

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058361.D
 Acq On : 03 Apr 2024 14:10
 Operator : MD/SY
 Sample : P1902-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 01:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 01:17:39 2024
 Response via : Initial Calibration

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

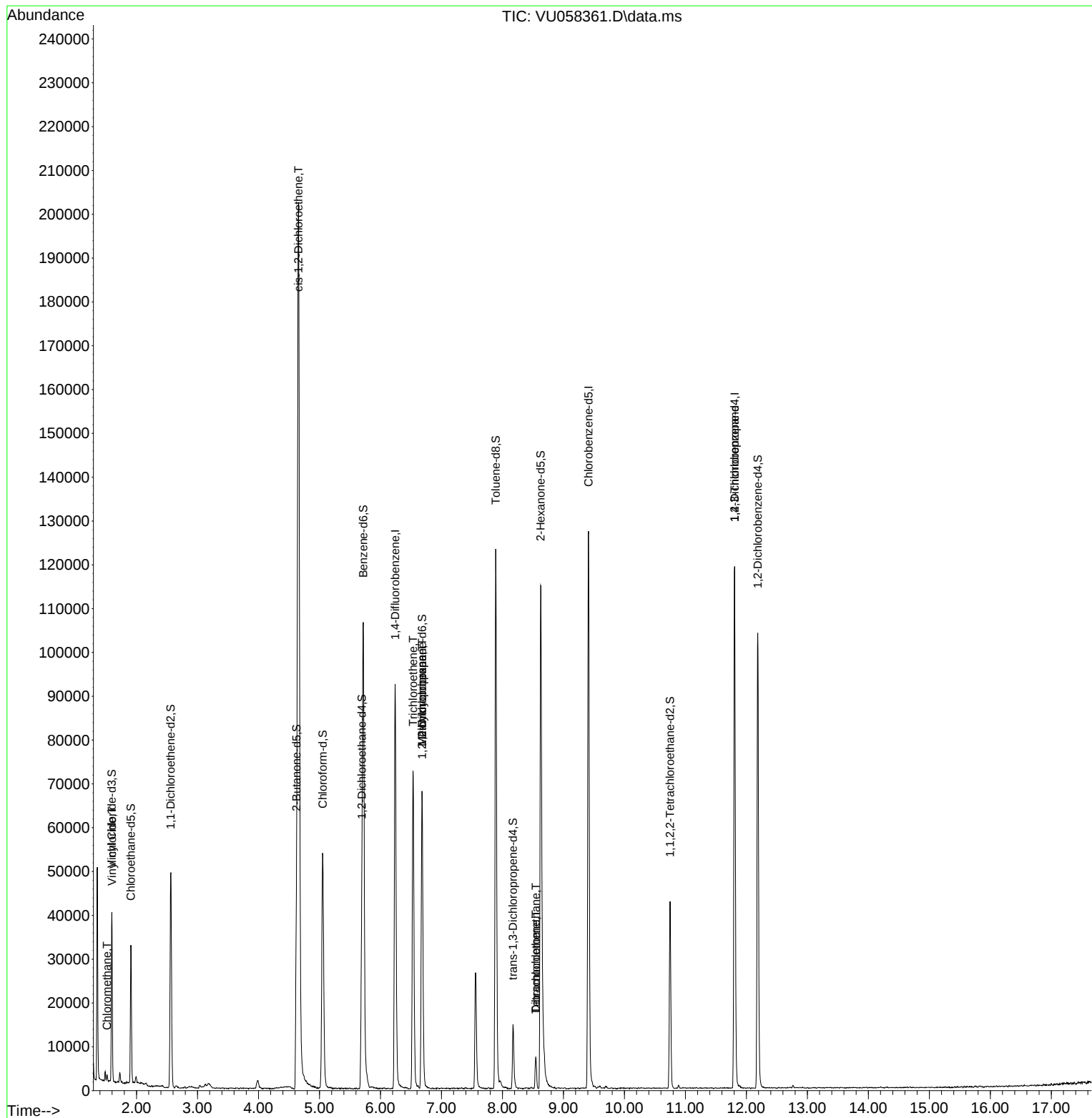
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75676	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72810	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21286	3.328	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	66.600%		
7) Chloroethane-d5	1.907	69	22009	4.216	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.400%		
11) 1,1-Dichloroethene-d2	2.560	65	9756	3.674	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	73.400%		
20) 2-Butanone-d5	4.624	46	58821	51.773	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	103.540%		
24) Chloroform-d	5.052	84	50671	4.432	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.600%		
26) 1,2-Dichloroethane-d4	5.695	65	25372	4.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.000%		
32) Benzene-d6	5.718	84	101423	4.289	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.800%		
36) 1,2-Dichloropropane-d6	6.682	67	33359	4.786	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.800%		
41) Toluene-d8	7.891	98	83645	3.993	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.800%		
43) trans-1,3-Dichloroprop...	8.174	79	9034	4.045	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.000%		
46) 2-Hexanone-d5	8.627	63	41858	46.282	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.560%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22546	4.965	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	27882	4.696	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.000%		
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1084	0.273	ug/L	91
5) Vinyl chloride	1.599	62	3395	0.783	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	102762	20.975	ug/L	98
34) Trichloroethene	6.534	95	25530	5.124	ug/L	96
35) Methylcyclohexane	6.682	83	7199	1.036	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3430	0.642	ug/L #	90
47) Tetrachloroethene	8.550	164	1554	0.466	ug/L	83
49) Dibromochloromethane	8.547	129	1626	0.442	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4388	1.643	ug/L #	66

