

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058241.D
 Acq On : 28 Mar 2024 15:54
 Operator : MD/SY
 Sample : P1902-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:11:18 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)

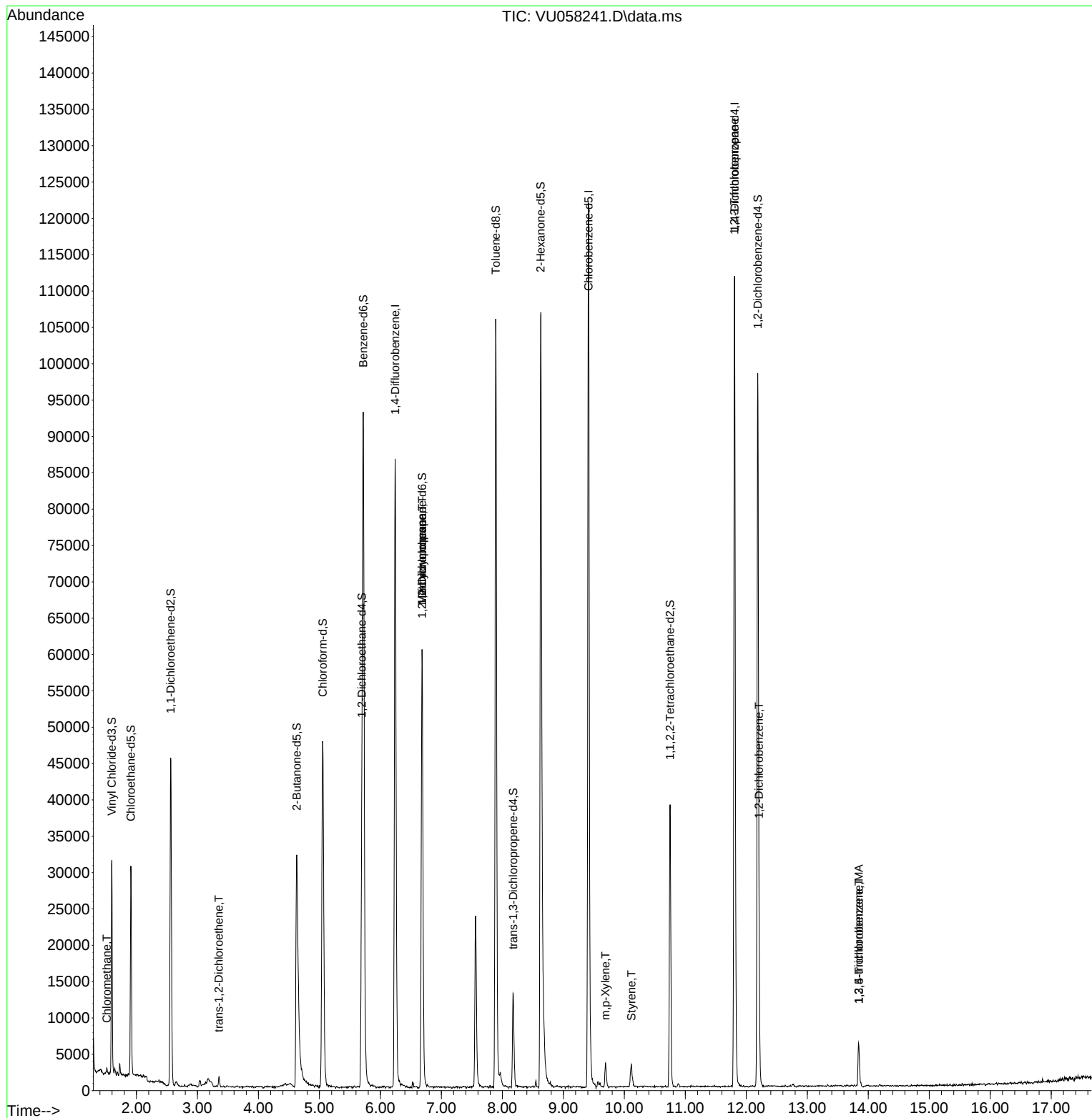
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70381	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20600	3.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.908	69	20404	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	8526	3.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.628	46	53611	50.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.052	84	44818	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.695	65	23546	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	88067	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.682	67	28479	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	72504	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.177	79	8194	3.883	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.628	63	38950	45.578	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19830	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	25040	4.410	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	541	0.146	ug/L #	71
18) trans-1,2-Dichloroethene	3.351	96	500	0.136	ug/L	85
35) Methylcyclohexane	6.682	83	6297	0.959	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3167	0.627	ug/L #	90
53) m,p-Xylene	9.689	106	1179	0.155	ug/L	94
55) Styrene	10.116	104	1789	0.148	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	4132	1.618	ug/L #	67
67) 1,2-Dichlorobenzene	12.206	146	4357	0.552	ug/L	96
69) 1,3,5-Trichlorobenzene	13.846	180	2739	0.459	ug/L	95
70) 1,2,4-trichlorobenzene	13.846	180	2739	0.616	ug/L	97

