

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058237.D
 Acq On : 28 Mar 2024 14:21
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:10:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

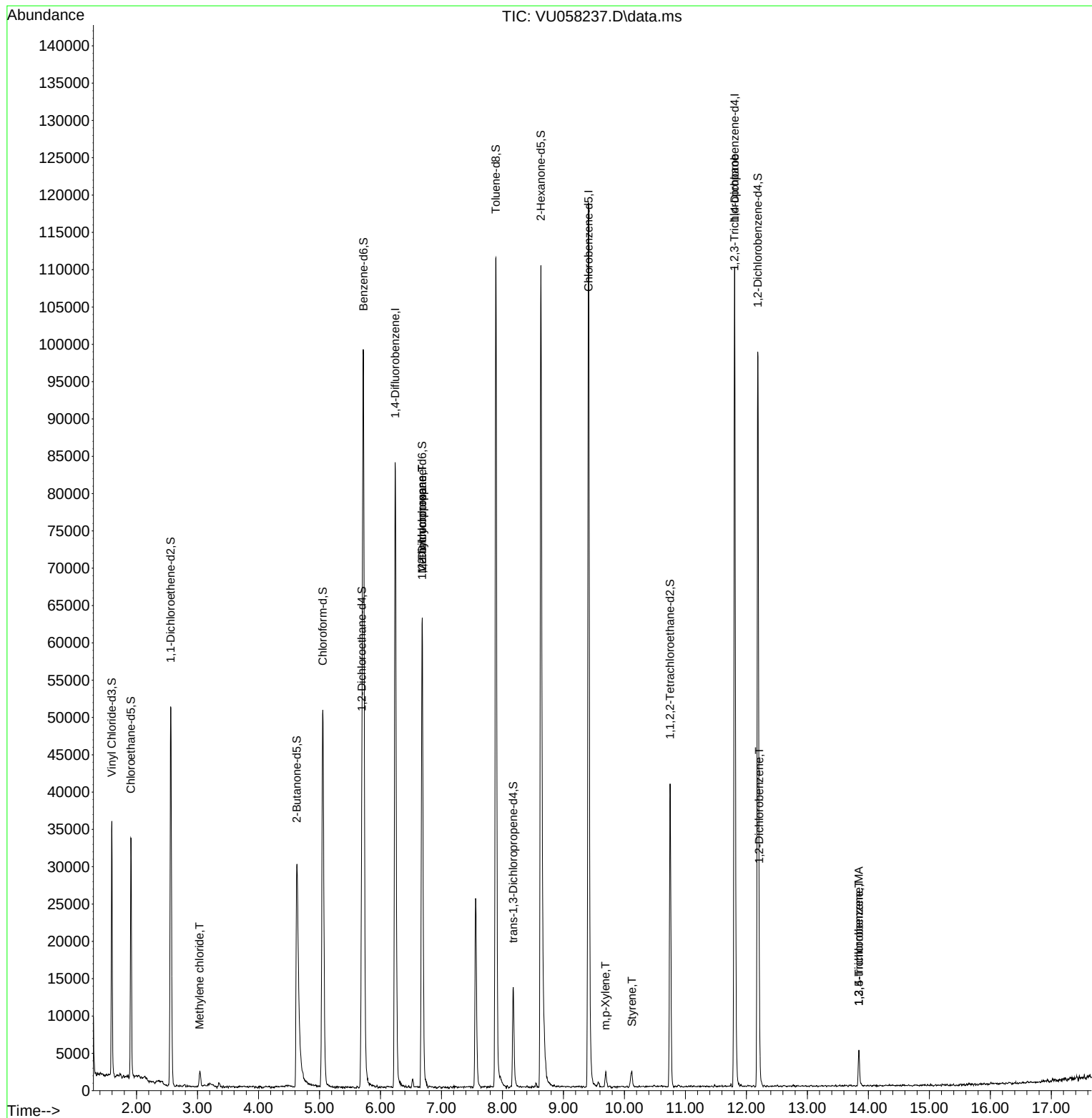
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67306	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28952	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23631	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.907	69	21947	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	9974	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.627	46	56636	56.049	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.100%
24) Chloroform-d	5.055	84	47937	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	24410	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	93660	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.685	67	30432	4.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	77023	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	8676	4.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	39012	47.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20769	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25332	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	1072	0.224	ug/L	81
35) Methylcyclohexane	6.685	83	6943	1.097	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3196	0.657	ug/L #	90
53) m,p-Xylene	9.688	106	761	0.104	ug/L	81
55) Styrene	10.122	104	1195	0.102	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	4397	1.814	ug/L #	64
67) 1,2-Dichlorobenzene	12.209	146	3379	0.451	ug/L	96
69) 1,3,5-Trichlorobenzene	13.846	180	2177	0.384	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	2177	0.515	ug/L	98