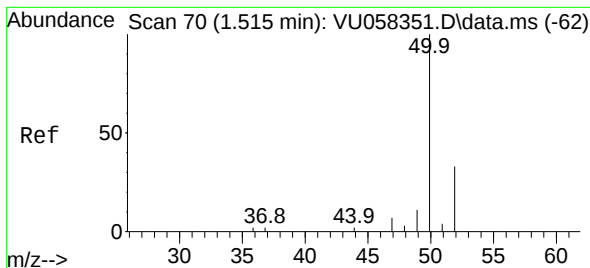
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.273 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058361.D

Acq: 03 Apr 2024 14:10

Instrument :

MSVOA_U

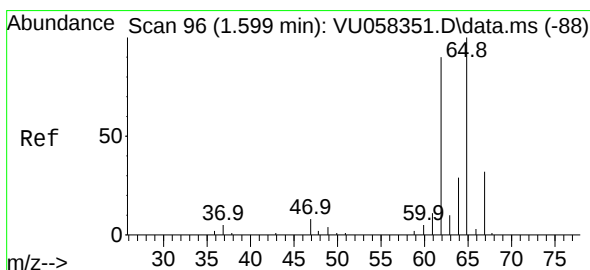
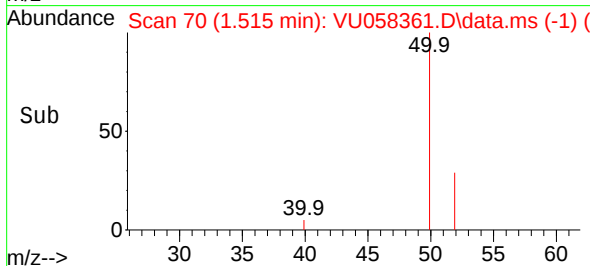
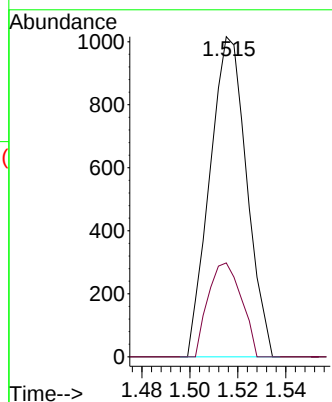
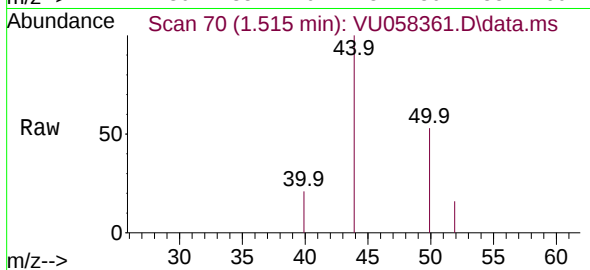
ClientSampleId :

