

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059497.D
 Acq On : 26 Jun 2024 02:07
 Operator : MD/SY
 Sample : P3006-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:19:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

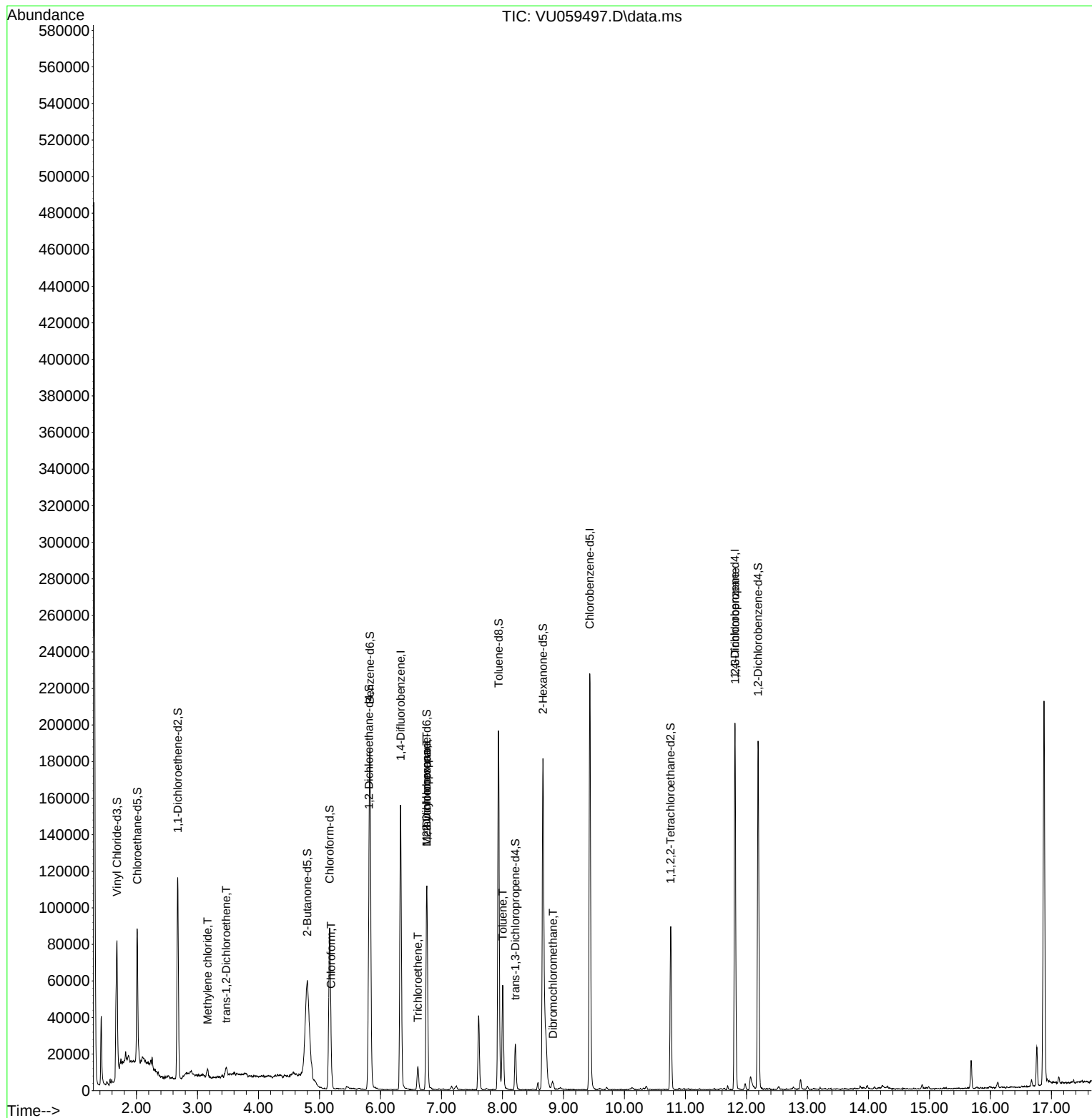
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.329	114	124794	5.000	ug/L	0.09
28) Chlorobenzene-d5	9.431	117	133384	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.811	152	56750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.679	65	52143	6.009	ug/L	0.09
Spiked Amount	5.000	Range	40 - 130	Recovery	= 120.200%	
7) Chloroethane-d5	2.010	69	60192	7.209	ug/L	0.11
Spiked Amount	5.000	Range	65 - 130	Recovery	= 144.200%#	
11) 1,1-Dichloroethene-d2	2.676	65	22053	6.126	ug/L	0.12
Spiked Amount	5.000	Range	60 - 125	Recovery	= 122.600%	
20) 2-Butanone-d5	4.798	46	136988	76.639	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	= 153.280%#	
24) Chloroform-d	5.168	84	85776	4.816	ug/L	0.12
Spiked Amount	5.000	Range	70 - 125	Recovery	= 96.400%	
26) 1,2-Dichloroethane-d4	5.811	65	43790	5.104	ug/L	0.12
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.000%	
32) Benzene-d6	5.827	84	168593	4.593	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	= 91.800%	
36) 1,2-Dichloropropane-d6	6.759	67	54276	4.825	ug/L	0.08
Spiked Amount	5.000	Range	60 - 140	Recovery	= 96.600%	
41) Toluene-d8	7.936	98	137825	4.039	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	= 80.800%	
43) trans-1,3-Dichloroprop...	8.213	79	14880	4.224	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	= 84.400%	
46) 2-Hexanone-d5	8.663	63	63584	43.445	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	= 86.900%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46745	5.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 100.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	53170	5.264	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 105.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.165	84	2057	0.196	ug/L	89
18) trans-1,2-Dichloroethene	3.470	96	1861	0.202	ug/L	94
25) Chloroform	5.190	83	4302	0.241	ug/L	92
34) Trichloroethene	6.612	95	4538	0.414	ug/L	89
35) Methylcyclohexane	6.756	83	12845	0.823	ug/L #	18
37) 1,2-Dichloropropane	6.756	63	5772	0.551	ug/L #	91
42) Toluene	8.004	91	42714	0.996	ug/L	97
49) Dibromochloromethane	8.830	129	1450	0.169	ug/L	92
61) 1,2,3-Trichloropropane	11.814	75	6516	1.242	ug/L #	68

