

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058194.D
 Acq On : 22 Mar 2024 16:01
 Operator : MD/SY
 Sample : P1796-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:45:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

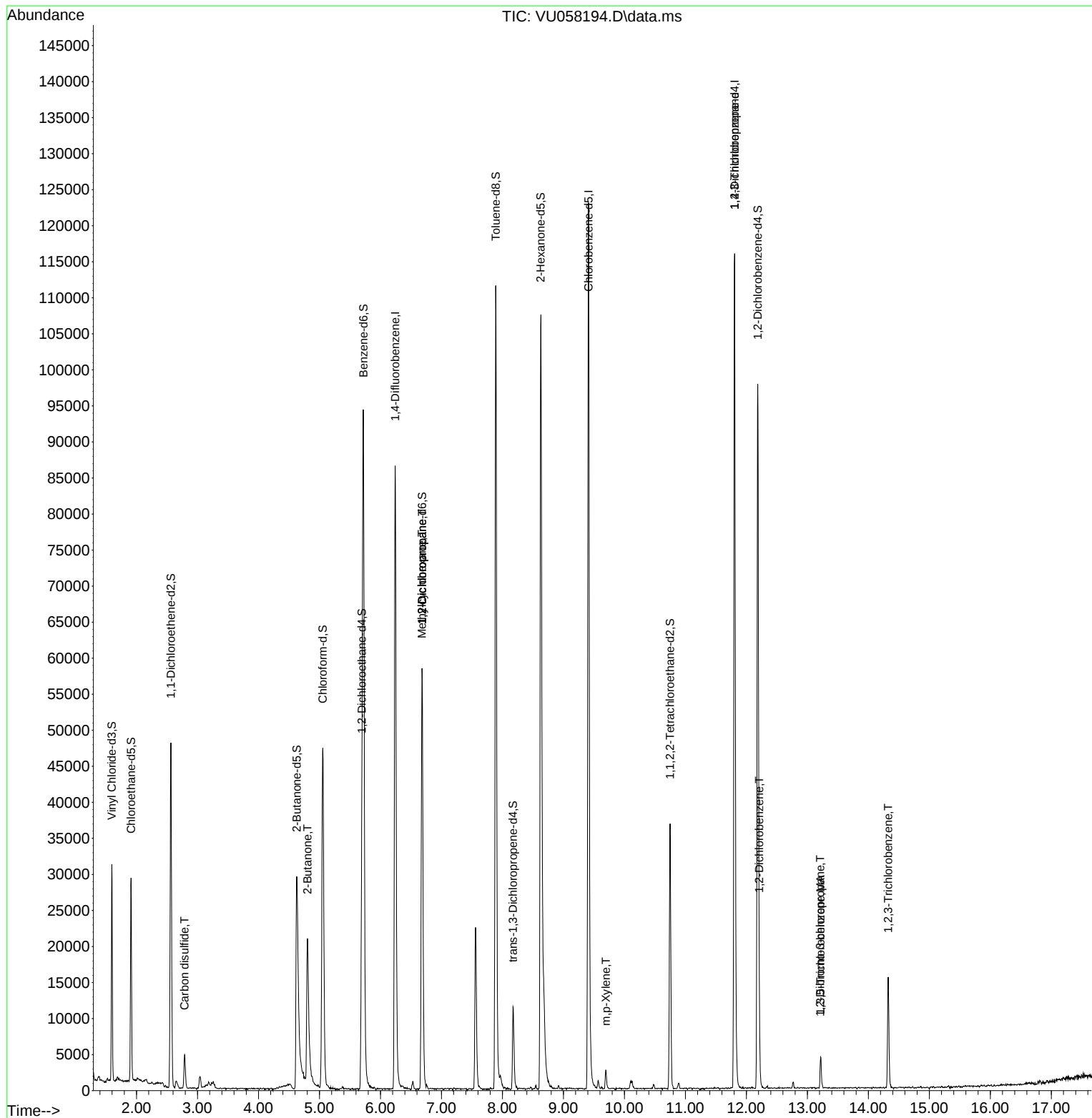
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20247	3.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.911	69	19735	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.563	65	9305	3.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.628	46	51967	48.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.220%
24) Chloroform-d	5.055	84	46362	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	22385	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.721	84	89973	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	29686	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	75885	3.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.174	79	7662	3.614	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.627	63	39893	46.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19322	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	25775	4.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.788	76	6328	0.785	ug/L	99
21) 2-Butanone	4.804	43	30650	28.857	ug/L #	47
35) Methylcyclohexane	6.679	83	6340	0.961	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3002	0.592	ug/L #	90
53) m,p-Xylene	9.695	106	923	0.121	ug/L	83
61) 1,2,3-Trichloropropane	11.807	75	4610	1.795	ug/L #	65
67) 1,2-Dichlorobenzene	12.209	146	3124	0.394	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.212	75	311	0.803	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.216	180	1888	0.315	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	5345	1.458	ug/L	97