Tgt Ion: 50 Resp: 1084

Ion Ratio Lower Upper

50 100

52 29.3 24.2 45.0



#5

Vinyl chloride

Concen: 0.783 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058361.D

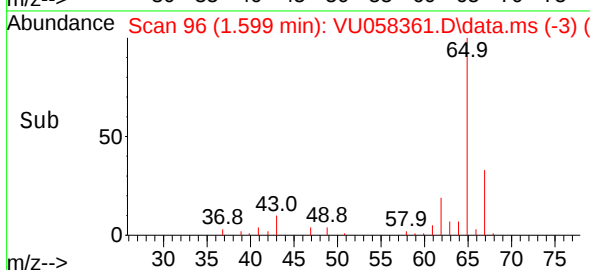
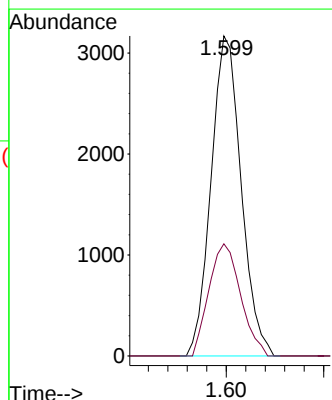
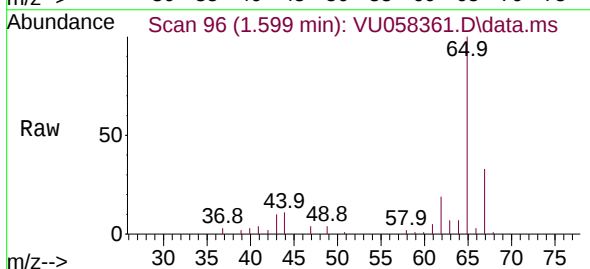
Acq: 03 Apr 2024 14:10

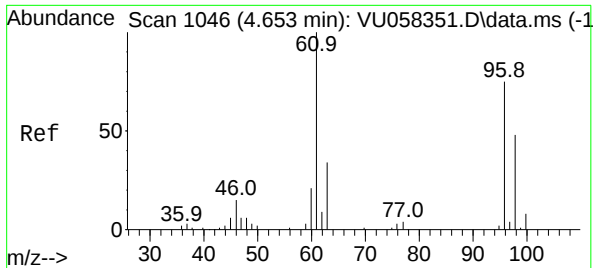
Tgt Ion: 62 Resp: 3395

Ion Ratio Lower Upper

62 100

64 35.1 23.4 43.6

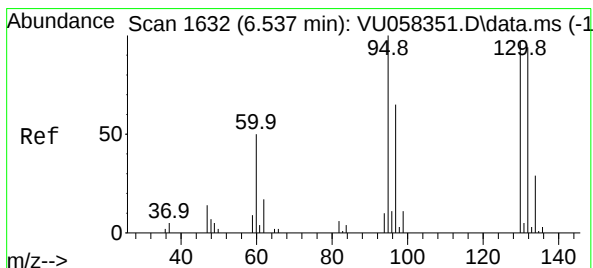
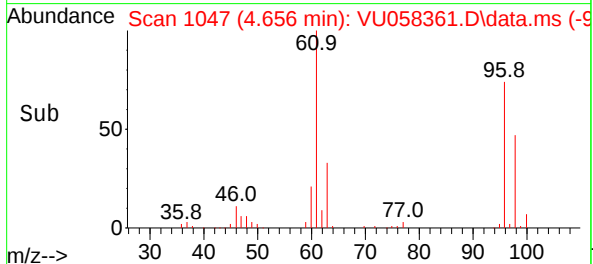
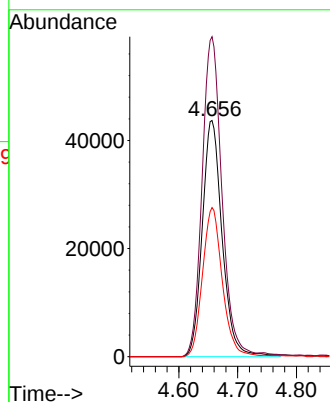
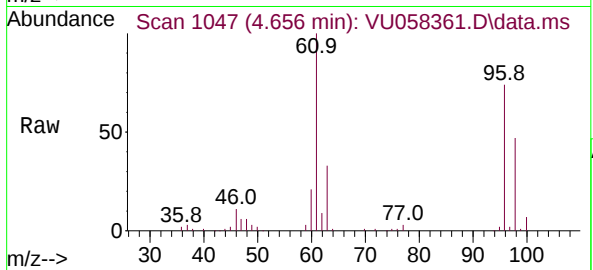