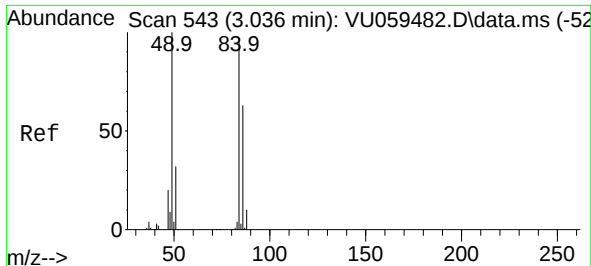
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.196 ug/L

RT: 3.165 min Scan# 51

Delta R.T. 0.129 min

Lab File: VU059497.D

Acq: 26 Jun 2024 02:07

Instrument :

MSVOA_U

ClientSampleId :

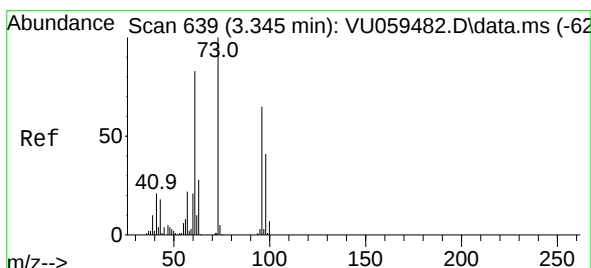
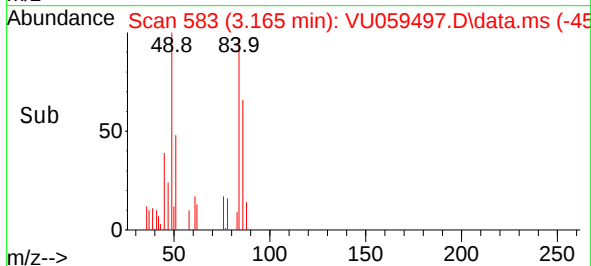
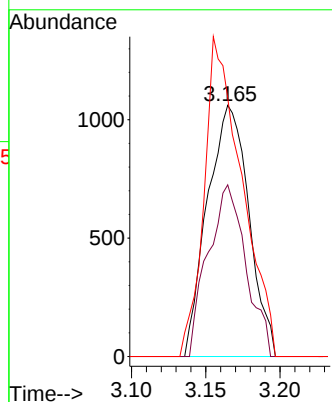
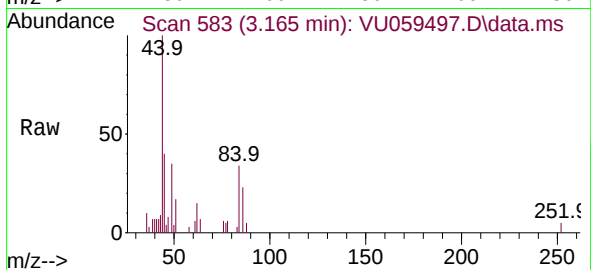
Tgt Ion: 84 Resp: 2057

Ion Ratio Lower Upper

84 100

86 68.3 42.1 78.1

49 103.0 80.6 149.8



#18

trans-1,2-Dichloroethene

Concen: 0.202 ug/L

RT: 3.470 min Scan# 678

Delta R.T. 0.126 min

Lab File: VU059497.D

Acq: 26 Jun 2024 02:07

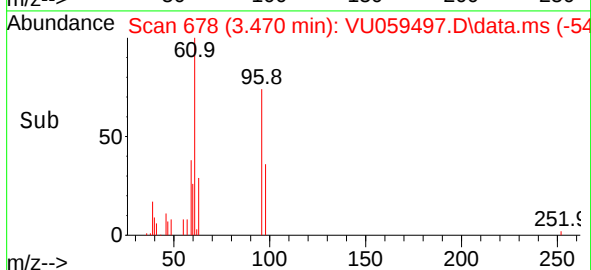
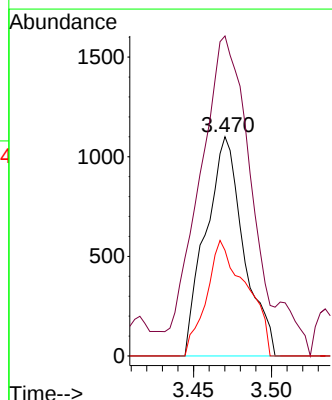
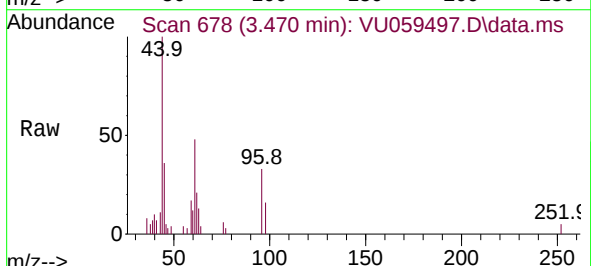
Tgt Ion: 96 Resp: 1861

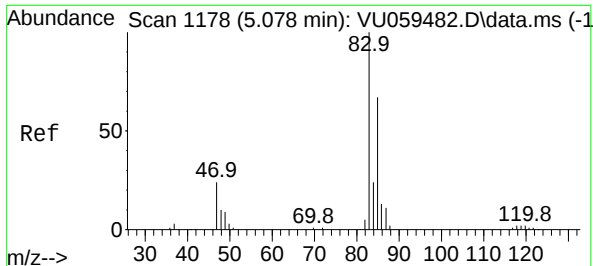
Ion Ratio Lower Upper

96 100

61 146.0 101.8 189.0

98 48.2 43.3 80.5





#25

Chloroform

Concen: 0.241 ug/L

RT: 5.190 min Scan# 1178

Delta R.T. 0.113 min

Lab File: VU059497.D

Acq: 26 Jun 2024 02:07

Instrument :

