

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032724\
 Data File : VU058230.D
 Acq On : 27 Mar 2024 15:47
 Operator : MD/SY
 Sample : P1866-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

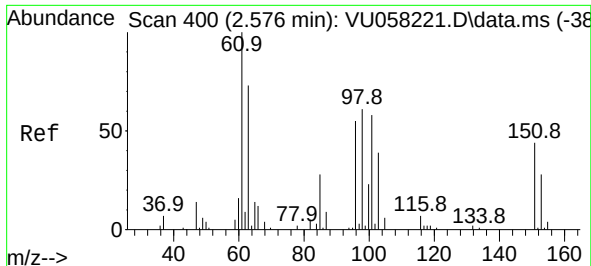
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 04:48:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 28 04:46:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23766	4.072	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.400%		
7) Chloroethane-d5	1.907	69	22759	4.777	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.600%		
11) 1,1-Dichloroethene-d2	2.560	65	10052	4.148	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	83.000%		
20) 2-Butanone-d5	4.624	46	55488	53.516	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	107.040%		
24) Chloroform-d	5.055	84	50174	4.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.200%		
26) 1,2-Dichloroethane-d4	5.695	65	25113	5.148	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	103.000%		
32) Benzene-d6	5.721	84	98632	4.573	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.400%		
36) 1,2-Dichloropropane-d6	6.682	67	32883	5.173	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	103.400%		
41) Toluene-d8	7.891	98	79618	4.167	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.400%		
43) trans-1,3-Dichloroprop...	8.177	79	9396	4.613	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	92.200%		
46) 2-Hexanone-d5	8.627	63	41327	50.099	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	100.200%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21493	5.190	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	103.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	26568	4.990	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	927	0.224	ug/L #	67
12) 1,1-Dichloroethene	2.573	96	1286	0.371	ug/L #	1
16) Methylene chloride	3.042	84	1015	0.207	ug/L	71
22) cis-1,2-Dichloroethene	4.660	96	5355	1.198	ug/L	98
25) Chloroform	5.078	83	2004	0.235	ug/L	92
34) Trichloroethene	6.534	95	41396	9.110	ug/L	98
35) Methylcyclohexane	6.682	83	7181	1.133	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3379	0.693	ug/L #	90
47) Tetrachloroethene	8.547	164	7145	2.347	ug/L	97
49) Dibromochloromethane	8.547	129	7129	2.123	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3816	1.594	ug/L #	66

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.224 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

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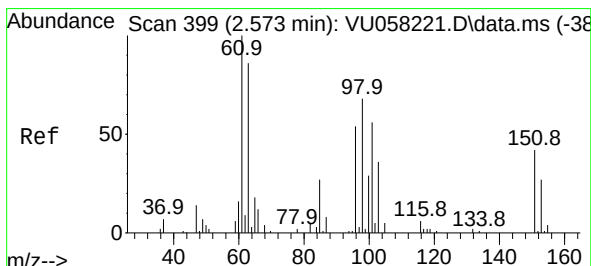
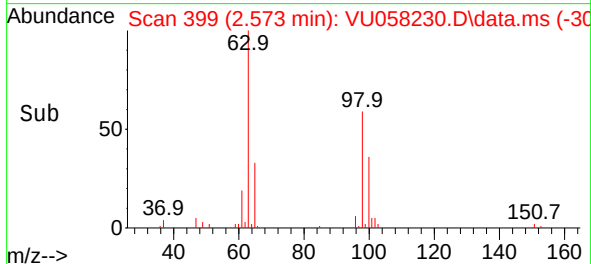
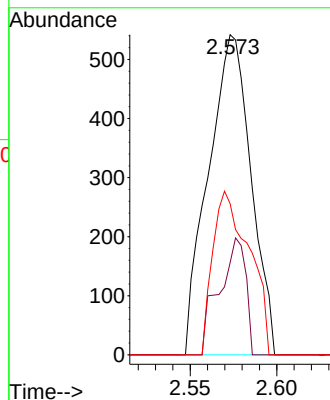
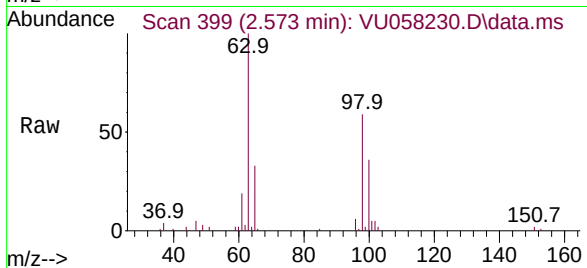
Tgt Ion:101 Resp: 927