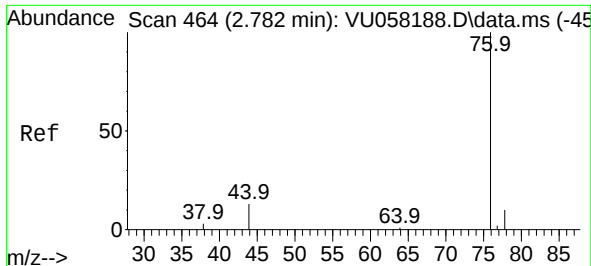
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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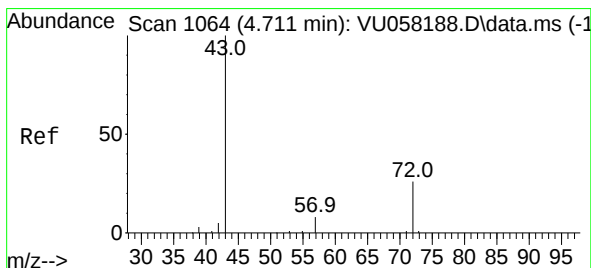
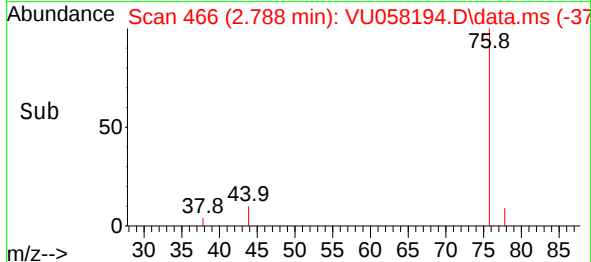
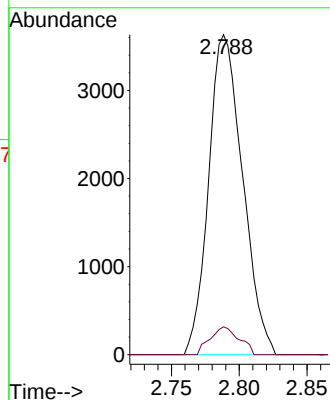
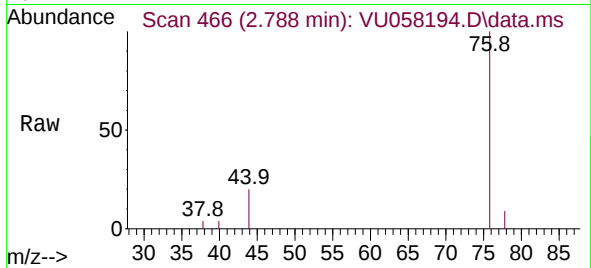




#14
Carbon disulfide
Concen: 0.785 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.006 min
Lab File: VU058194.D
Acq: 22 Mar 2024 16:01