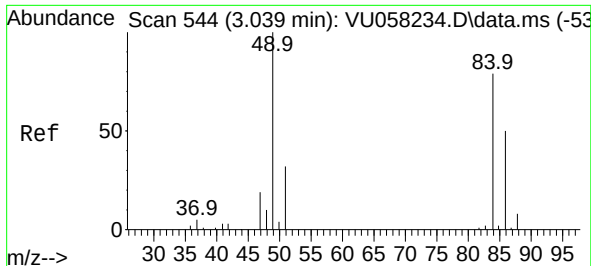
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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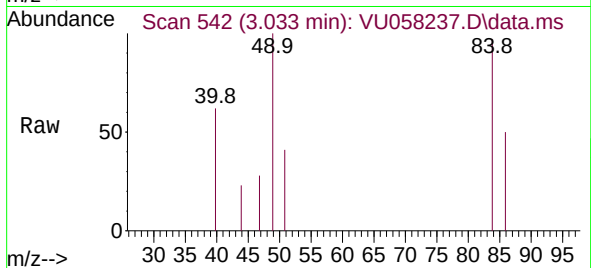
Quant Time: Mar 29 01:10:10 2024
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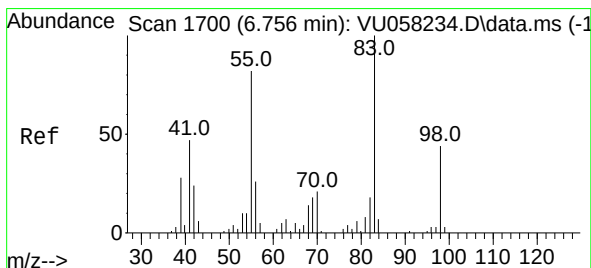
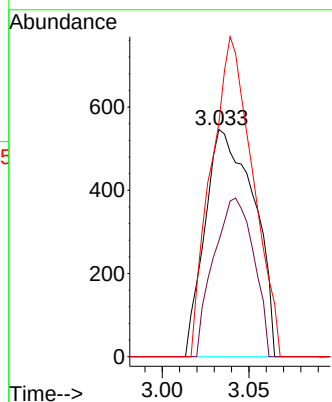
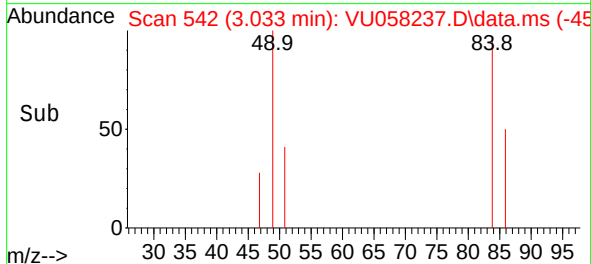


#16
Methylene chloride
Concen: 0.224 ug/L
RT: 3.033 min Scan# 54
Delta R.T. -0.007 min
Lab File: VU058237.D
Acq: 28 Mar 2024 14:21

Instrument :
MSVOA_U
ClientSampleId :