#22
cis-1,2-Dichloroethene
Concen: 20.975 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058361.D
Acq: 03 Apr 2024 14:10

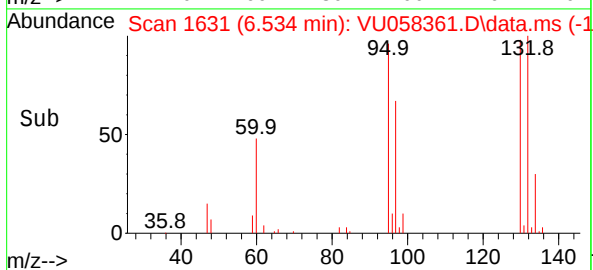
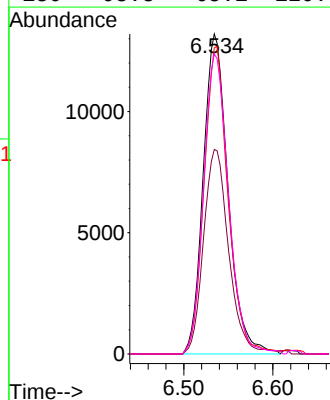
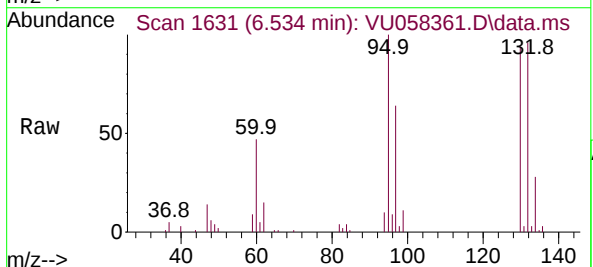
Instrument :
MSVOA_U
ClientSampleId :

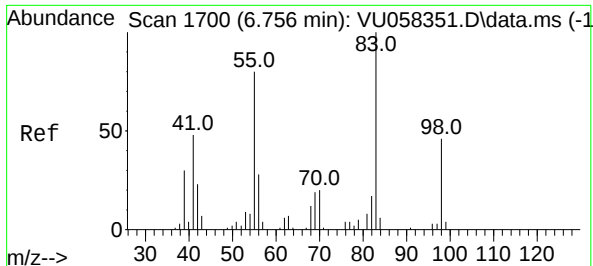
Tgt Ion: 96 Resp: 102762
Ion Ratio Lower Upper
96 100
61 135.5 92.8 172.4
98 63.1 43.2 80.2



#34
Trichloroethene
Concen: 5.124 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058361.D
Acq: 03 Apr 2024 14:10

Tgt Ion: 95 Resp: 25530
Ion Ratio Lower Upper
95 100
97 63.9 47.7 88.7
132 95.7 63.6 118.2
130 93.8 65.1 120.9





#35

Methylcyclohexane

Concen: 1.036 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058361.D

Acq: 03 Apr 2024 14:10

Instrument :

MSVOA_U

ClientSampleId :

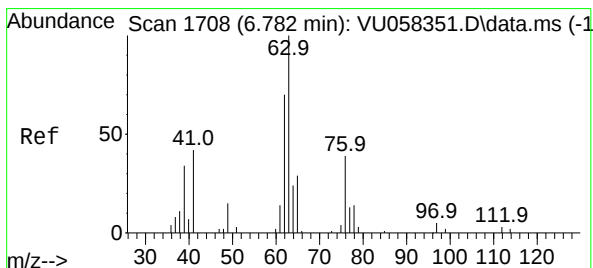
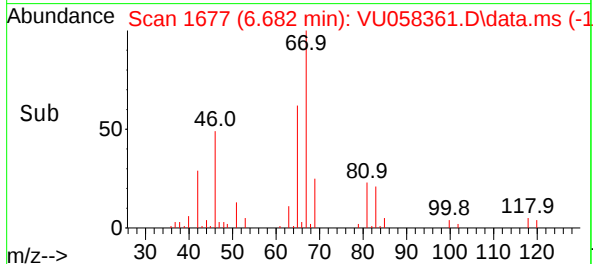
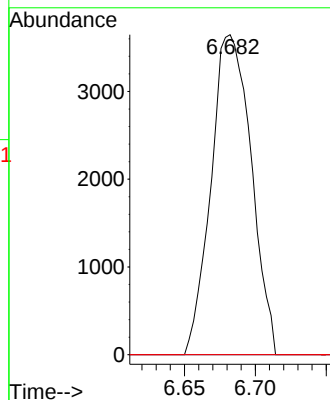
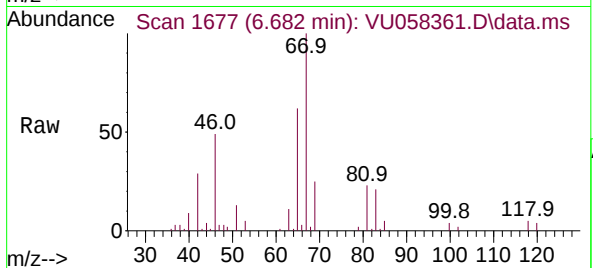
Tgt Ion: 83 Resp: 7199

