

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062991.D
 Acq On : 24 Jan 2025 14:24
 Operator : MD/SY
 Sample : Q1174-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 19:05:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

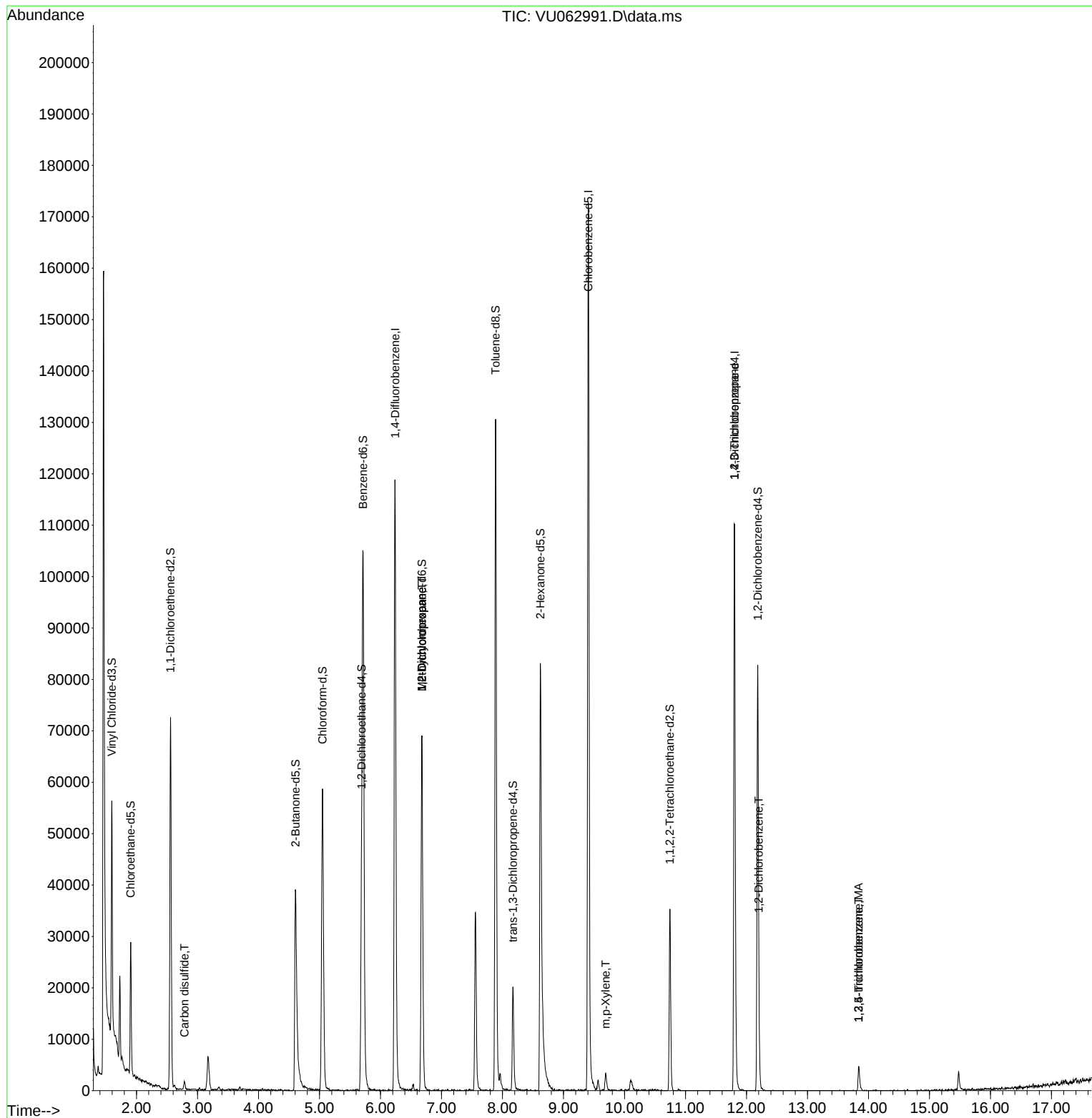
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	96009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30600	5.707	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.200%	
7) Chloroethane-d5	1.904	69	18370	4.259	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.200%	
11) 1,1-Dichloroethene-d2	2.557	65	13828	4.978	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	4.608	46	57919	52.854	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.700%	
24) Chloroform-d	5.049	84	56869	4.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.689	65	32685	4.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.714	84	99130	4.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.679	67	30618	4.705	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.888	98	90100	3.941	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.171	79	13250	4.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.621	63	30587	29.983	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	59.960%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	15912	2.920	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	58.400%#	
66) 1,2-Dichlorobenzene-d4	12.184	152	24281	4.323	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						Qvalue
14) Carbon disulfide	2.785	76	2004	0.104	ug/L	100
35) Methylcyclohexane	6.679	83	8369	0.722	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	4134	0.635	ug/L #	85
53) m,p-Xylene	9.692	106	1329	0.104	ug/L	92
61) 1,2,3-Trichloropropane	11.801	75	2969	0.991	ug/L #	54
67) 1,2-Dichlorobenzene	12.203	146	1751	0.173	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.839	180	2568	0.316	ug/L	90
70) 1,2,4-trichlorobenzene	13.839	180	2568	0.393	ug/L	90