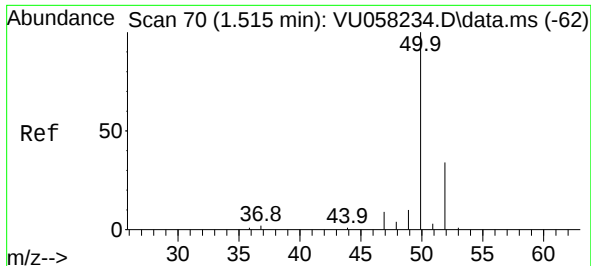
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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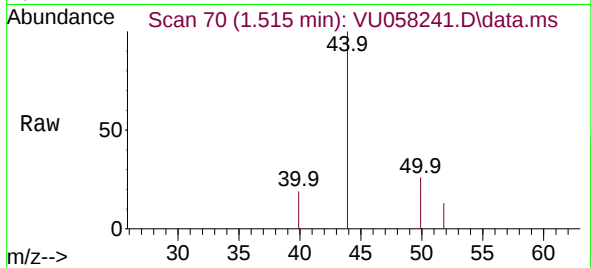
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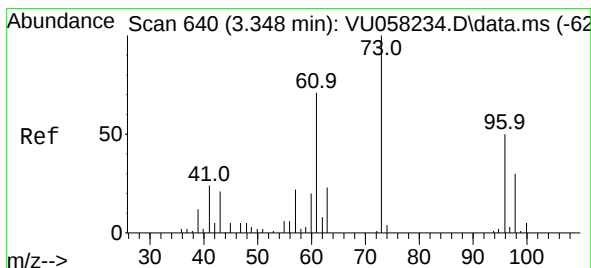
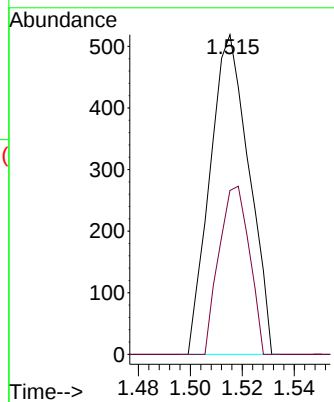
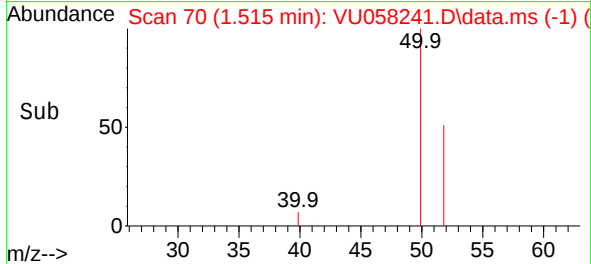


