

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058360.D
 Acq On : 03 Apr 2024 13:48
 Operator : MD/SY
 Sample : P1902-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 01:23:46 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)

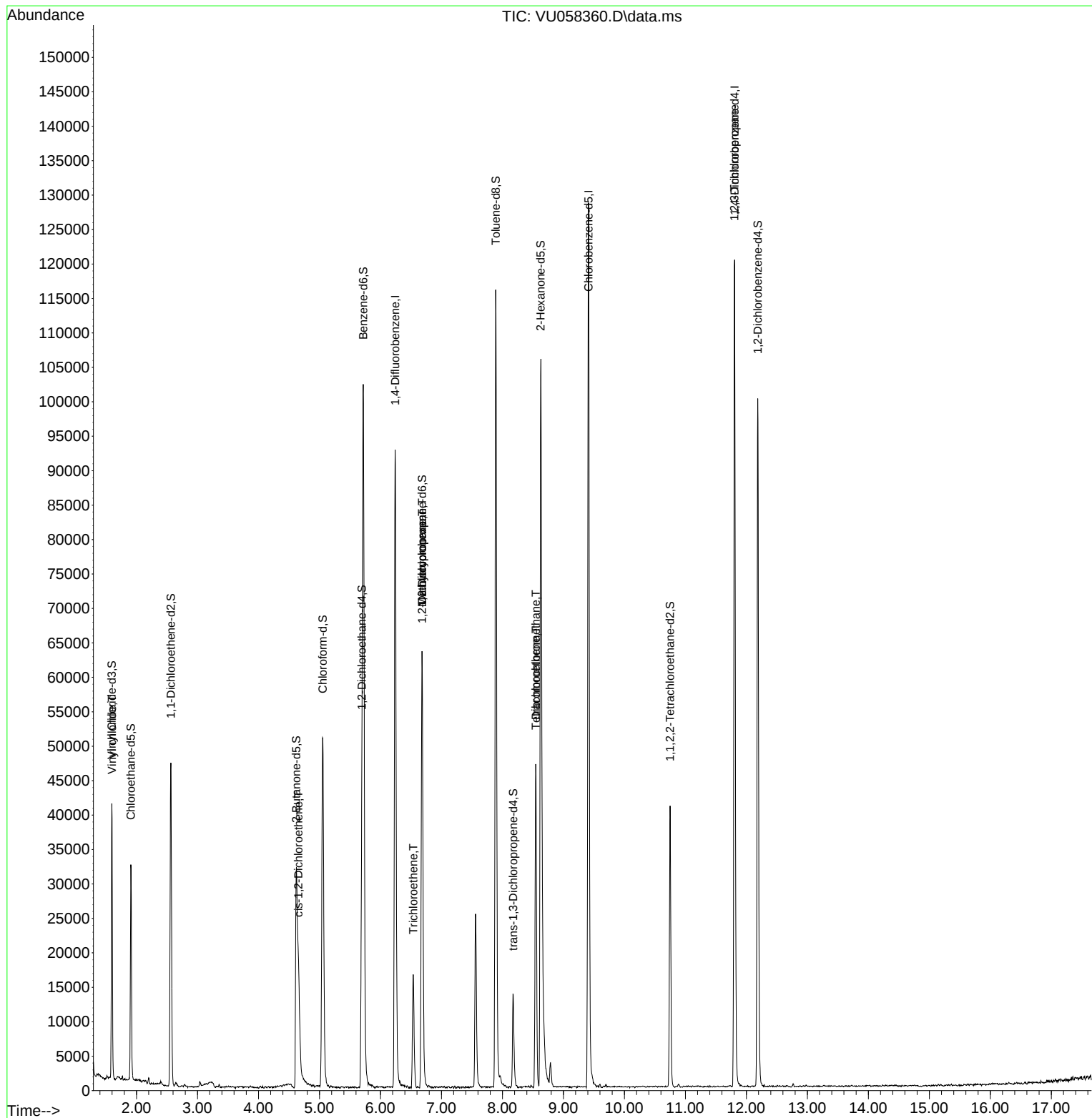
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76386	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20438	3.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.907	69	21820	4.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	9012	3.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.621	46	52932	46.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.320%
24) Chloroform-d	5.052	84	49057	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	24596	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.718	84	97876	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	30939	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	79948	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	8656	3.864	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.627	63	39030	43.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20688	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	26627	4.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	8583	1.960	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	5200	1.051	ug/L	97
34) Trichloroethene	6.541	95	5885	1.178	ug/L	96
35) Methylcyclohexane	6.682	83	6776	0.972	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3314	0.618	ug/L #	90
47) Tetrachloroethene	8.550	164	10170	3.038	ug/L	90
49) Dibromochloromethane	8.547	129	10331	2.797	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	4372	1.645	ug/L #	68