Ion Ratio Lower Upper

101 100

85 22.7 37.9 56.9#

151 43.8 55.3 82.9#



#12

1,1-Dichloroethene

Concen: 0.371 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058230.D

Acq: 27 Mar 2024 15:47

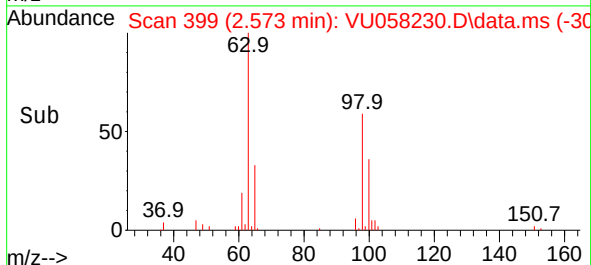
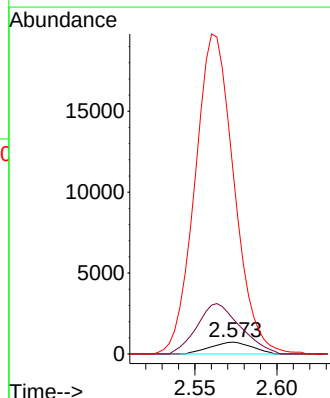
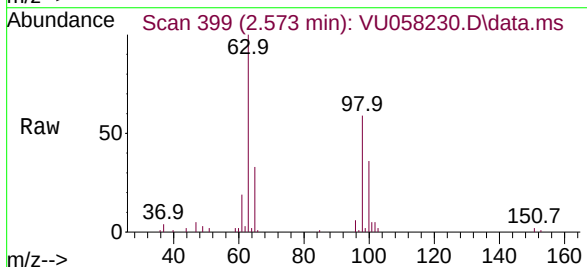
Tgt Ion: 96 Resp: 1286

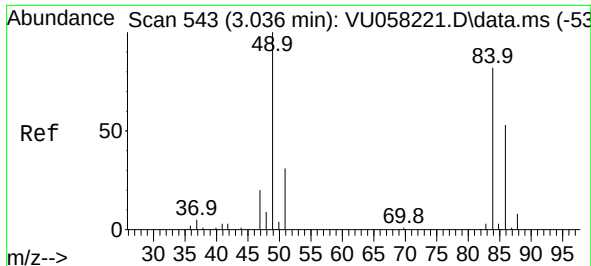
Ion Ratio Lower Upper

96 100

61 299.6 128.1 237.9#

63 1575.3 116.8 217.0#





#16

Methylene chloride

Concen: 0.207 ug/L

RT: 3.042 min Scan# 543

Delta R.T. 0.006 min

Lab File: VU058230.D

Acq: 27 Mar 2024 15:47

Instrument :

MSVOA_U

ClientSampleId :

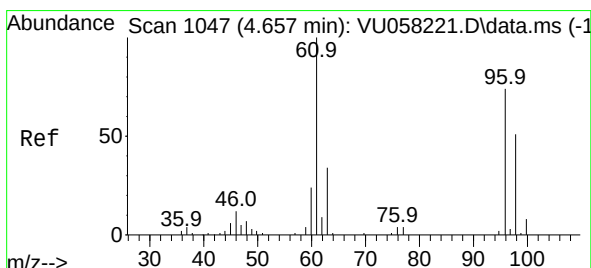
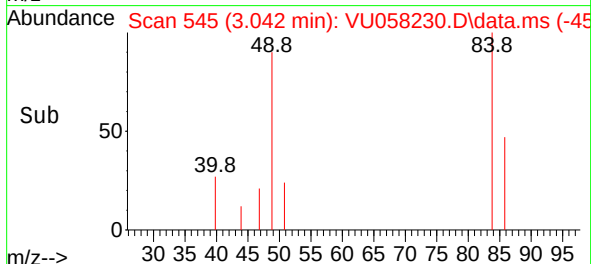
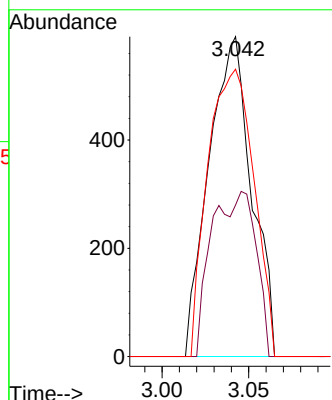
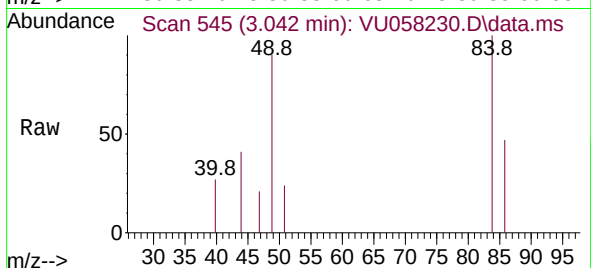
Tgt Ion: 84 Resp: 1015