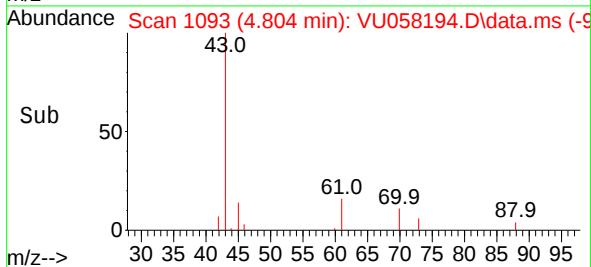
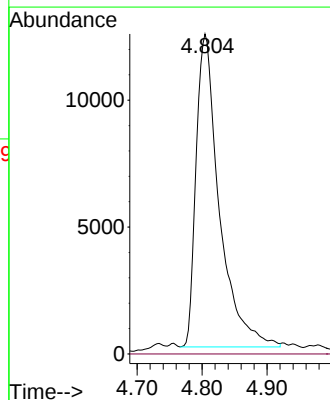
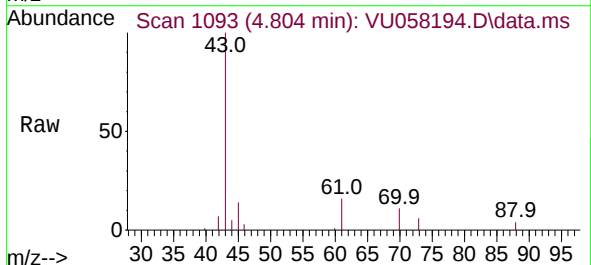
Instrument :
MSVOA_U
ClientSampleId :

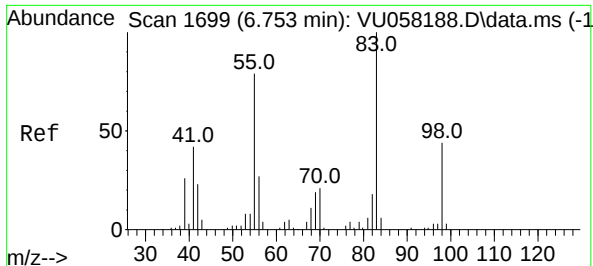
Tgt Ion: 76 Resp: 6328
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#21
2-Butanone
Concen: 28.857 ug/L
RT: 4.804 min Scan# 1093
Delta R.T. 0.093 min
Lab File: VU058194.D
Acq: 22 Mar 2024 16:01

Tgt Ion: 43 Resp: 30650
Ion Ratio Lower Upper
43 100
72 0.0 14.0 41.9#





#35

Methylcyclohexane

Concen: 0.961 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058194.D

Acq: 22 Mar 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :

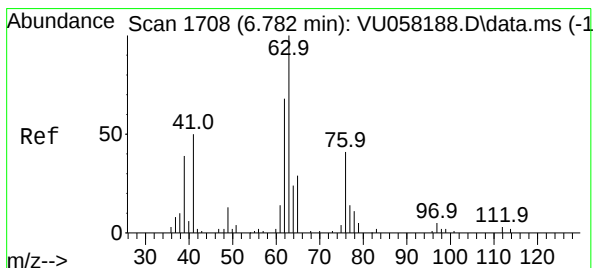
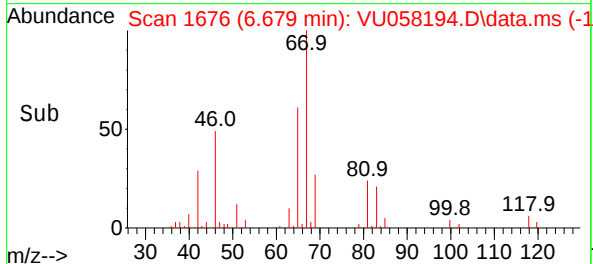
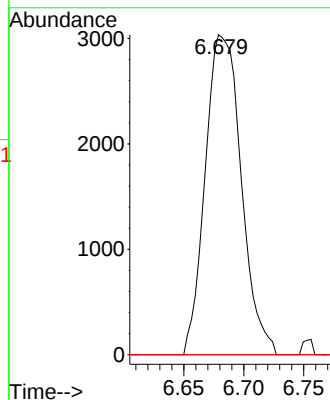
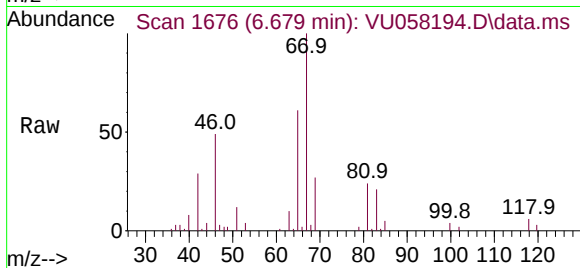
Tgt Ion: 83 Resp: 6340