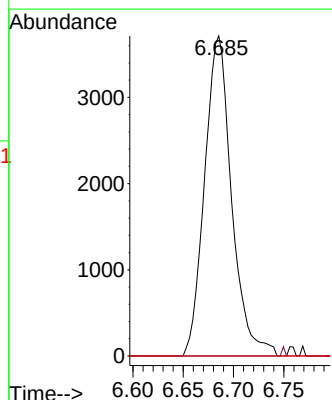
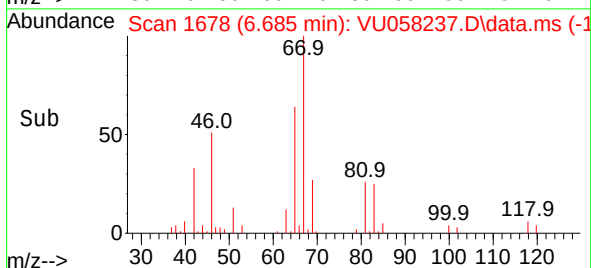
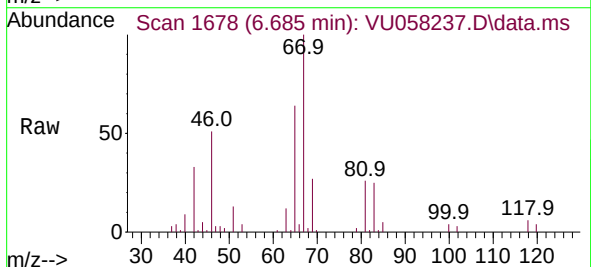


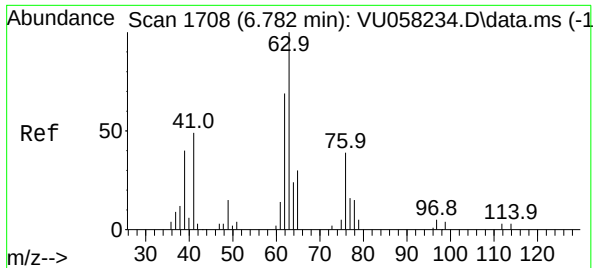
Tgt Ion: 84 Resp: 1072
Ion Ratio Lower Upper
84 100
86 51.1 45.6 84.6
49 102.9 88.3 163.9



#35
Methylcyclohexane
Concen: 1.097 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058237.D
Acq: 28 Mar 2024 14:21

Tgt Ion: 83 Resp: 6943
Ion Ratio Lower Upper
83 100
55 0.3 62.7 94.1#
98 0.0 37.3 55.9#

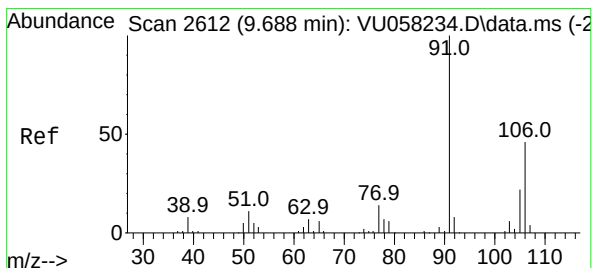
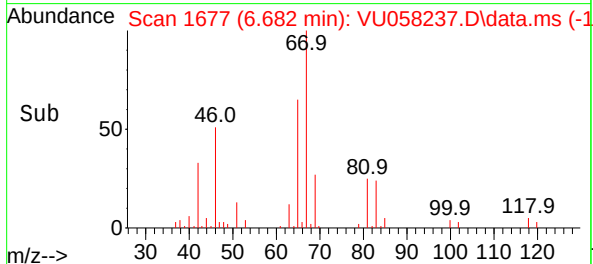
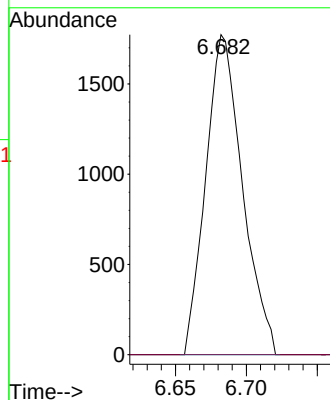
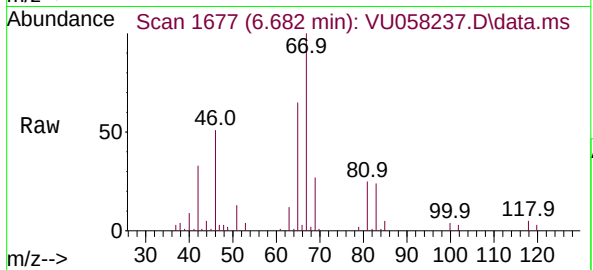




#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058237.D
Acq: 28 Mar 2024 14:21