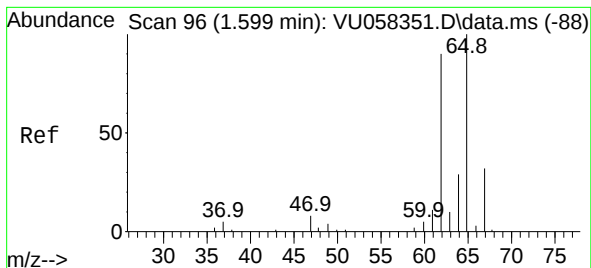
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.960 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058360.D

Acq: 03 Apr 2024 13:48

Instrument :

MSVOA_U

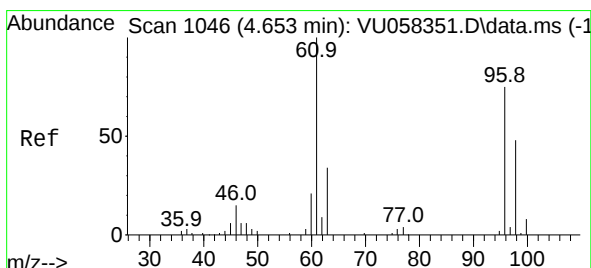
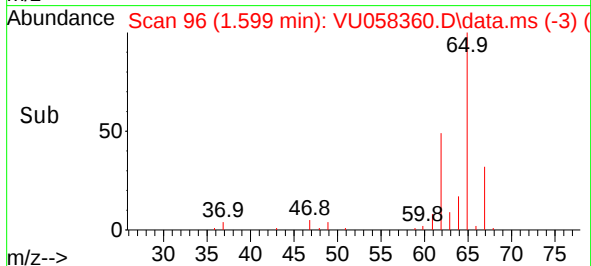
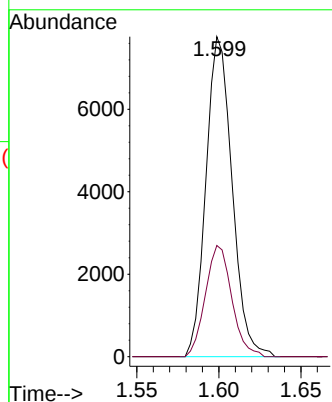
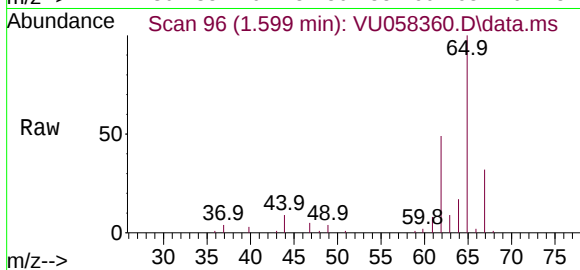
ClientSampleId :

Tgt Ion: 62 Resp: 8583

Ion Ratio Lower Upper

62 100

64 34.8 23.4 43.6



#22

cis-1,2-Dichloroethene

Concen: 1.051 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU058360.D

Acq: 03 Apr 2024 13:48

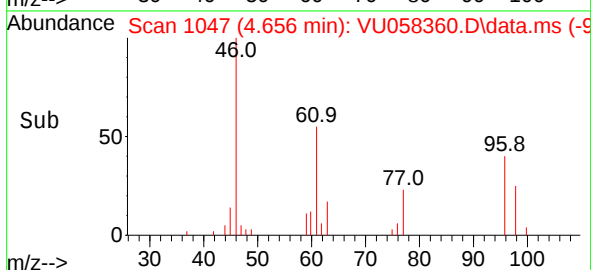
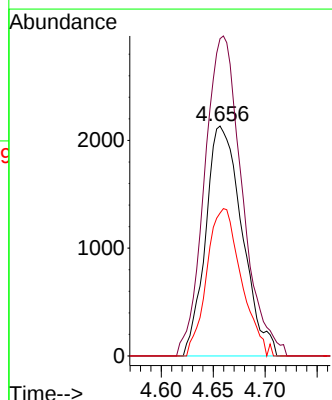
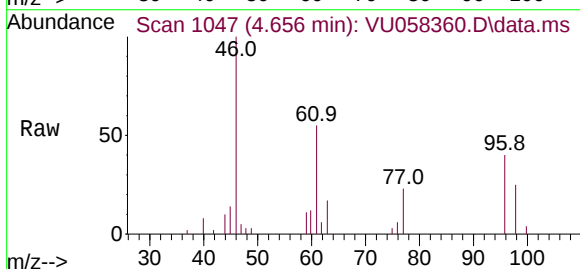
Tgt Ion: 96 Resp: 5200