Ion Ratio Lower Upper

84 100

86 47.4 45.6 84.6

49 89.8 88.3 163.9



#22

cis-1,2-Dichloroethene

Concen: 1.198 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU058230.D

Acq: 27 Mar 2024 15:47

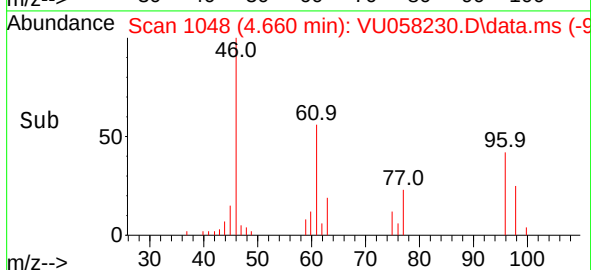
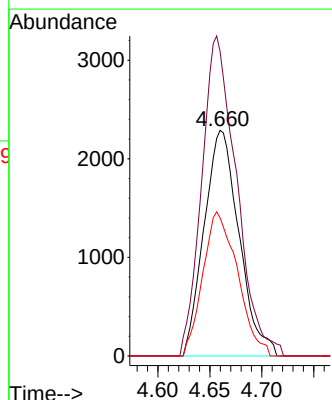
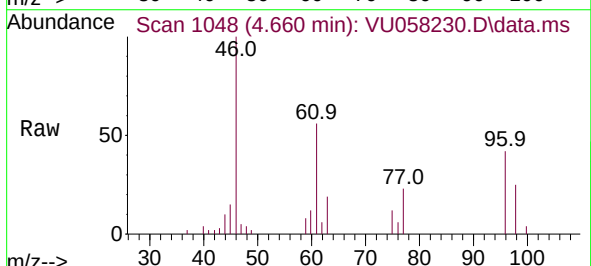
Tgt Ion: 96 Resp: 5355

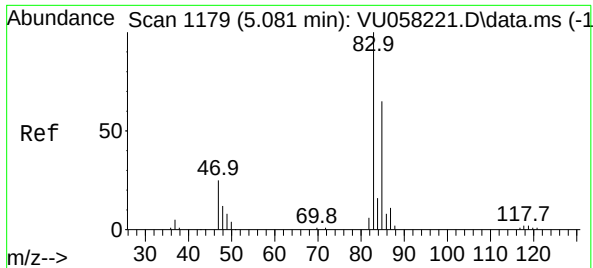
Ion Ratio Lower Upper

96 100

61 135.1 92.8 172.4

98 61.3 43.2 80.2





#25

Chloroform

Concen: 0.235 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU058230.D

Acq: 27 Mar 2024 15:47

Instrument :

MSVOA_U

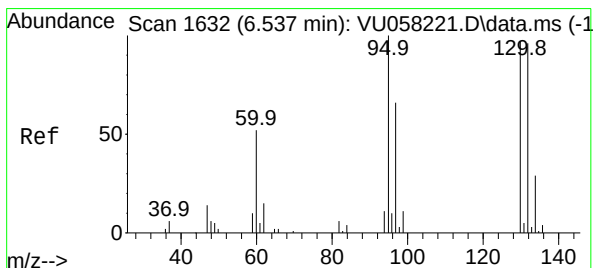
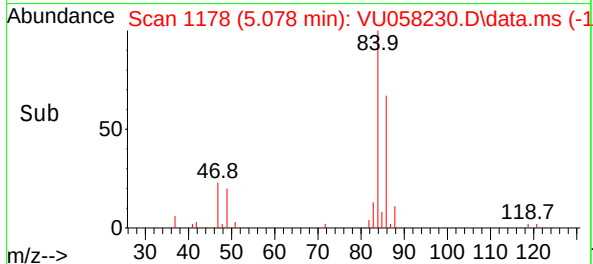
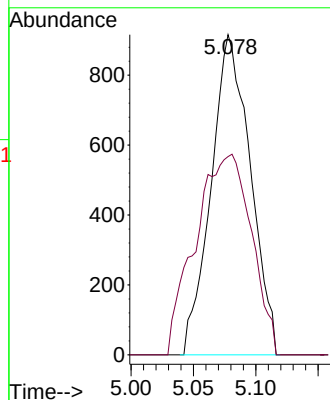
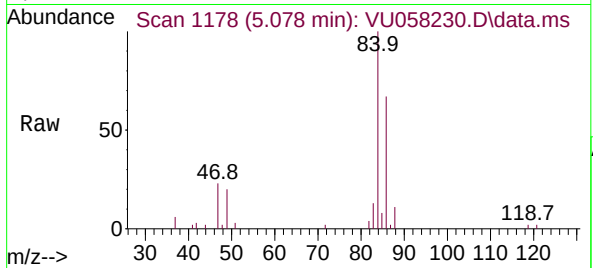
ClientSampleId :

