

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058358.D
 Acq On : 03 Apr 2024 13:01
 Operator : MD/SY
 Sample : P1912-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 01:23:17 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)

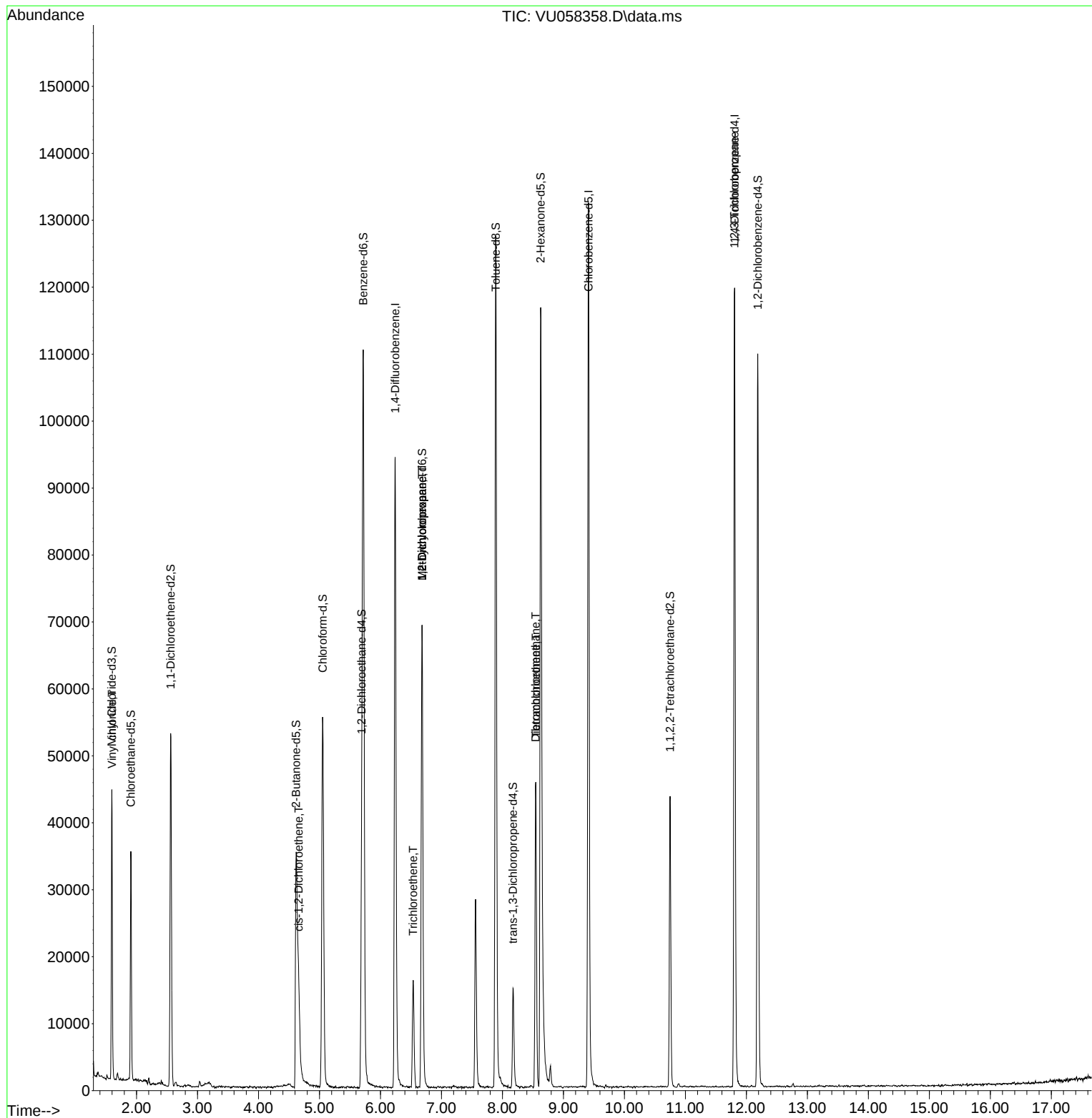
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22256	3.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	23143	4.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	10294	3.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.618	46	59118	50.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.100%
24) Chloroform-d	5.052	84	53295	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	26213	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.717	84	104445	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	34035	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	88275	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.174	79	9947	4.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	43028	46.901	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22581	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	28374	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	8669	1.941	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	5160	1.023	ug/L	99
34) Trichloroethene	6.537	95	5552	1.099	ug/L	90
35) Methylcyclohexane	6.682	83	7549	1.071	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3372	0.622	ug/L #	90
47) Tetrachloroethene	8.547	164	9469	2.797	ug/L	98
49) Dibromochloromethane	8.544	129	9844	2.636	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	4469	1.624	ug/L #	65