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: 0.592 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058194.D

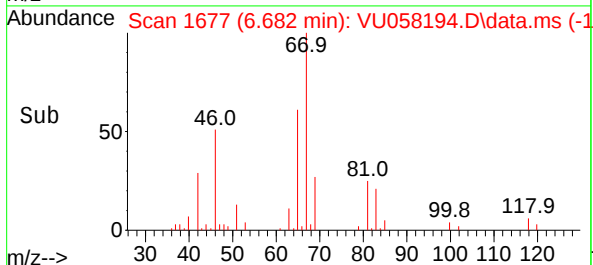
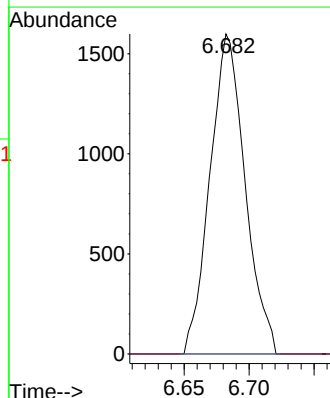
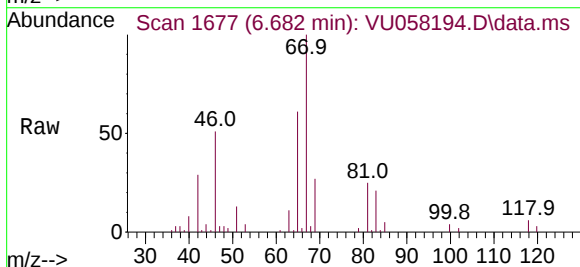
Acq: 22 Mar 2024 16:01

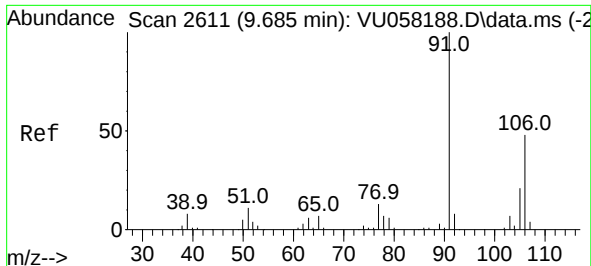
Tgt Ion: 63 Resp: 3002

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#53

m,p-Xylene

Concen: 0.121 ug/L

RT: 9.695 min Scan# 2

Delta R.T. 0.010 min

Lab File: VU058194.D

Acq: 22 Mar 2024 16:01

Instrument :