#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058241.D
Acq: 28 Mar 2024 15:54

Instrument :
MSVOA_U
ClientSampleId :

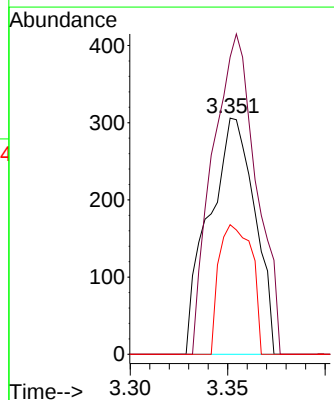
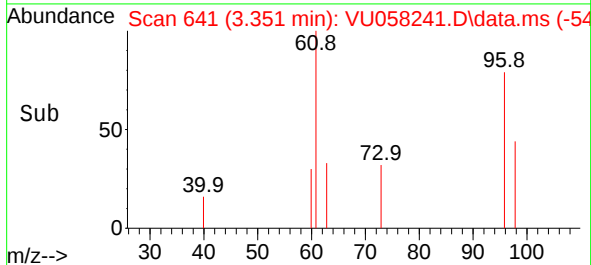
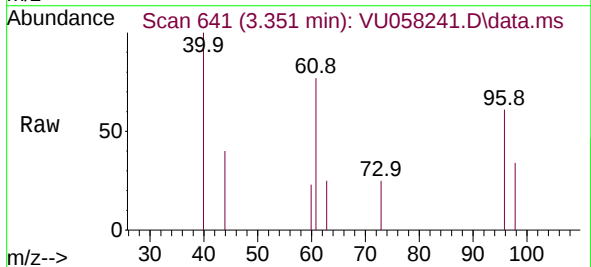


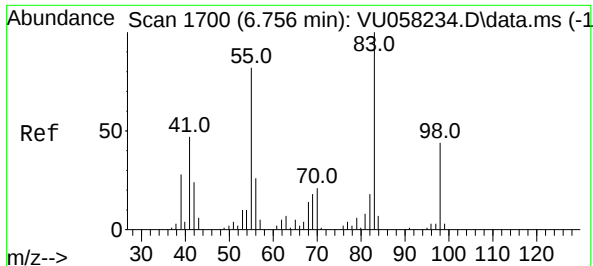
Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 51.3 24.2 45.0#



#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058241.D
Acq: 28 Mar 2024 15:54

Tgt Ion: 96 Resp: 500
Ion Ratio Lower Upper
96 100
61 125.8 102.5 190.3
98 54.9 44.0 81.8





#35

Methylcyclohexane

Concen: 0.959 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058241.D

Acq: 28 Mar 2024 15:54

Instrument :

MSVOA_U

ClientSampleId :

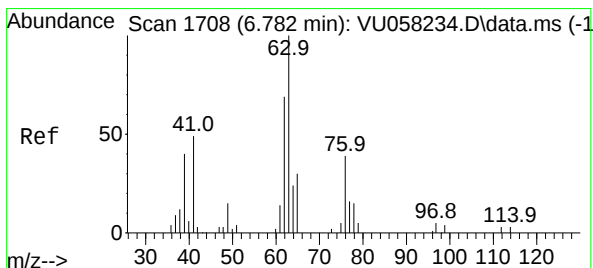
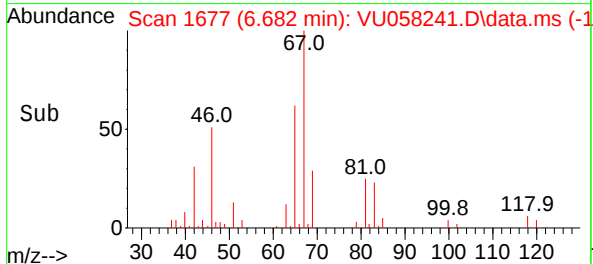
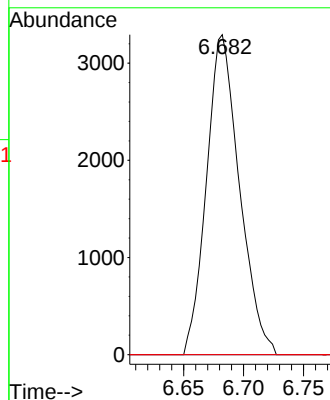
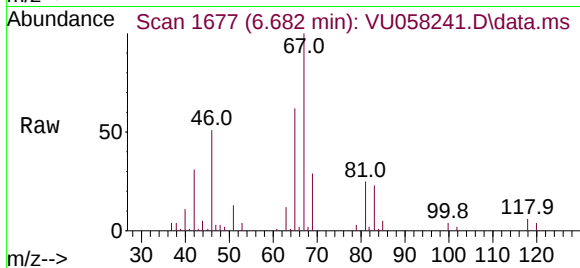
Tgt Ion: 83 Resp: 6297