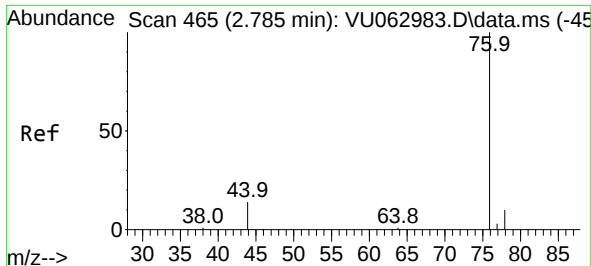
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062991.D
Acq On : 24 Jan 2025 14:24
Operator : MD/SY
Sample : Q1174-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

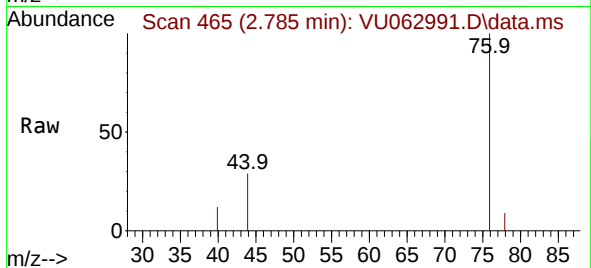
Quant Time: Jan 24 19:05:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration



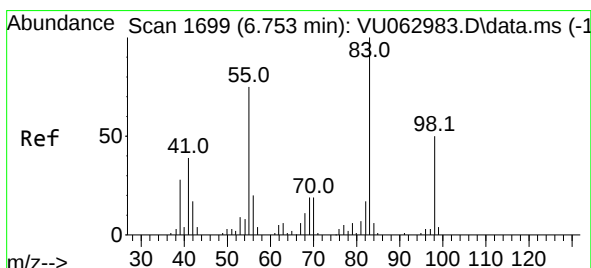
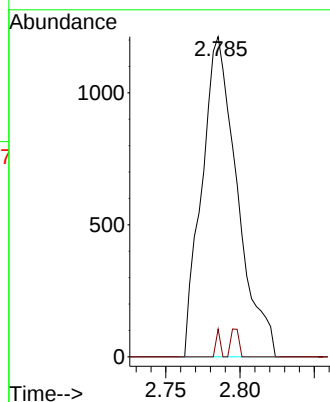
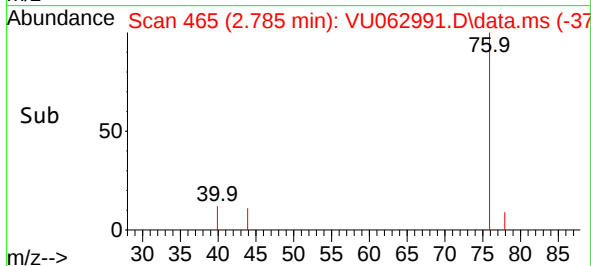


#14
Carbon disulfide
Concen: 0.104 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU062991.D
Acq: 24 Jan 2025 14:24

Instrument :
MSVOA_U
ClientSampleId :