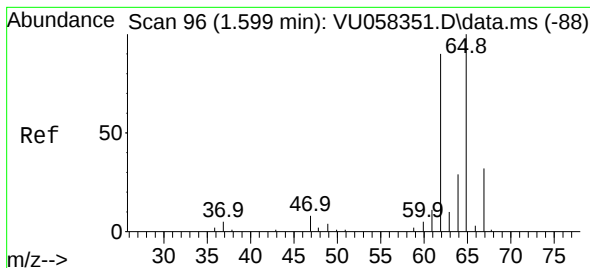
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.941 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058358.D

Acq: 03 Apr 2024 13:01

Instrument :

MSVOA_U

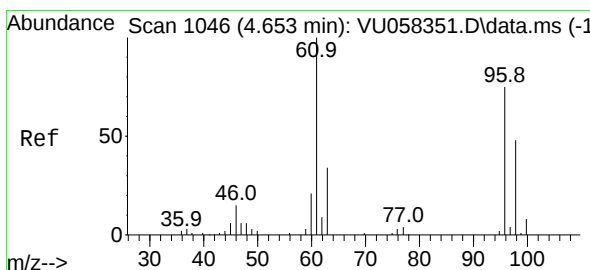
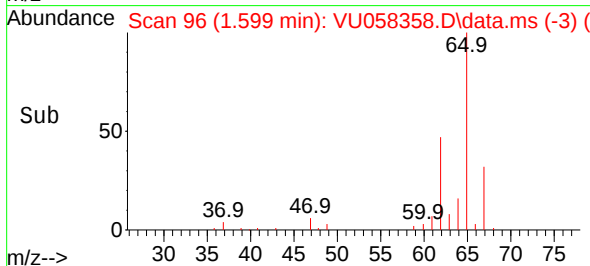
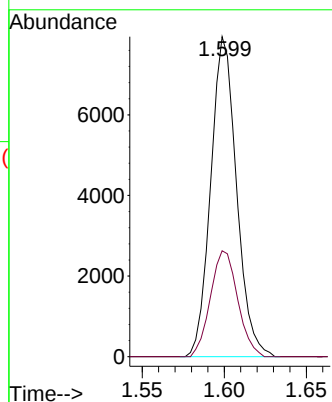
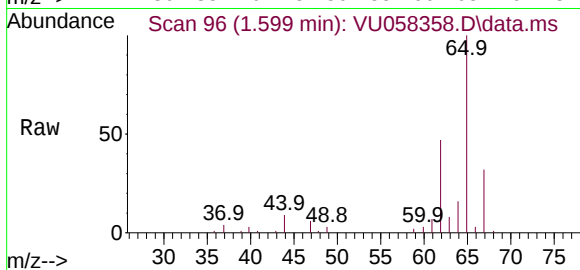
ClientSampleId :