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU058241.D

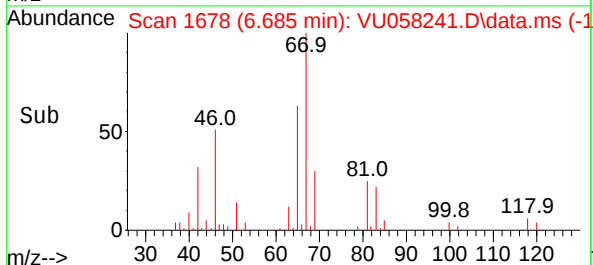
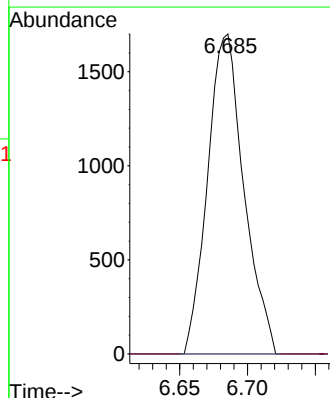
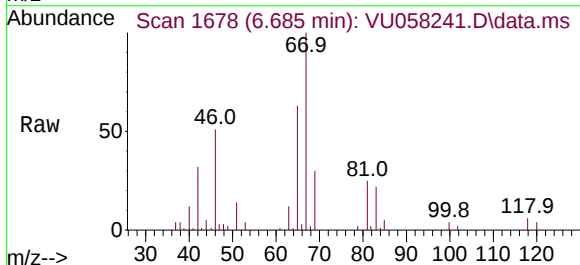
Acq: 28 Mar 2024 15:54