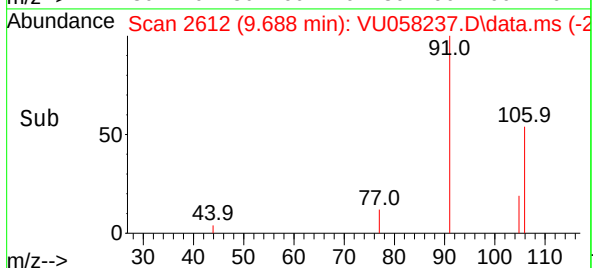
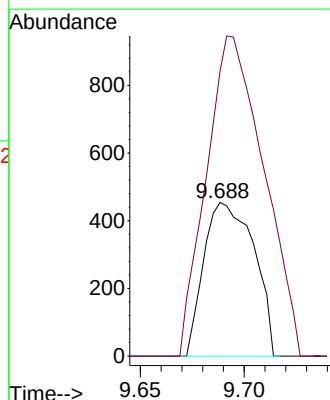
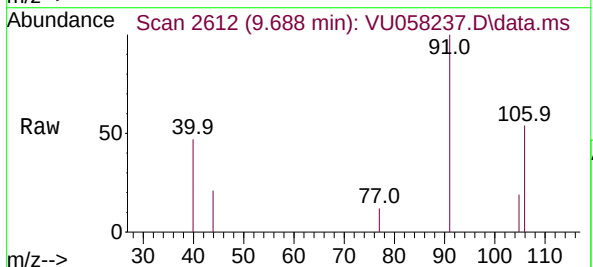
Instrument :
MSVOA_U
ClientSampleId :

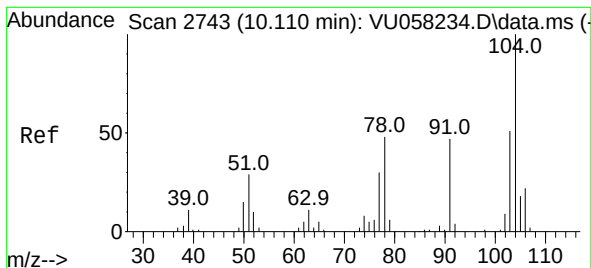
Tgt Ion: 63 Resp: 3196
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058237.D
Acq: 28 Mar 2024 14:21

Tgt Ion: 106 Resp: 761
Ion Ratio Lower Upper
106 100
91 185.5 151.0 280.4





#55

Styrene

Concen: 0.102 ug/L

RT: 10.122 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU058237.D

Acq: 28 Mar 2024 14:21

Instrument :

MSVOA_U

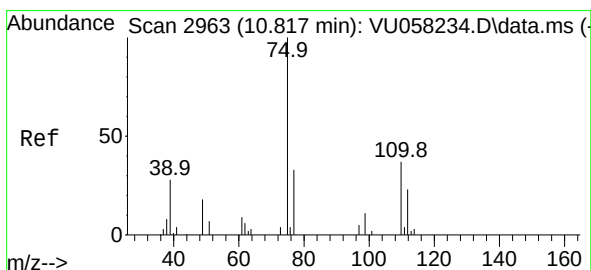
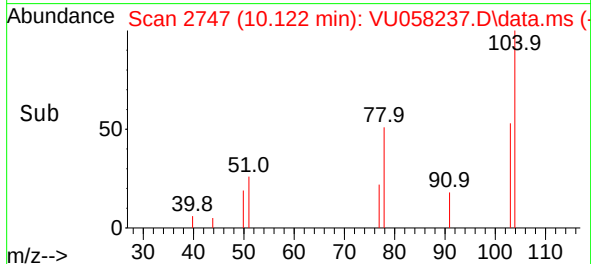
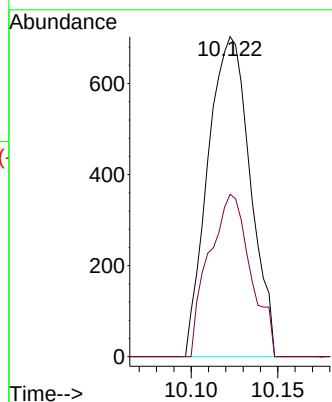
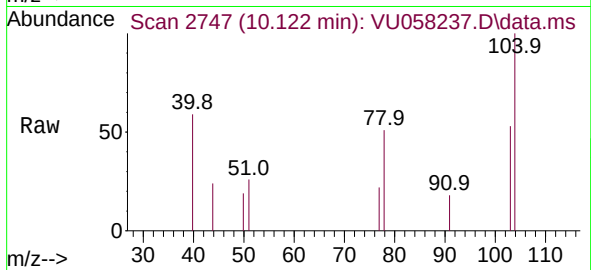
ClientSampleId :