Tgt Ion: 62 Resp: 8669

Ion Ratio Lower Upper

62 100

64 33.1 23.4 43.6



#22

cis-1,2-Dichloroethene

Concen: 1.023 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VU058358.D

Acq: 03 Apr 2024 13:01

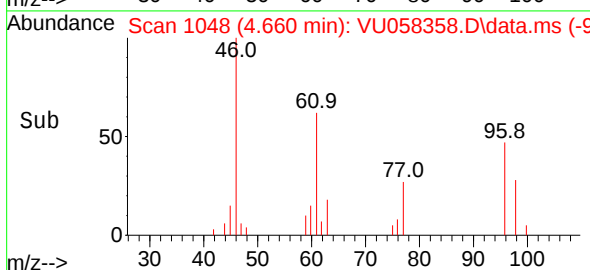
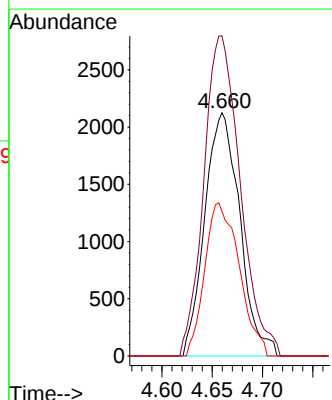
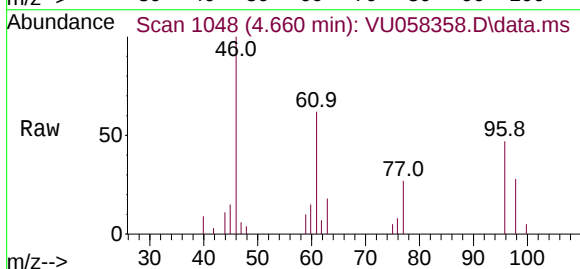
Tgt Ion: 96 Resp: 5160

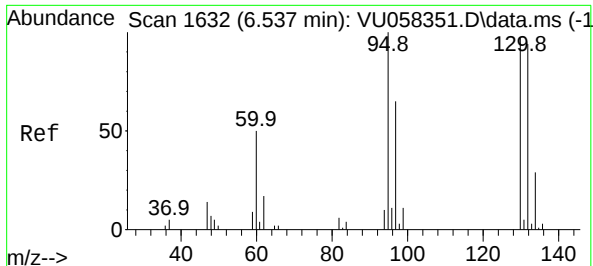
Ion Ratio Lower Upper

96 100

61 131.6 92.8 172.4

98 59.5 43.2 80.2

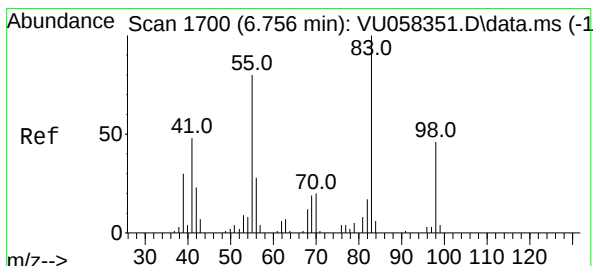
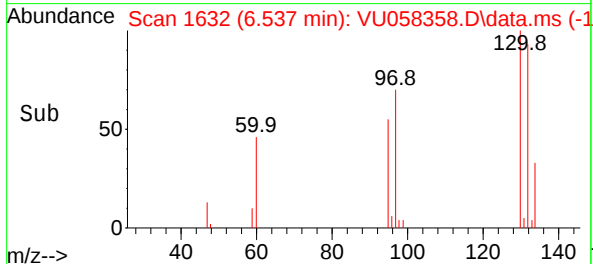
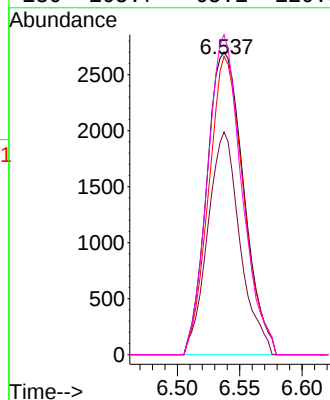
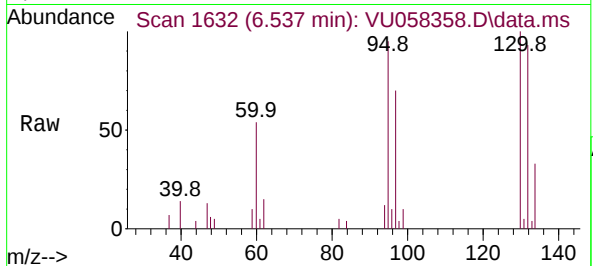




#34
Trichloroethene
Concen: 1.099 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VU058358.D
Acq: 03 Apr 2024 13:01