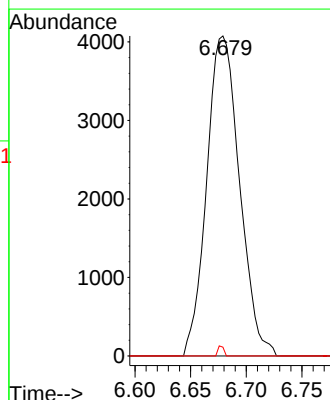
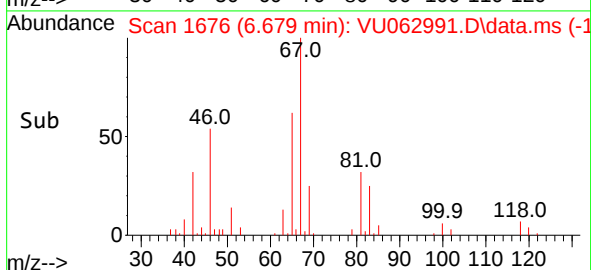
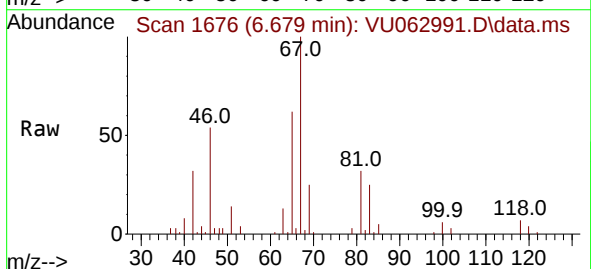


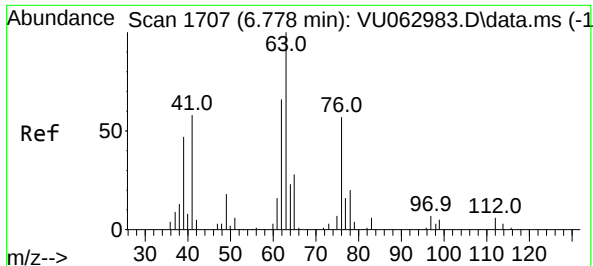
Tgt Ion: 76 Resp: 2004
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062991.D
Acq: 24 Jan 2025 14:24

Tgt Ion: 83 Resp: 8369
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.5 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062991.D

Acq: 24 Jan 2025 14:24

Instrument :

MSVOA_U

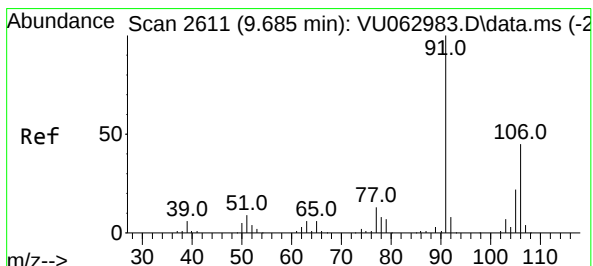
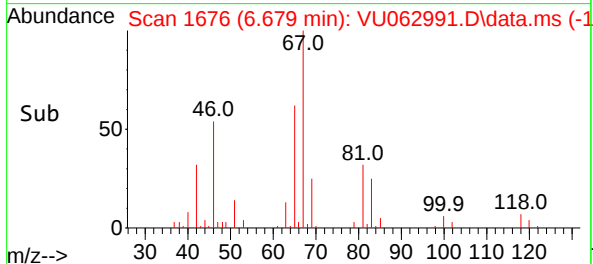
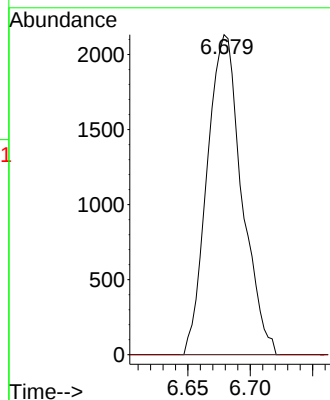
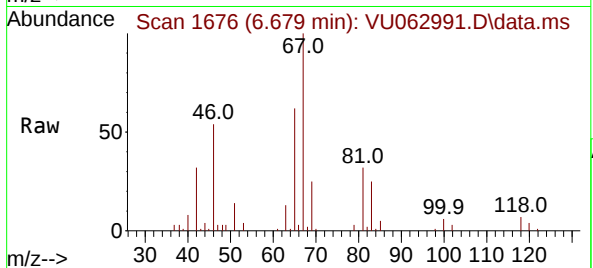
ClientSampleId :