MSVOA_U

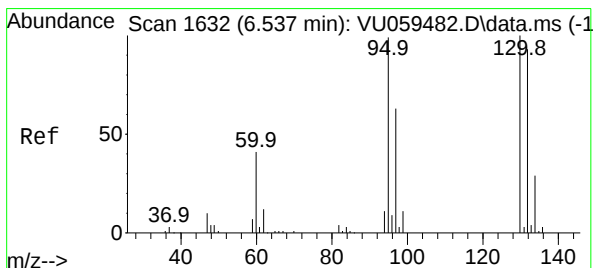
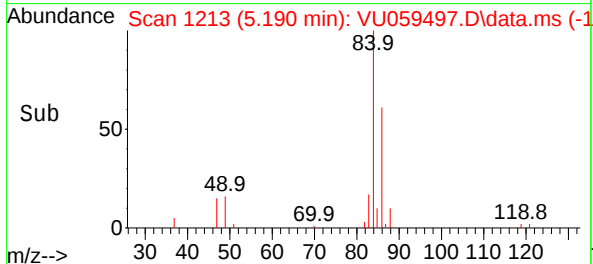
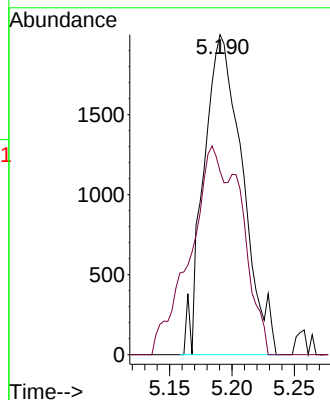
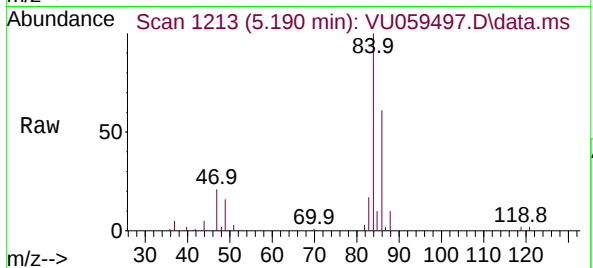
ClientSampleId :

Tgt Ion: 83 Resp: 4302

Ion Ratio Lower Upper

83 100

85 57.3 44.7 83.1



#34

Trichloroethene

Concen: 0.414 ug/L

RT: 6.612 min Scan# 1655

Delta R.T. 0.074 min

Lab File: VU059497.D

Acq: 26 Jun 2024 02:07

Tgt Ion: 95 Resp: 4538

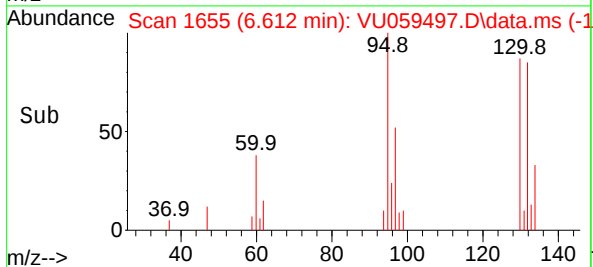
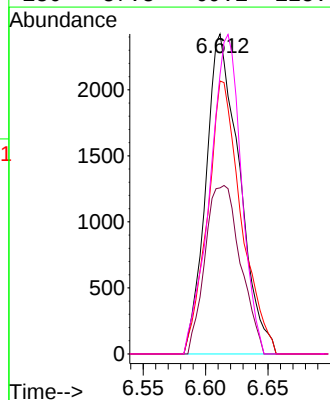
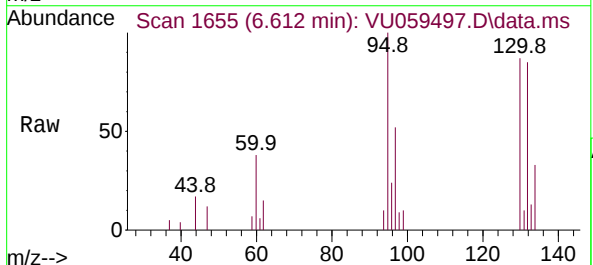
Ion Ratio Lower Upper