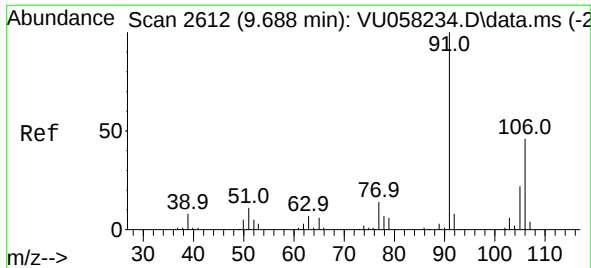
Tgt Ion: 63 Resp: 3167

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

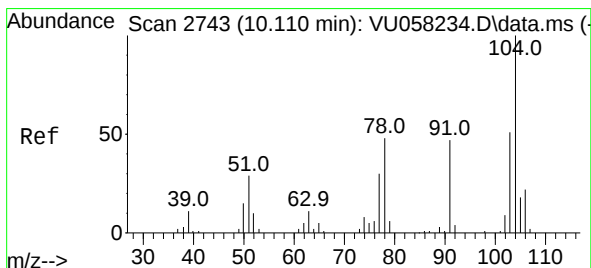
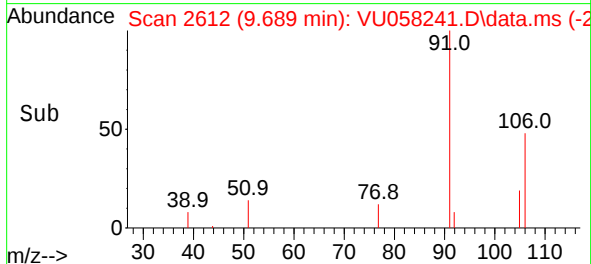
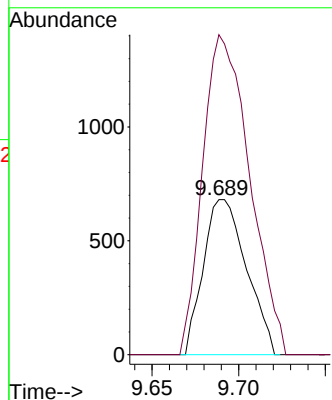
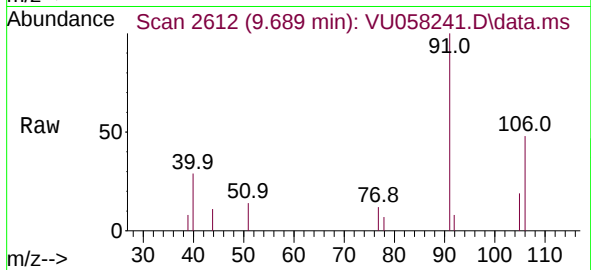




#53
m,p-Xylene
Concen: 0.155 ug/L
RT: 9.689 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU058241.D
Acq: 28 Mar 2024 15:54

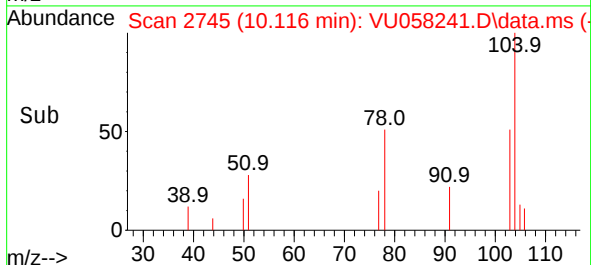
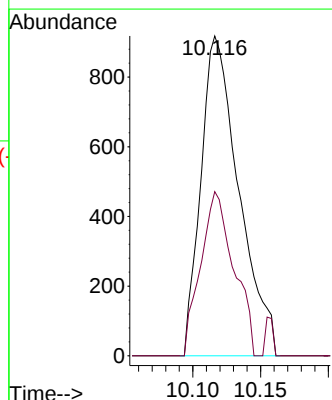
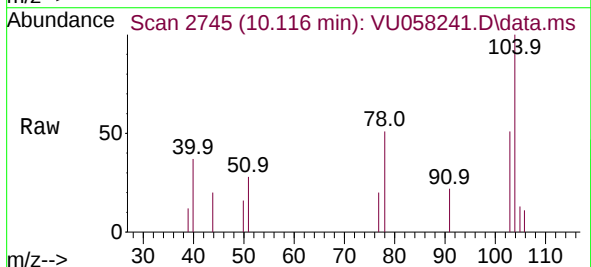
Instrument :
MSVOA_U
ClientSampleId :

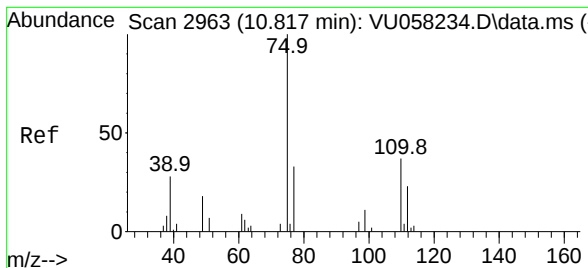
Tgt Ion:106 Resp: 1179
Ion Ratio Lower Upper
106 100
91 206.3 151.0 280.4