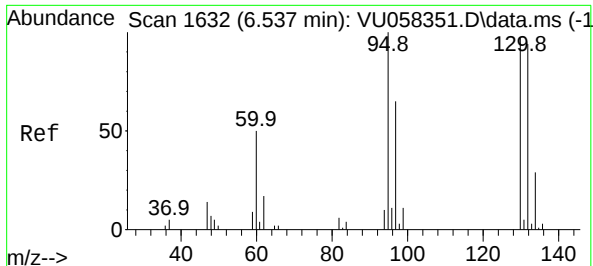
Ion Ratio Lower Upper

96 100

61 138.0 92.8 172.4

98 62.2 43.2 80.2





#34

Trichloroethene

Concen: 1.178 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058360.D

Acq: 03 Apr 2024 13:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5885

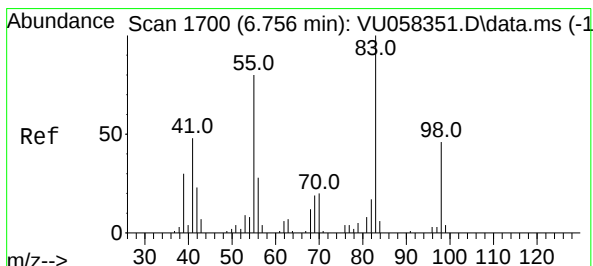
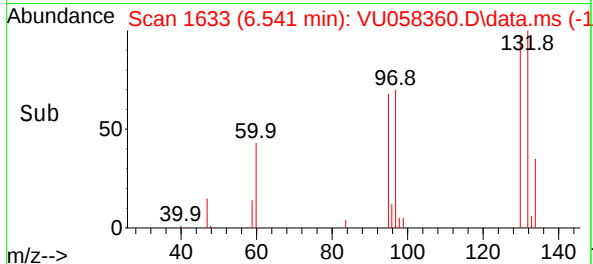
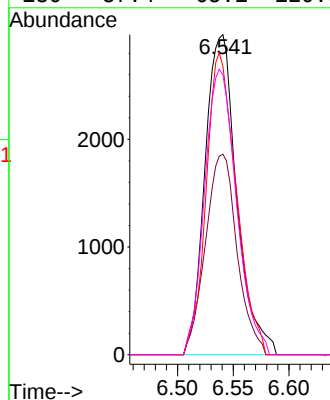
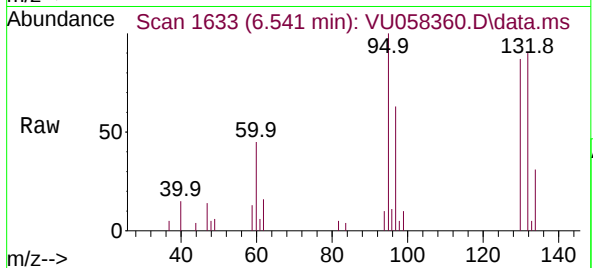
Ion Ratio Lower Upper