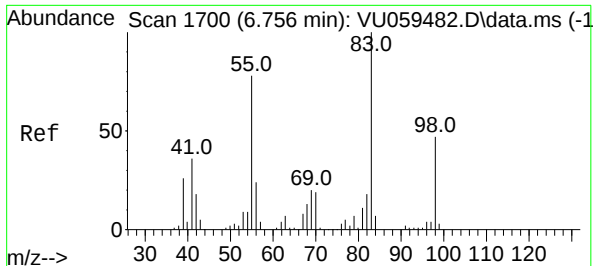
95 100

97 51.9 45.3 84.1

132 85.3 64.0 119.0

130 87.3 69.1 128.3





#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059497.D

Acq: 26 Jun 2024 02:07

Instrument :

MSVOA_U

ClientSampleId :

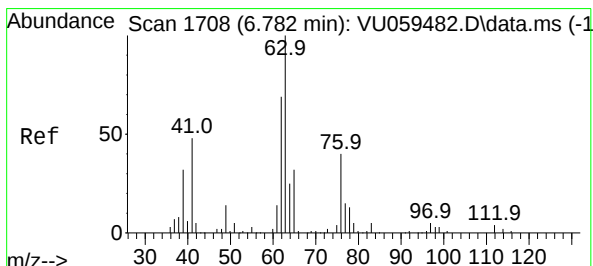
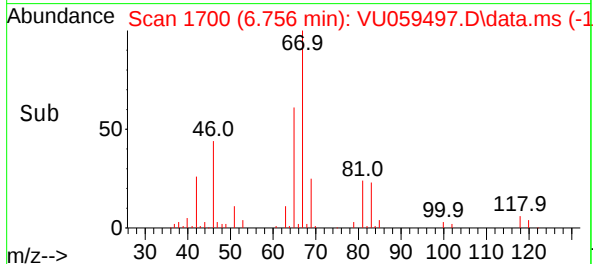
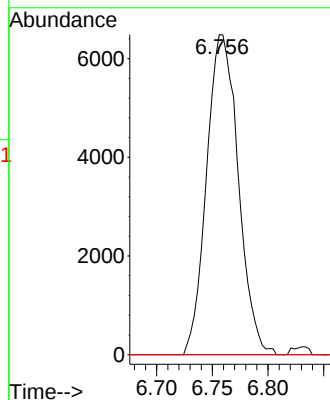
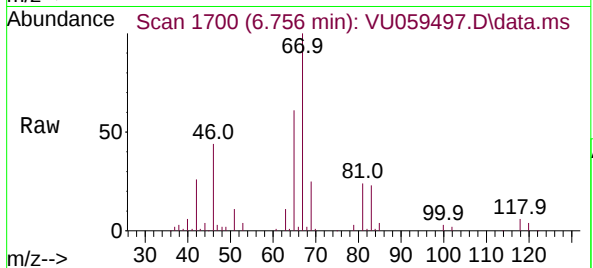
Tgt Ion: 83 Resp: 12845

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.3 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.026 min