MSVOA_U

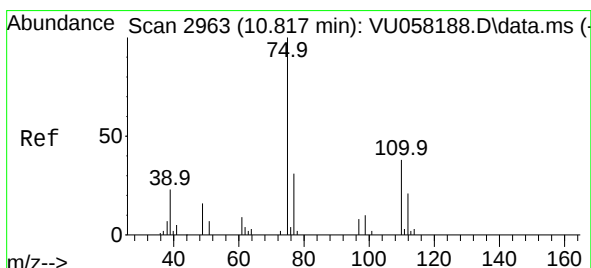
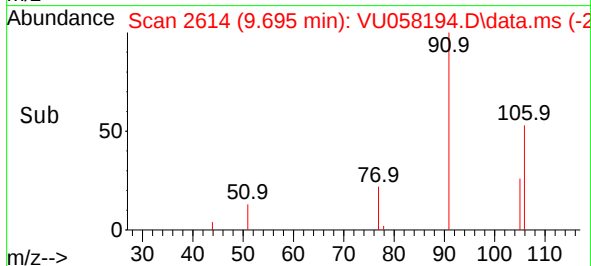
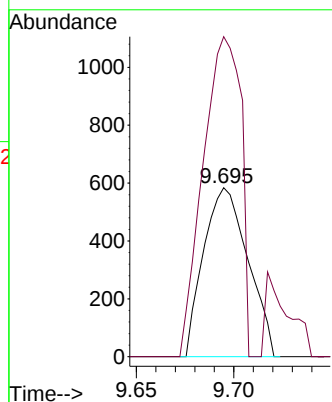
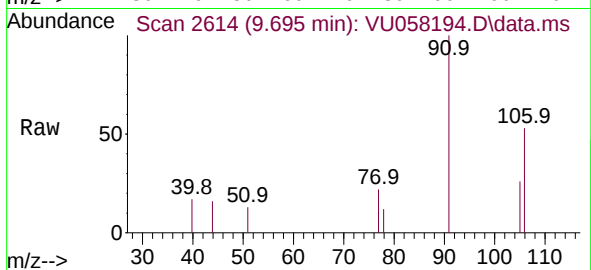
ClientSampleId :

Tgt Ion:106 Resp: 923

Ion Ratio Lower Upper

106 100

91 189.4 151.0 280.4



#61

1,2,3-Trichloropropane

Concen: 1.795 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058194.D

Acq: 22 Mar 2024 16:01

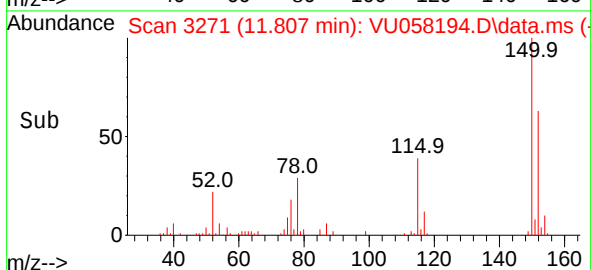
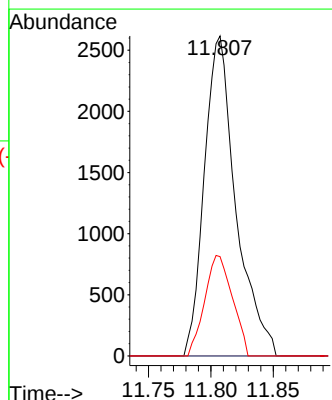
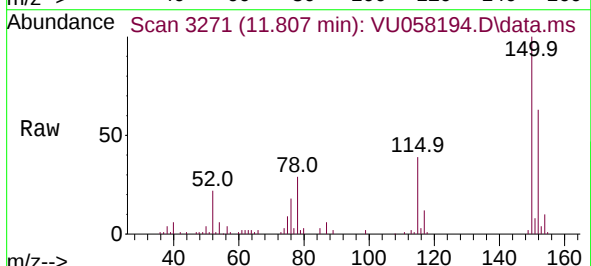
Tgt Ion: 75 Resp: 4610

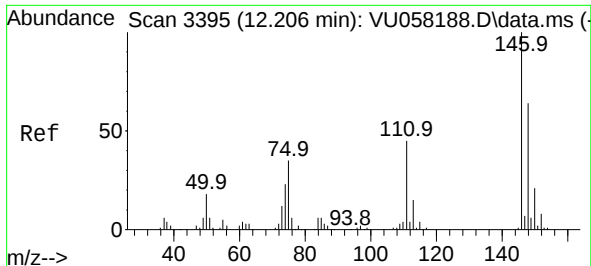
Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 27.5 25.1 37.7