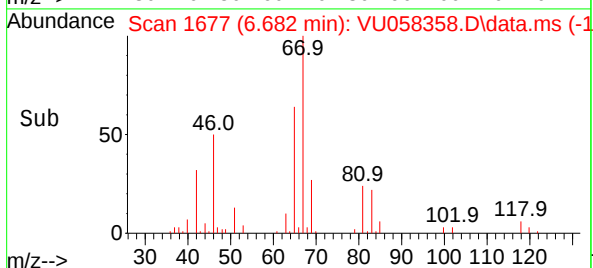
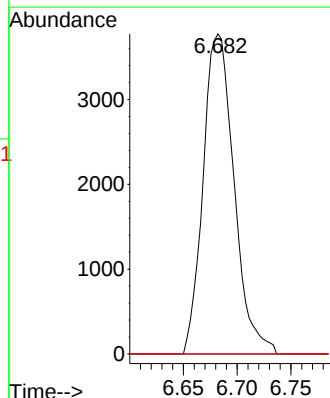
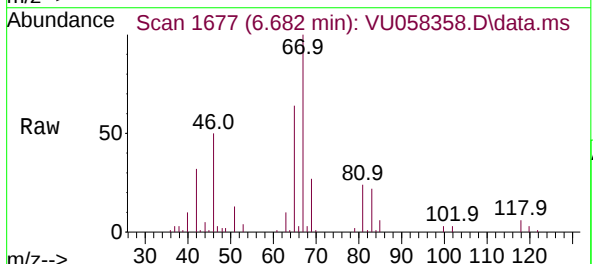
Instrument :
MSVOA_U
ClientSampleId :

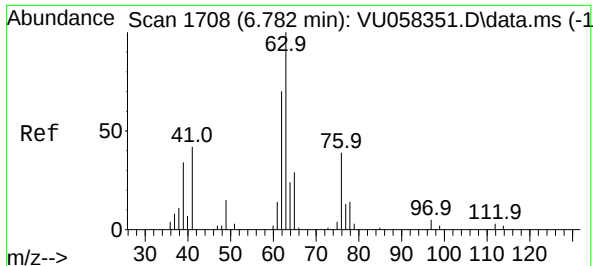
Tgt Ion:	95	Resp:	5552
Ion	Ratio	Lower	Upper
95	100		
97	73.5	47.7	88.7
132	98.5	63.6	118.2
130	105.7	65.1	120.9



#35
Methylcyclohexane
Concen: 1.071 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058358.D
Acq: 03 Apr 2024 13:01

Tgt Ion:	83	Resp:	7549
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	6.5	37.3	55.9#

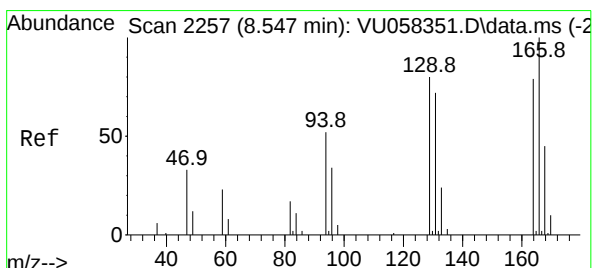
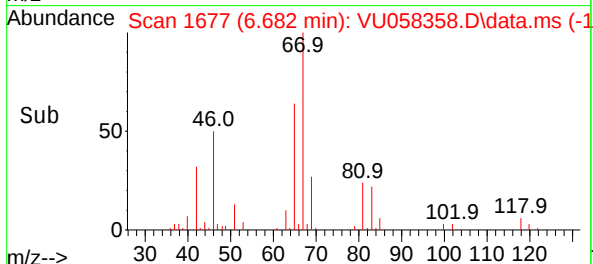
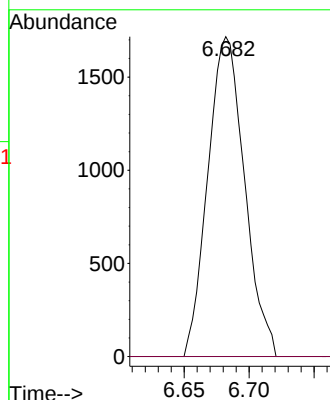
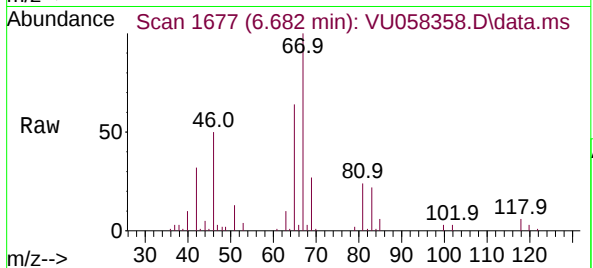