Lab File: VU059497.D

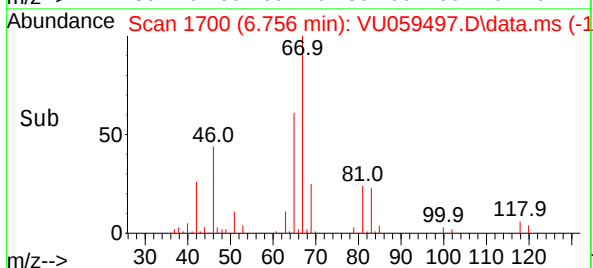
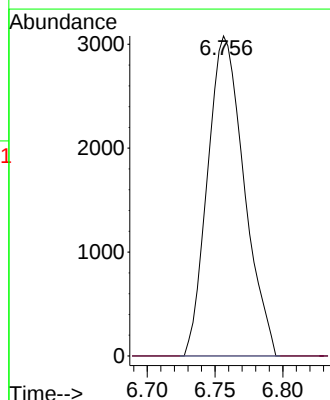
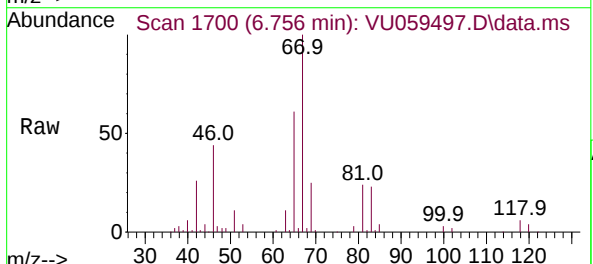
Acq: 26 Jun 2024 02:07

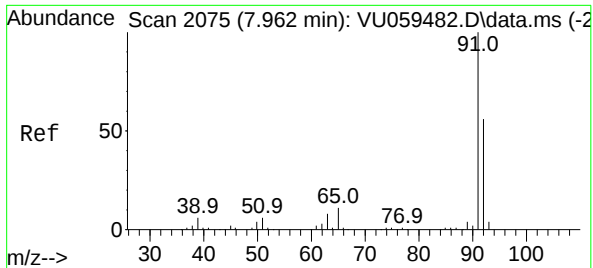
Tgt Ion: 63 Resp: 5772

Ion Ratio Lower Upper

63 100

112 0.3 2.6 3.8#





#42

Toluene

Concen: 0.996 ug/L

RT: 8.004 min Scan# 2075

Delta R.T. 0.042 min

Lab File: VU059497.D

Acq: 26 Jun 2024 02:07

Instrument :

MSVOA_U

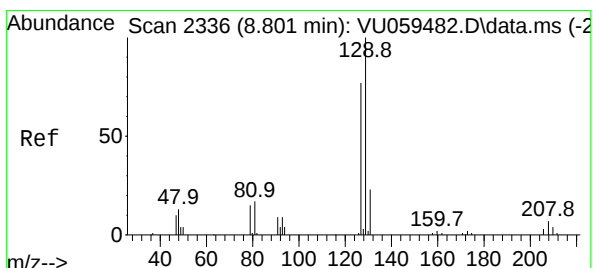
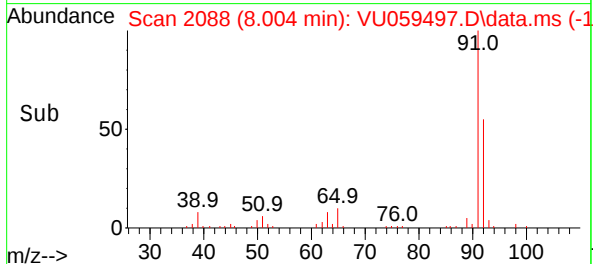
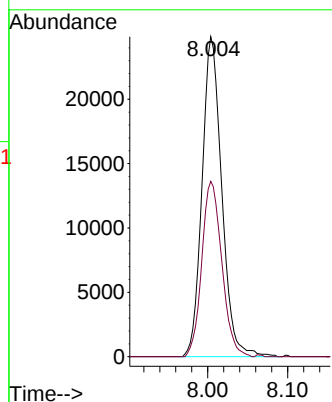
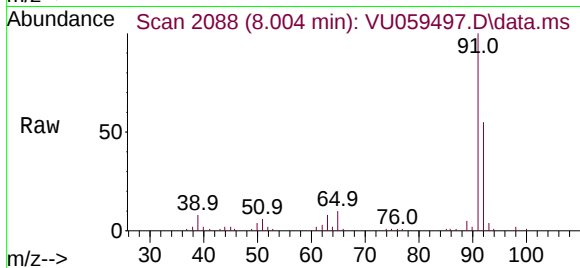
ClientSampleId :