Tgt Ion: 83 Resp: 2004

Ion Ratio Lower Upper

83 100

85 61.9 47.9 88.9



#34

Trichloroethene

Concen: 9.110 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU058230.D

Acq: 27 Mar 2024 15:47

Tgt Ion: 95 Resp: 41396

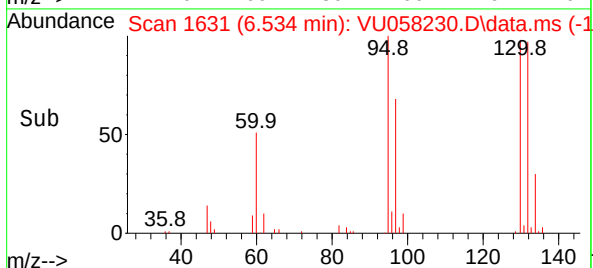
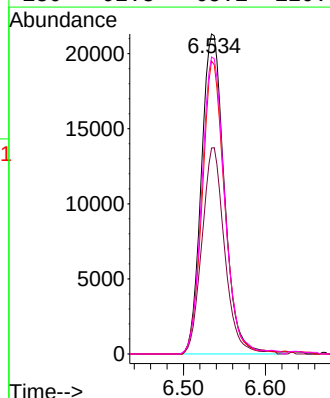
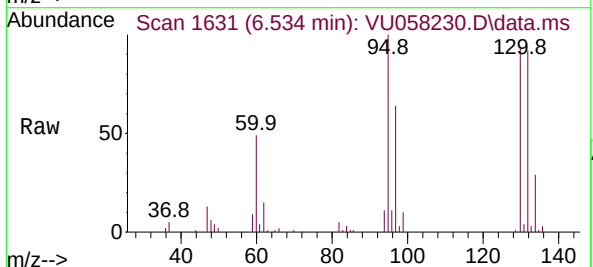
Ion Ratio Lower Upper

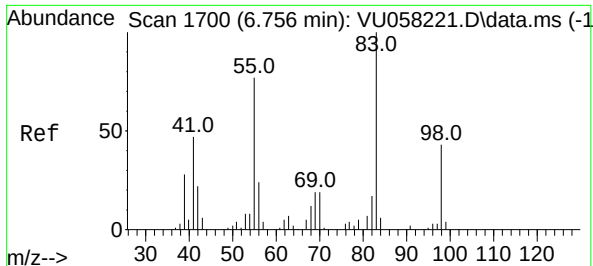
95 100

97 64.3 47.7 88.7

132 91.6 63.6 118.2

130 92.8 65.1 120.9





#35

Methylcyclohexane

Concen: 1.133 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058230.D

Acq: 27 Mar 2024 15:47

Instrument :

MSVOA_U

ClientSampleId :