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: 0.642 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU058361.D

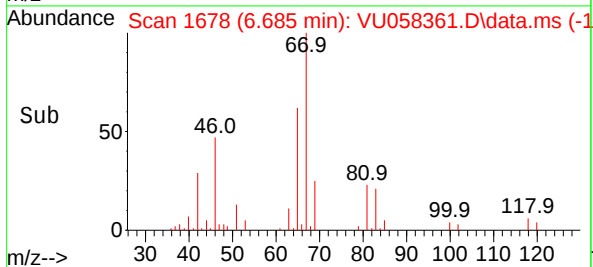
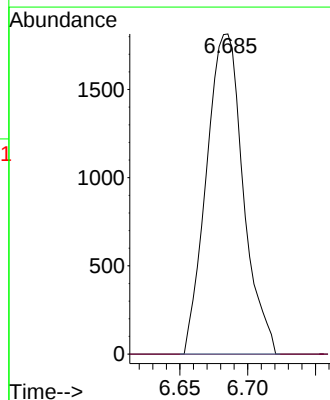
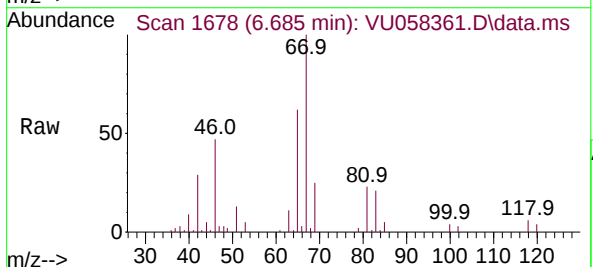
Acq: 03 Apr 2024 14:10

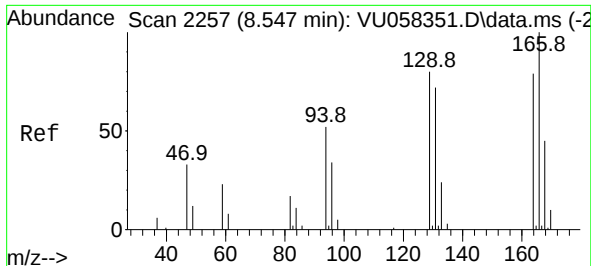
Tgt Ion: 63 Resp: 3430

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 0.466 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