Tgt Ion:104 Resp: 1195

Ion Ratio Lower Upper

104 100

78 50.8 34.5 64.1



#61

1,2,3-Trichloropropane

Concen: 1.814 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058237.D

Acq: 28 Mar 2024 14:21

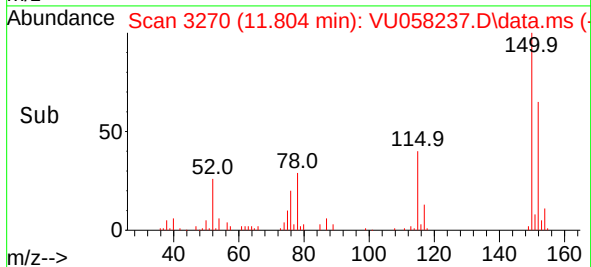
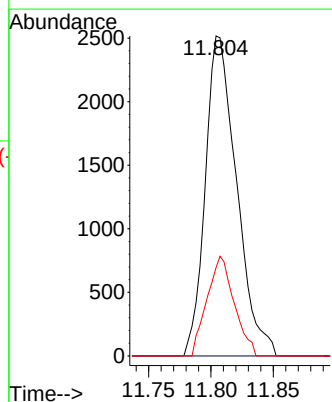
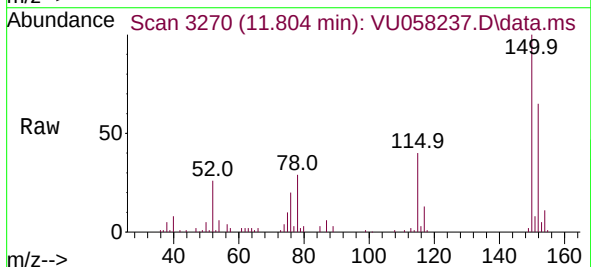
Tgt Ion: 75 Resp: 4397

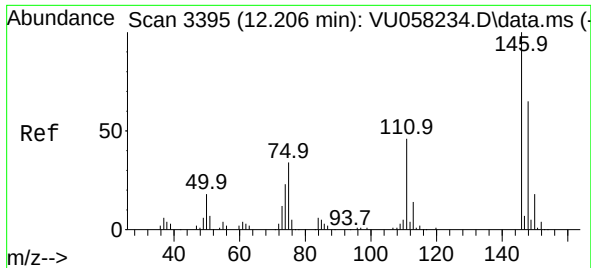
Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 27.0 25.1 37.7





#67

1,2-Dichlorobenzene

Concen: 0.451 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058237.D

Acq: 28 Mar 2024 14:21

Instrument :

MSVOA_U

ClientSampleId :

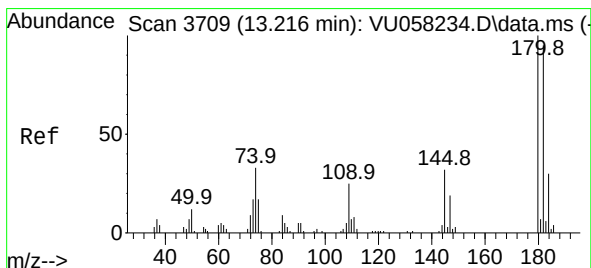
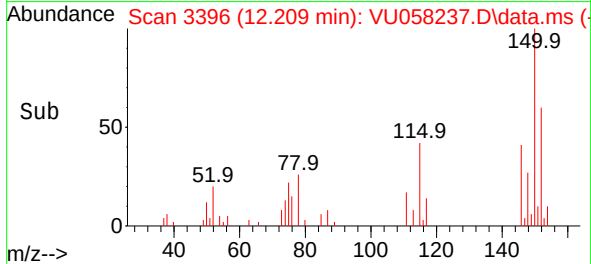
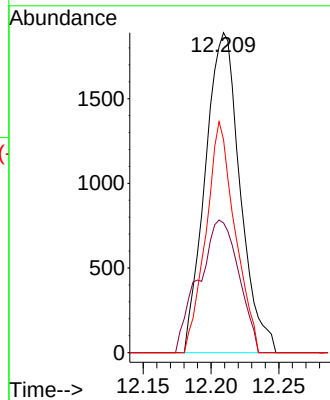
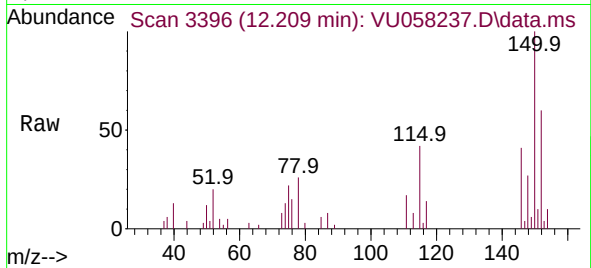
Tgt Ion:146 Resp: 3379