#55
Styrene
Concen: 0.148 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU058241.D
Acq: 28 Mar 2024 15:54

Tgt Ion:104 Resp: 1789
Ion Ratio Lower Upper
104 100
78 51.3 34.5 64.1





#61

1,2,3-Trichloropropane

Concen: 1.618 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU058241.D

Acq: 28 Mar 2024 15:54

Instrument :

MSVOA_U

ClientSampleId :

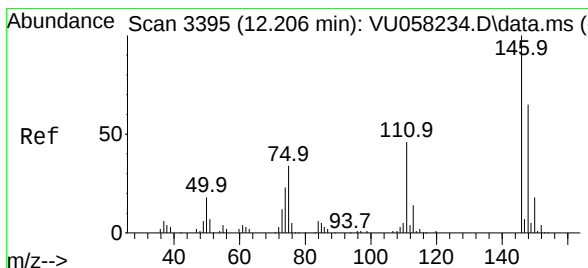
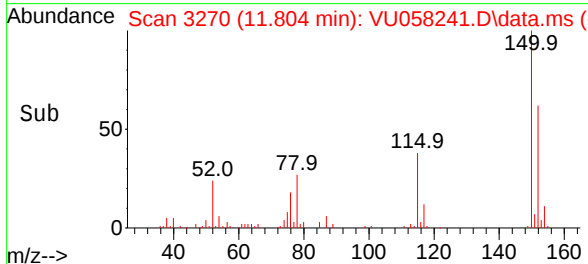
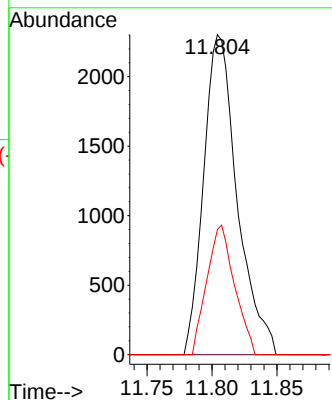
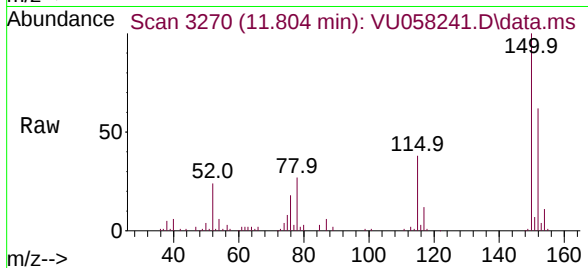
Tgt Ion: 75 Resp: 4132

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 33.3 25.1 37.7



#67

1,2-Dichlorobenzene

Concen: 0.552 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058241.D

Acq: 28 Mar 2024 15:54

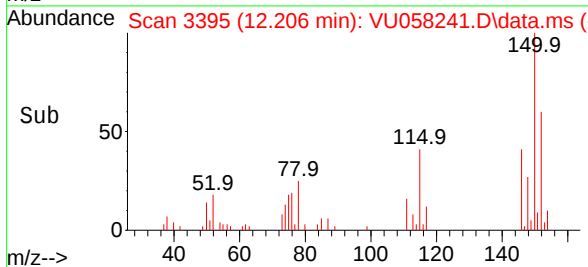
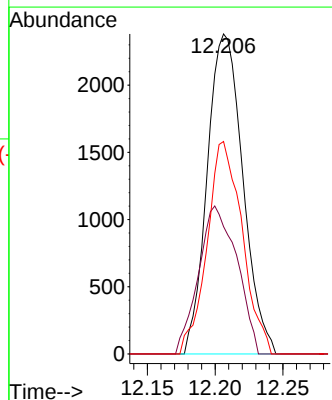
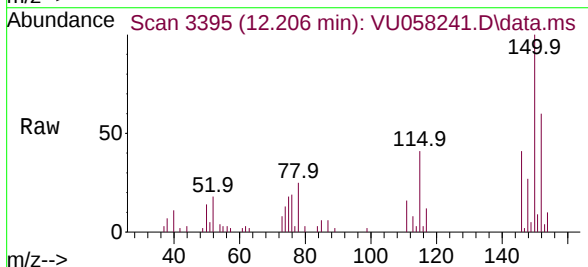
Tgt Ion:146 Resp: 4357