#67

1,2-Dichlorobenzene

Concen: 0.394 ug/L

RT: 12.209 min Scan# 3124

Delta R.T. 0.003 min

Lab File: VU058194.D

Acq: 22 Mar 2024 16:01

Instrument :

MSVOA_U

ClientSampleId :

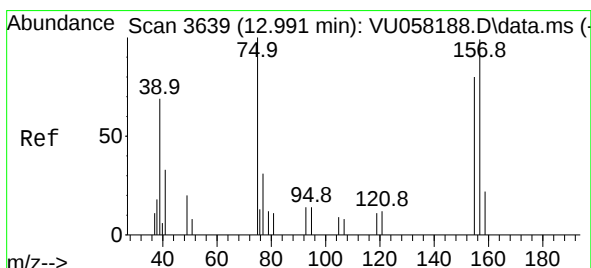
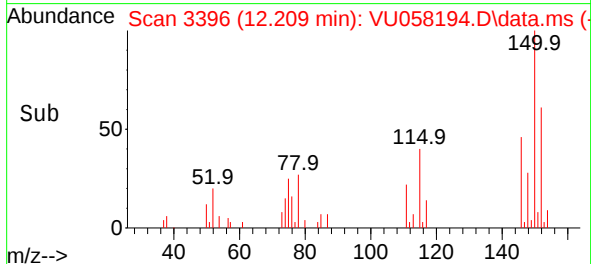
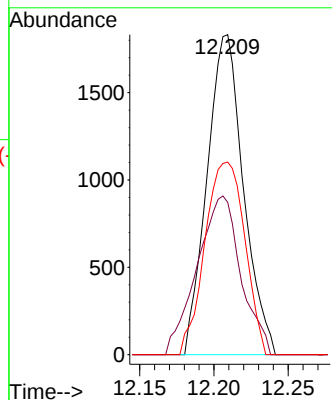
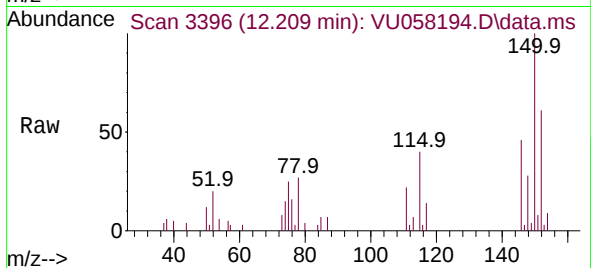
Tgt Ion:146 Resp: 3124

Ion Ratio Lower Upper

146 100

111 47.6 35.9 53.9

148 60.2 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.803 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.222 min

Lab File: VU058194.D

Acq: 22 Mar 2024 16:01

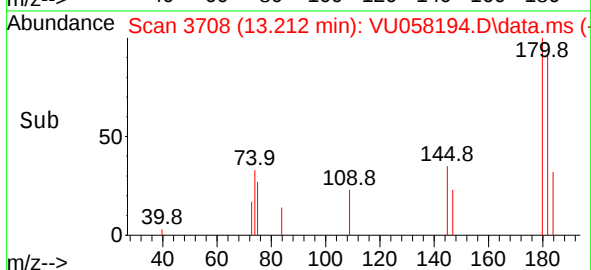
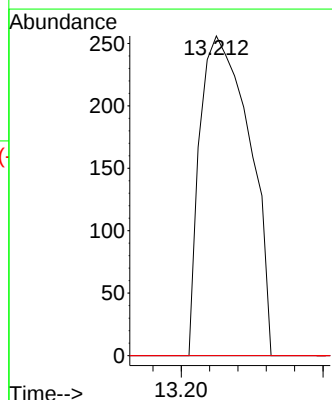
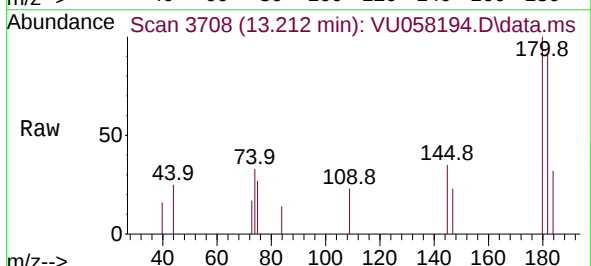
Tgt Ion: 75 Resp: 311