95 100

97 62.7 47.7 88.7

132 90.1 63.6 118.2

130 87.4 65.1 120.9



#35

Methylcyclohexane

Concen: 0.972 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058360.D

Acq: 03 Apr 2024 13:48

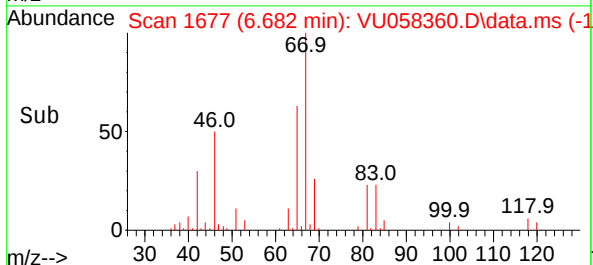
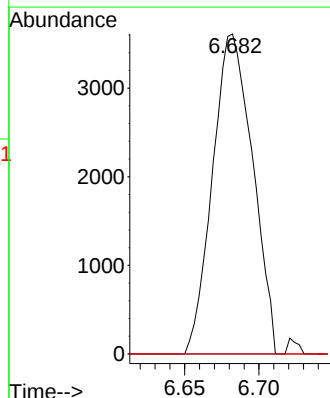
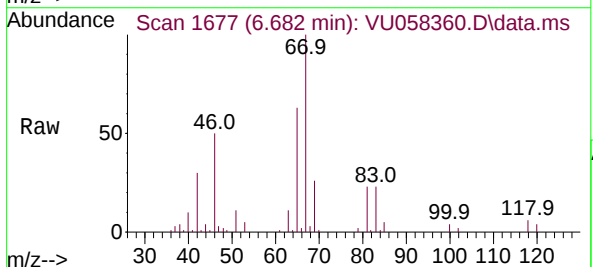
Tgt Ion: 83 Resp: 6776

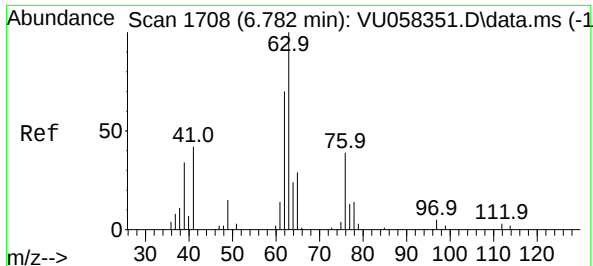
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 2.8 37.3 55.9#

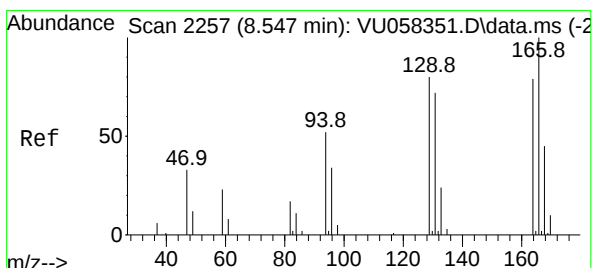
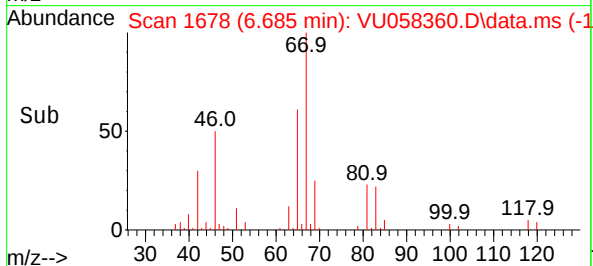
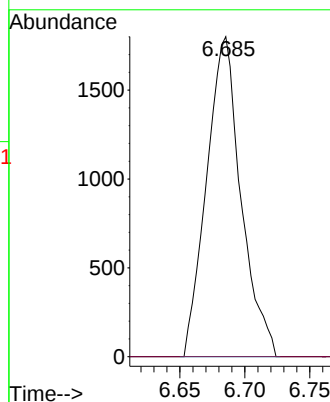
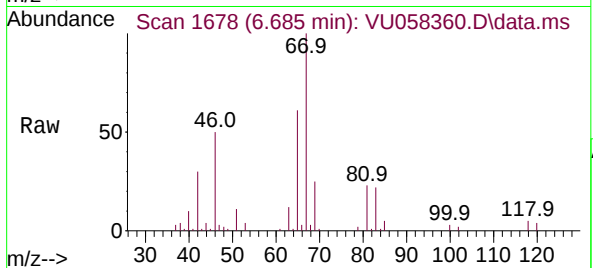




#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058360.D
Acq: 03 Apr 2024 13:48