Tgt Ion: 91 Resp: 42714

Ion Ratio Lower Upper

91 100

92 54.8 39.7 73.7



#49

Dibromochloromethane

Concen: 0.169 ug/L

RT: 8.830 min Scan# 2345

Delta R.T. 0.029 min

Lab File: VU059497.D

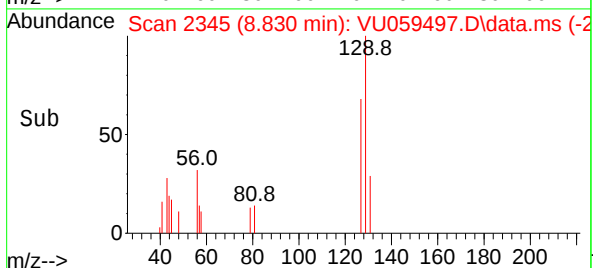
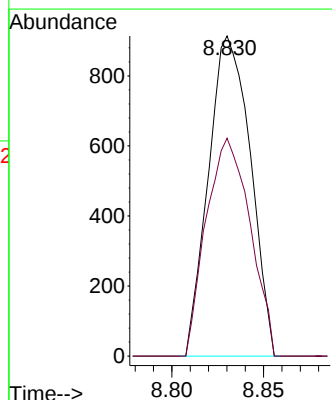
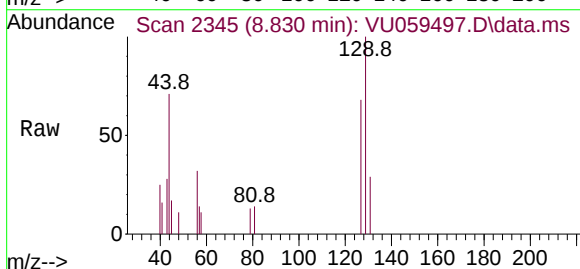
Acq: 26 Jun 2024 02:07

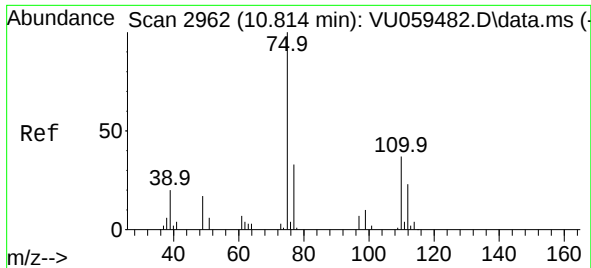
Tgt Ion: 129 Resp: 1450

Ion Ratio Lower Upper

129 100

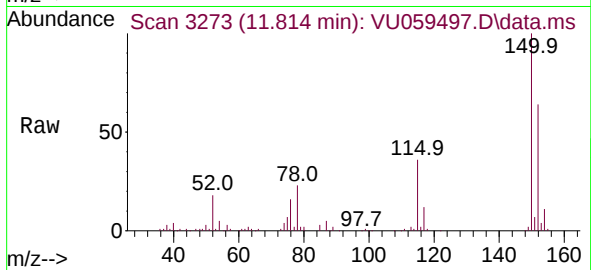
127 68.1 52.5 97.5





#61
 1,2,3-Trichloropropane
 Concen: 1.242 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 1.000 min
 Lab File: VU059497.D
 Acq: 26 Jun 2024 02:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6516
 Ion Ratio Lower Upper
 75 100
 110 1.1 27.1 40.7#
 77 34.5 25.4 38.2