Ion Ratio Lower Upper

146 100

111 40.5 35.9 53.9

148 66.6 52.4 78.6



#69

1,3,5-Trichlorobenzene

Concen: 0.384 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.630 min

Lab File: VU058237.D

Acq: 28 Mar 2024 14:21

Tgt Ion:180 Resp: 2177

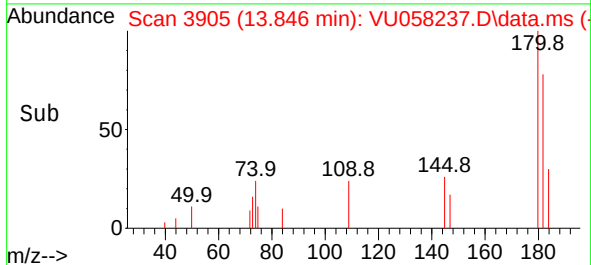
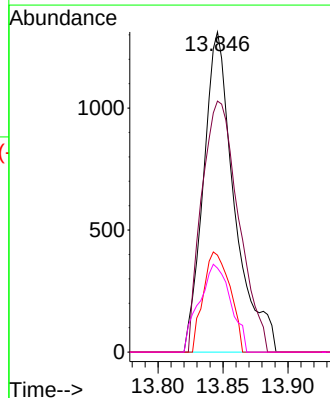
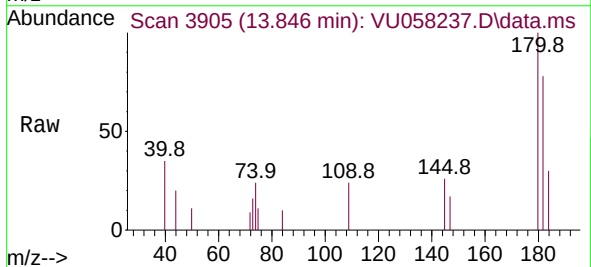
Ion Ratio Lower Upper

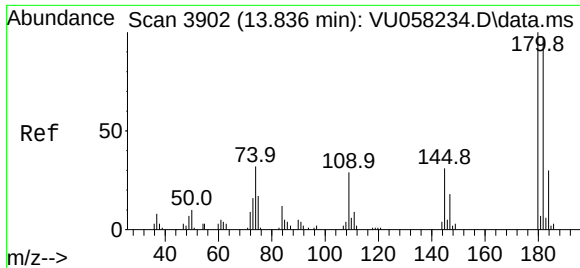
180 100

182 92.7 75.4 113.0

184 27.0 24.8 37.2

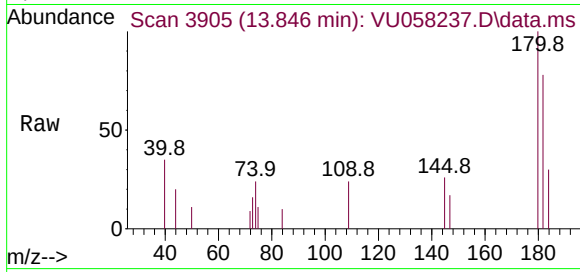
145 27.8 24.6 36.8





#70
 1,2,4-trichlorobenzene
 Concen: 0.515 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.010 min
 Lab File: VU058237.D
 Acq: 28 Mar 2024 14:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 2177

Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.5	111.7
145	27.8	24.5	36.7