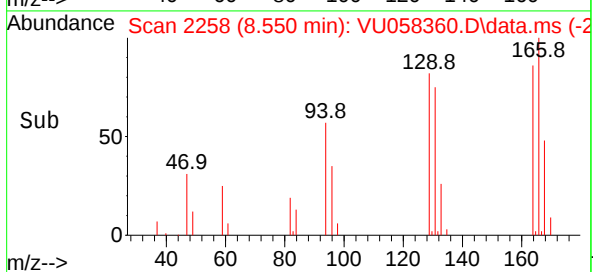
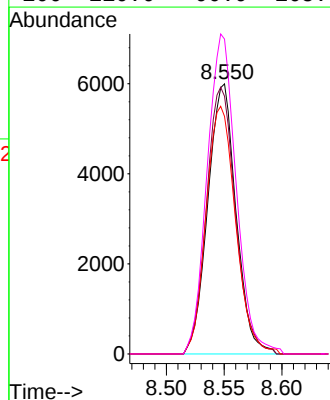
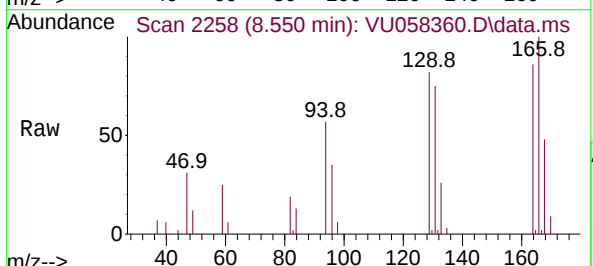
Instrument :
MSVOA_U
ClientSampleId :

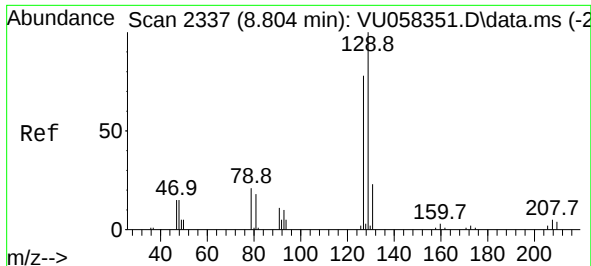
Tgt Ion: 63 Resp: 3314
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 3.038 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058360.D
Acq: 03 Apr 2024 13:48

Tgt Ion:164 Resp: 10170
Ion Ratio Lower Upper
164 100
129 95.5 71.3 132.3
131 88.0 70.8 131.4
166 116.6 90.9 168.9





#49

Dibromochloromethane

Concen: 2.797 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058360.D

Acq: 03 Apr 2024 13:48

Instrument :

MSVOA_U

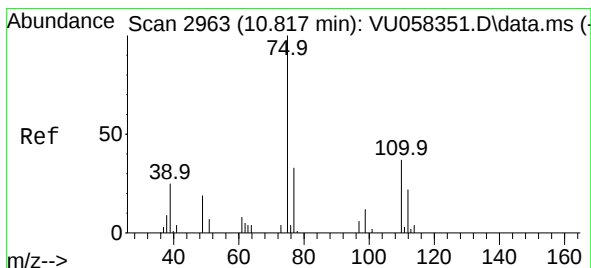
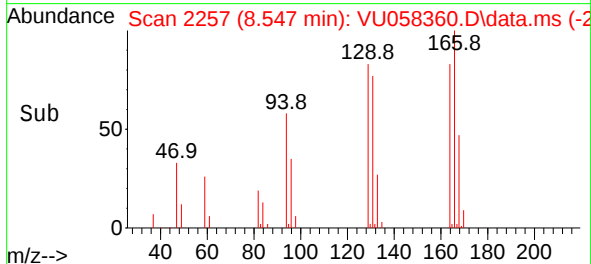
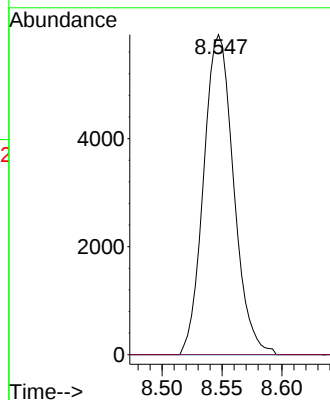
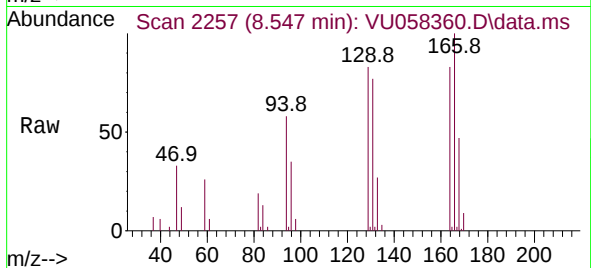
ClientSampleId :

Tgt Ion:129 Resp: 10331

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.645 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058360.D

Acq: 03 Apr 2024 13:48

Tgt Ion: 75 Resp: 4372

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.0 25.1 37.7