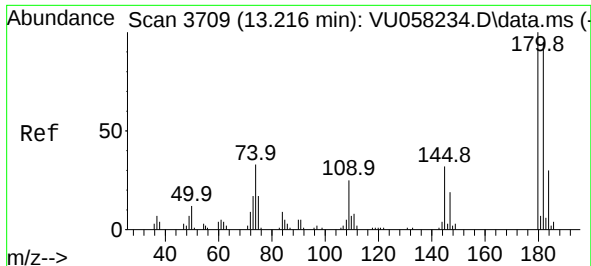
Ion Ratio Lower Upper

146 100

111 39.8 35.9 53.9

148 66.4 52.4 78.6





#69

1,3,5-Trichlorobenzene

Concen: 0.459 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.630 min

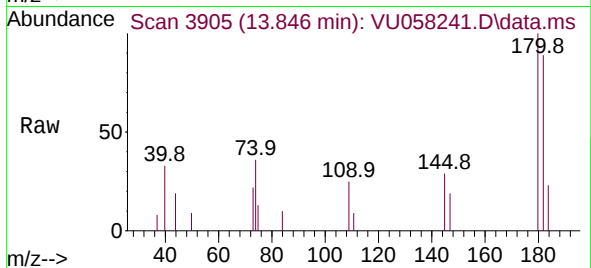
Lab File: VU058241.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2739

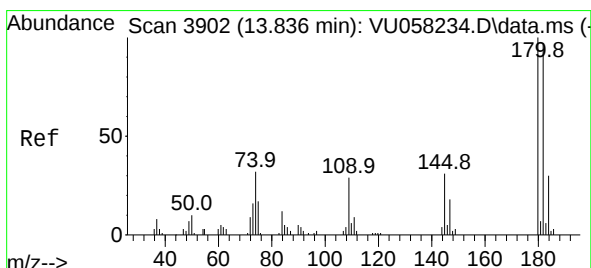
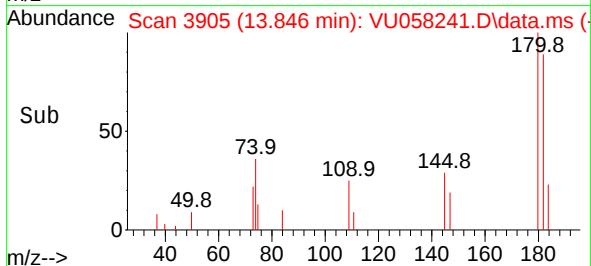
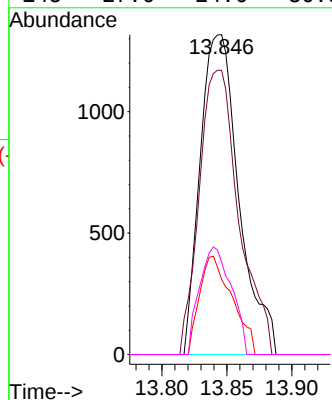
Ion Ratio Lower Upper

180 100

182 90.7 75.4 113.0

184 25.8 24.8 37.2

145 27.6 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 0.616 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.010 min

Lab File: VU058241.D

Acq: 28 Mar 2024 15:54

Tgt Ion:180 Resp: 2739

Ion Ratio Lower Upper

180 100

182 90.7 74.5 111.7

145 27.6 24.5 36.7