Tgt Ion: 63 Resp: 4134

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#53

m,p-Xylene

Concen: 0.104 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.007 min

Lab File: VU062991.D

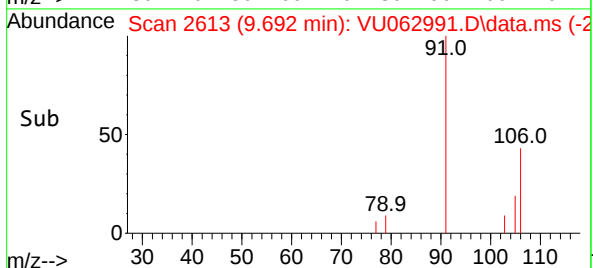
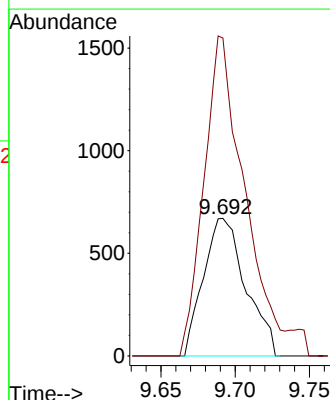
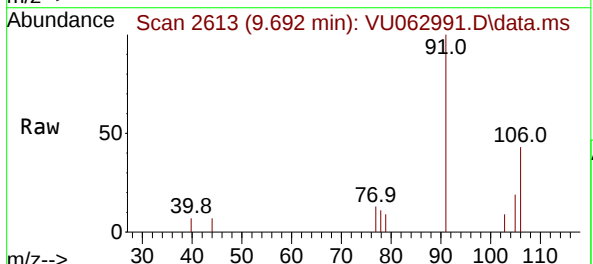
Acq: 24 Jan 2025 14:24

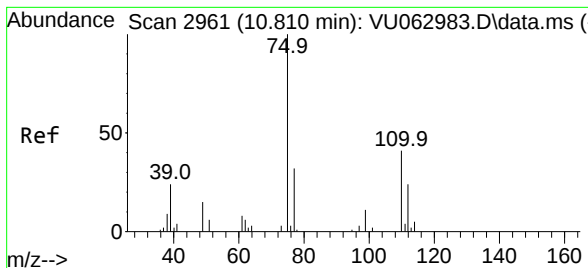
Tgt Ion: 106 Resp: 1329

Ion Ratio Lower Upper

106 100

91 231.2 153.1 284.3





#61

1,2,3-Trichloropropane

Concen: 0.991 ug/L

RT: 11.801 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU062991.D

Acq: 24 Jan 2025 14:24

Instrument :

MSVOA_U

ClientSampleId :

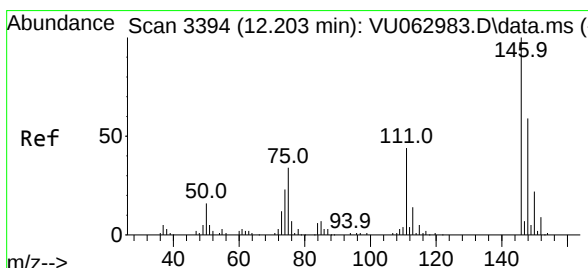
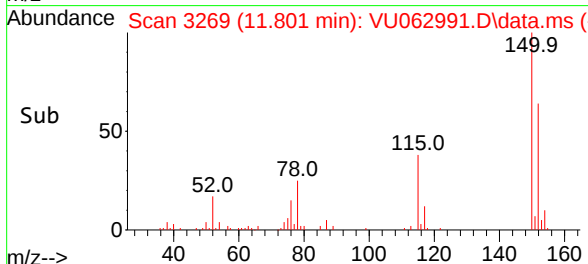
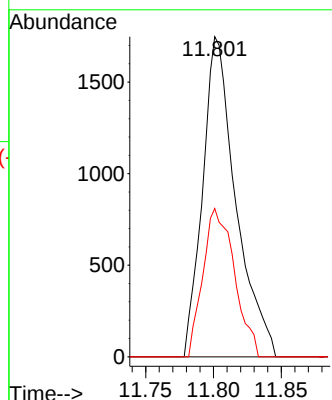
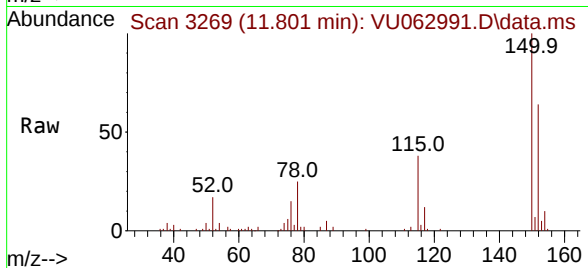
Tgt Ion: 75 Resp: 2969