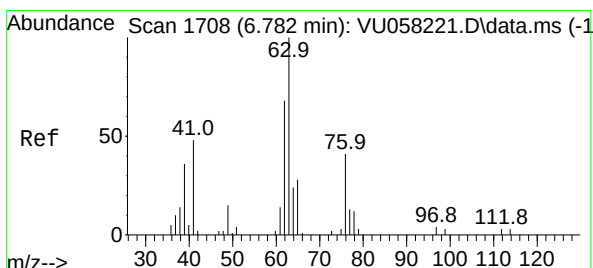
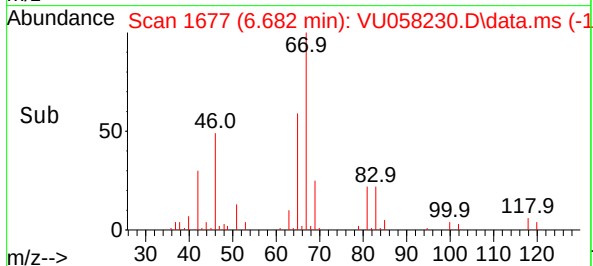
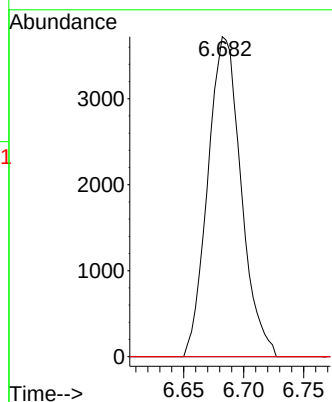
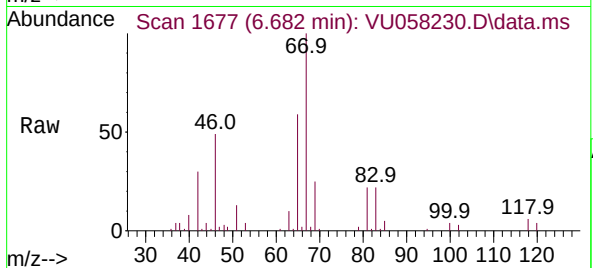
Tgt Ion: 83 Resp: 7181

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: 0.693 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU058230.D

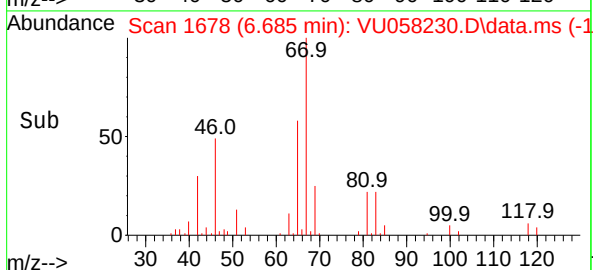
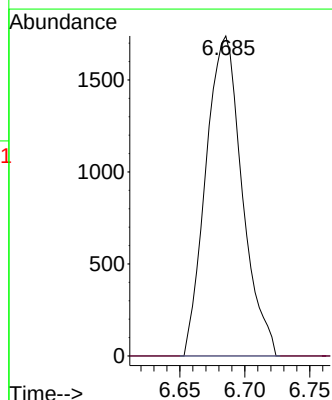
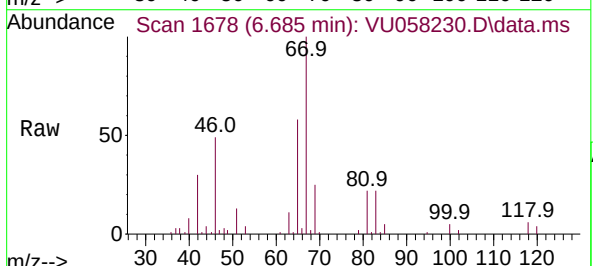
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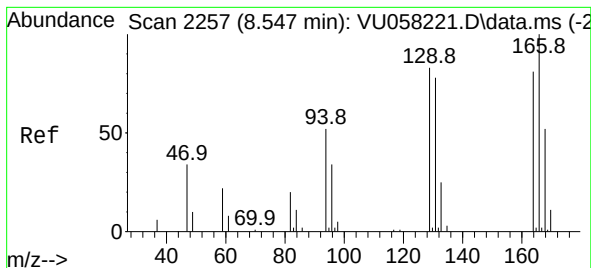
Tgt Ion: 63 Resp: 3379

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 2.347 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

