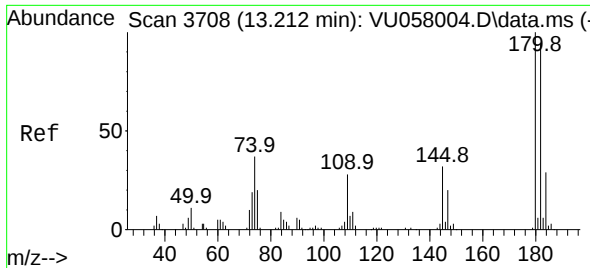
Ion Ratio Lower Upper

146 100

111 46.3 37.4 56.0

148 84.4 50.8 76.2#





#69

1,3,5-Trichlorobenzene

Concen: 0.336 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

Lab File: VU058011.D

Acq: 08 Mar 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 4379

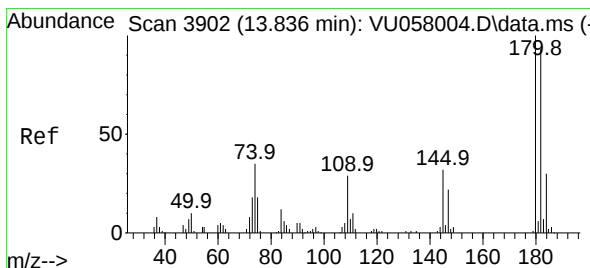
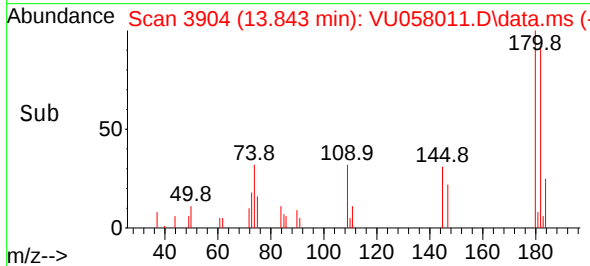
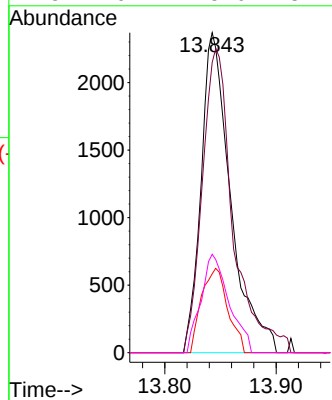
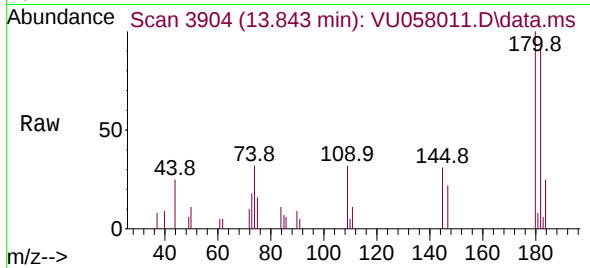
Ion Ratio Lower Upper

180 100

182 98.9 76.3 114.5

184 23.4 24.6 36.8#

145 29.2 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 0.447 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU058011.D

Acq: 08 Mar 2024 12:47

Tgt Ion:180 Resp: 4379

Ion Ratio Lower Upper

180 100

182 98.9 77.9 116.9

145 29.2 25.8 38.8