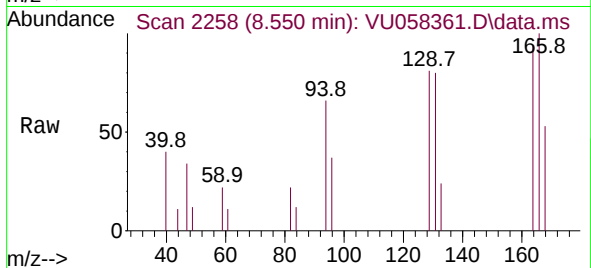
Lab File: VU058361.D

Acq: 03 Apr 2024 14:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1554

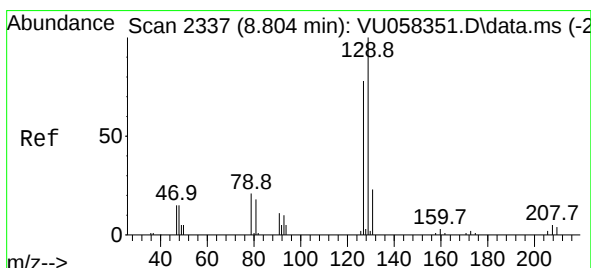
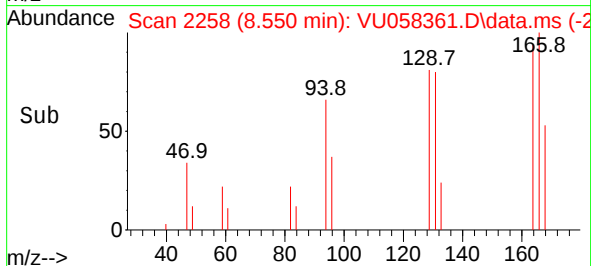
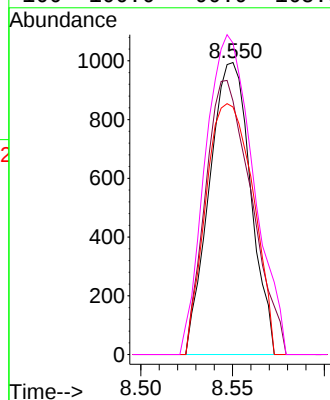
Ion Ratio Lower Upper

164 100

129 86.8 71.3 132.3

131 84.8 70.8 131.4

166 106.6 90.9 168.9



#49

Dibromochloromethane

Concen: 0.442 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058361.D

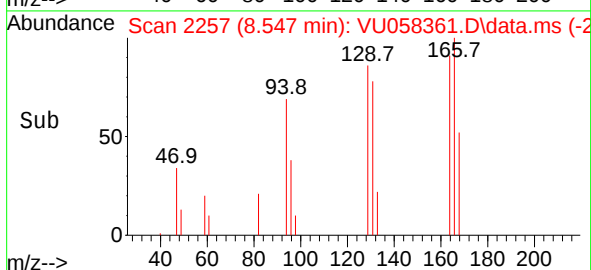
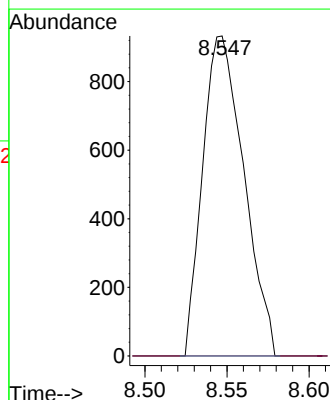
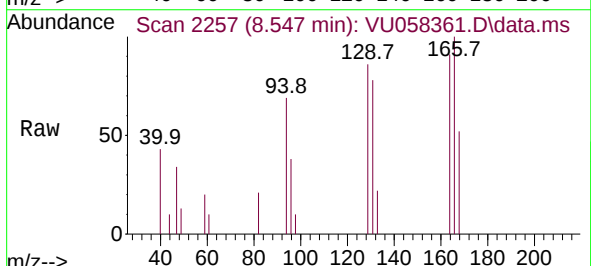
Acq: 03 Apr 2024 14:10

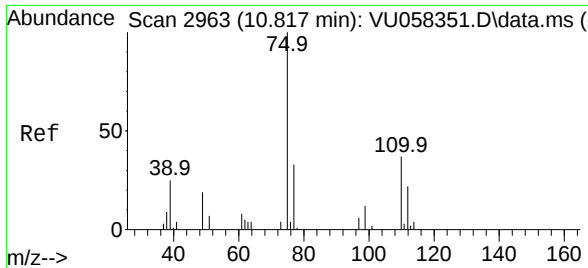
Tgt Ion:129 Resp: 1626

Ion Ratio Lower Upper

129 100

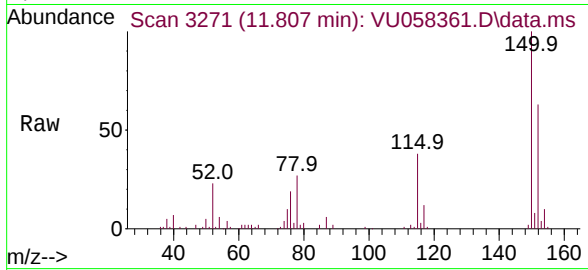
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.643 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058361.D
 Acq: 03 Apr 2024 14:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4388
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 28.9 25.1 37.7