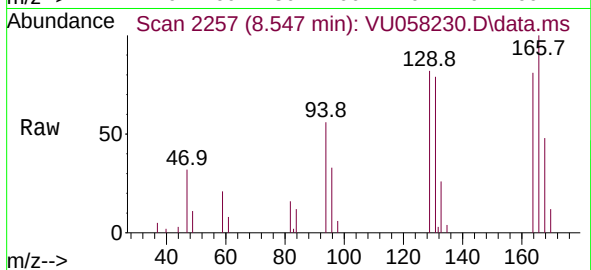
Lab File: VU058230.D

Acq: 27 Mar 2024 15:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 7145

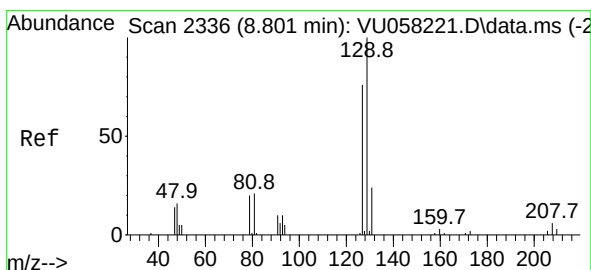
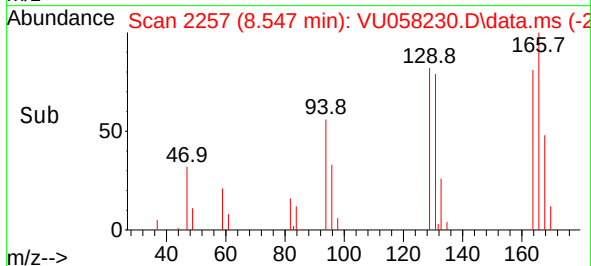
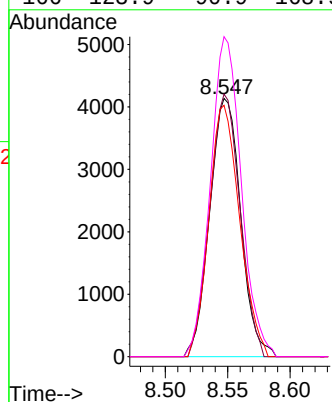
Ion Ratio Lower Upper

164 100

129 101.7 71.3 132.3

131 97.4 70.8 131.4

166 123.9 90.9 168.9



#49

Dibromochloromethane

Concen: 2.123 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058230.D

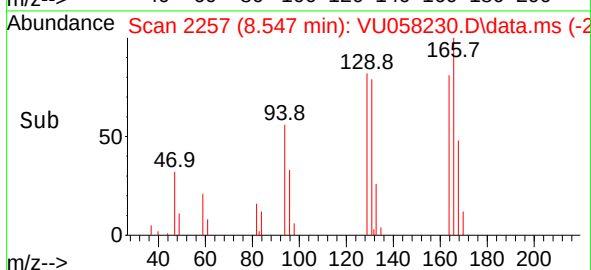
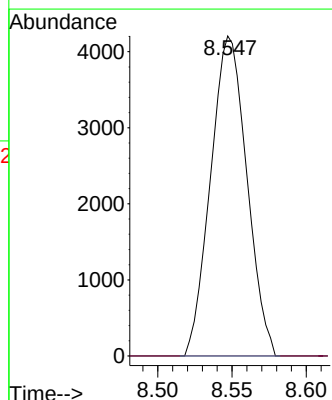
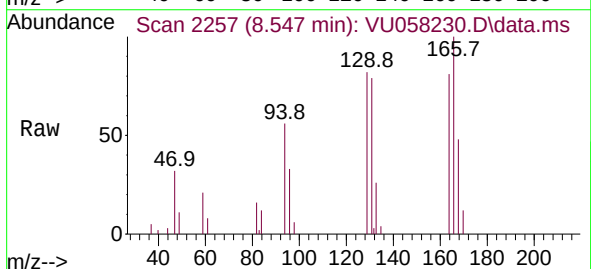
Acq: 27 Mar 2024 15:47

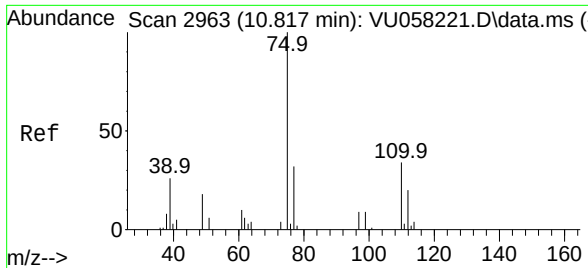
Tgt Ion:129 Resp: 7129

Ion Ratio Lower Upper

129 100

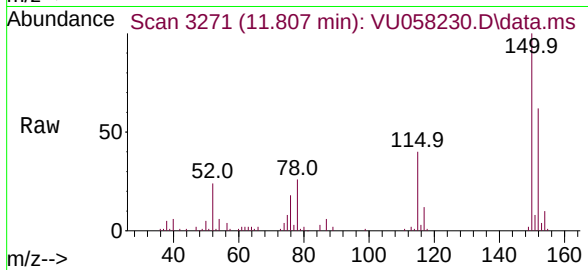
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.594 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058230.D
 Acq: 27 Mar 2024 15:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3816
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 33.4 25.1 37.7