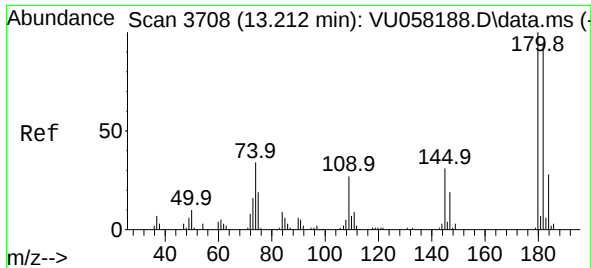
Ion Ratio Lower Upper

75 100

155 0.0 60.2 90.2#

157 0.0 82.6 123.8#





#69

1,3,5-Trichlorobenzene

Concen: 0.315 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

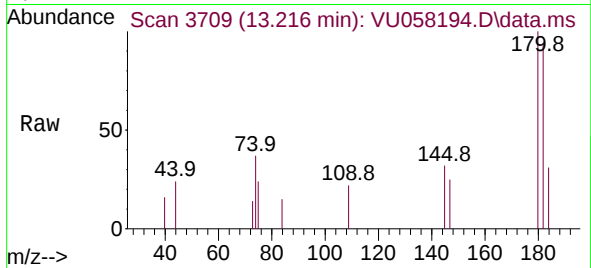
Lab File: VU058194.D

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MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1888

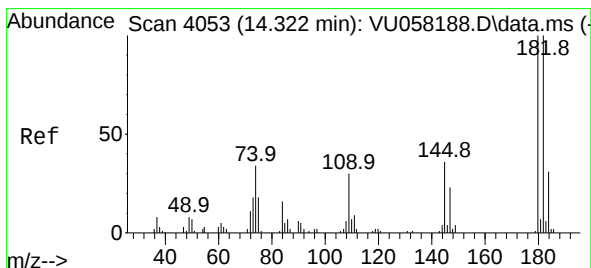
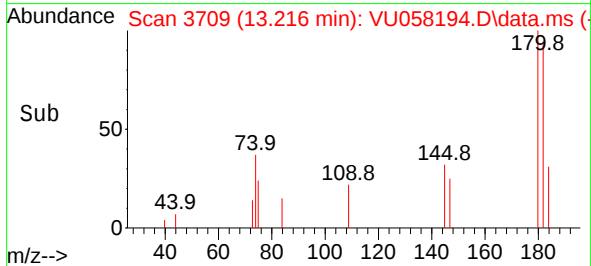
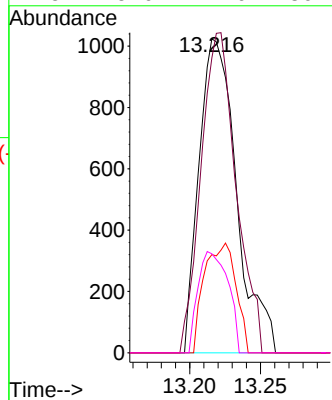
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

184 29.2 24.8 37.2

145 25.6 24.6 36.8



#72

1,2,3-Trichlorobenzene

Concen: 1.458 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU058194.D

Acq: 22 Mar 2024 16:01

Tgt Ion:180 Resp: 5345

Ion Ratio Lower Upper

180 100

182 97.0 74.4 111.6

145 32.2 26.3 39.5