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 43.9 25.9 38.9#



#67

1,2-Dichlorobenzene

Concen: 0.173 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062991.D

Acq: 24 Jan 2025 14:24

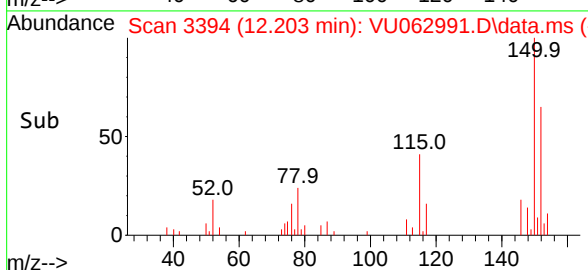
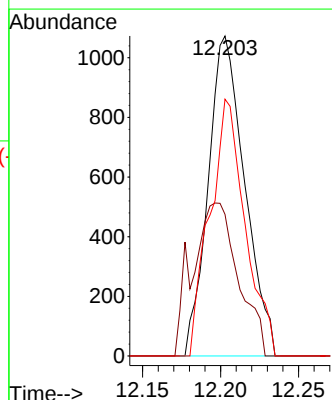
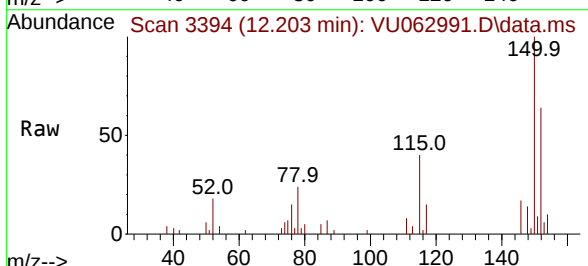
Tgt Ion: 146 Resp: 1751

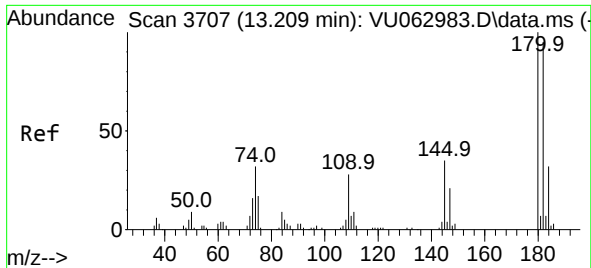
Ion Ratio Lower Upper

146 100

111 44.3 36.3 54.5

148 80.2 52.0 78.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.316 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.630 min

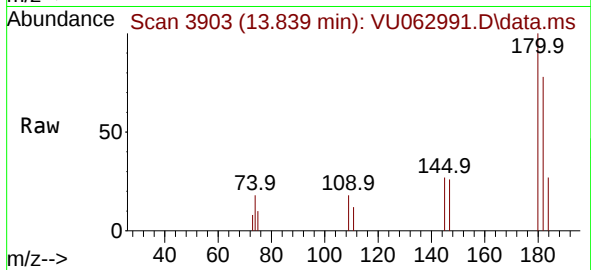
Lab File: VU062991.D

Acq: 24 Jan 2025 14:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2568

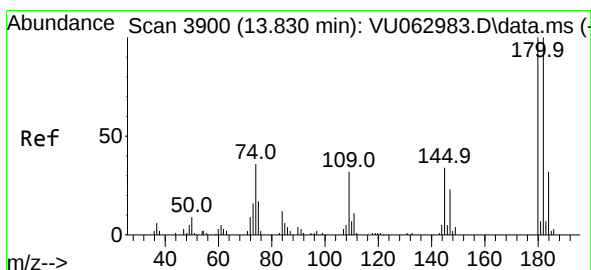
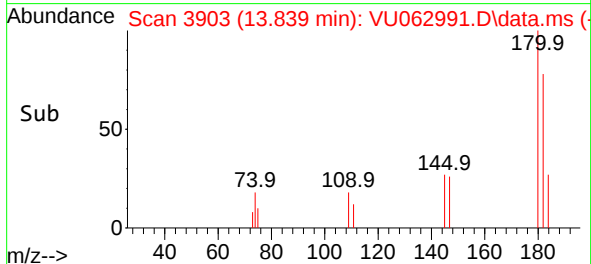
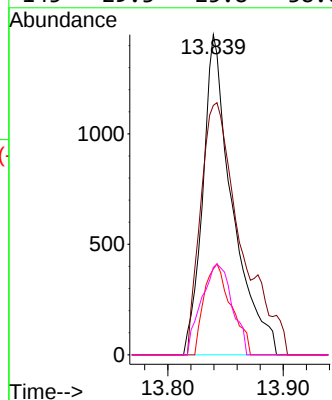
Ion Ratio Lower Upper

180 100

182 106.9 75.8 113.8

184 26.1 24.7 37.1

145 29.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 0.393 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.010 min

Lab File: VU062991.D

Acq: 24 Jan 2025 14:24

Tgt Ion:180 Resp: 2568

Ion Ratio Lower Upper

180 100

182 106.9 77.1 115.7

145 29.3 26.9 40.3