#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058358.D
Acq: 03 Apr 2024 13:01

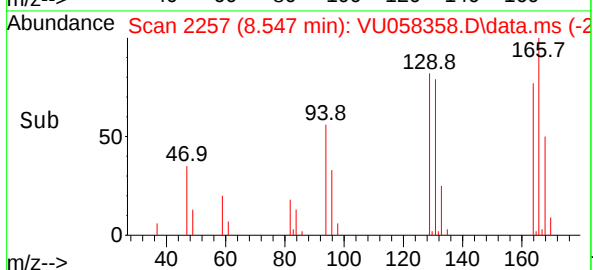
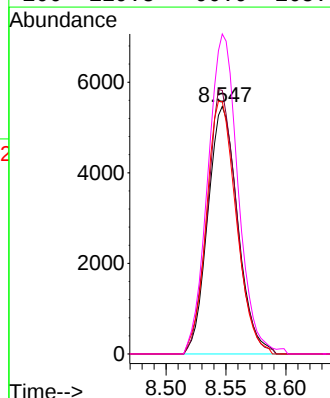
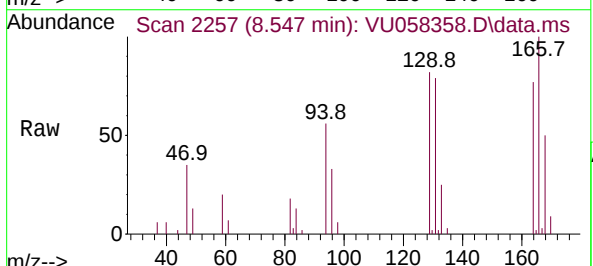
Instrument :
MSVOA_U
ClientSampleId :

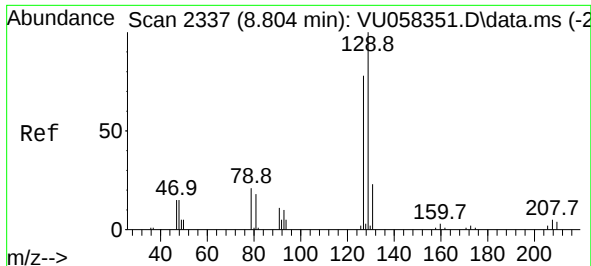
Tgt Ion: 63 Resp: 3372
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 2.797 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058358.D
Acq: 03 Apr 2024 13:01

Tgt Ion:164 Resp: 9469
Ion Ratio Lower Upper
164 100
129 106.5 71.3 132.3
131 102.0 70.8 131.4
166 129.3 90.9 168.9





#49

Dibromochloromethane

Concen: 2.636 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU058358.D

Acq: 03 Apr 2024 13:01

Instrument :

MSVOA_U

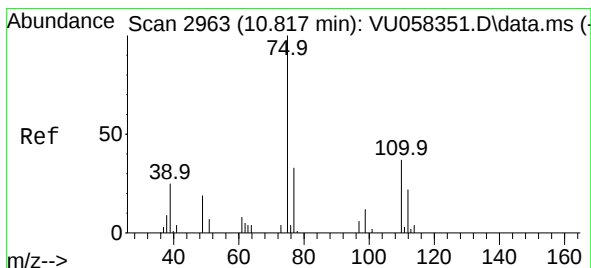
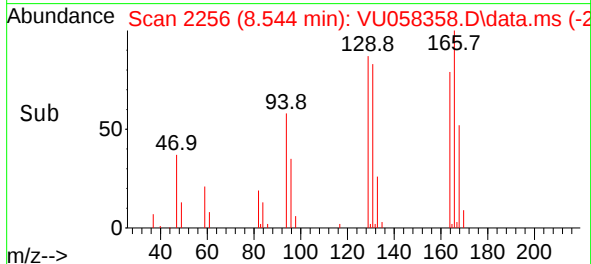
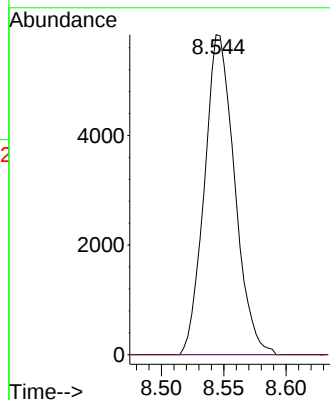
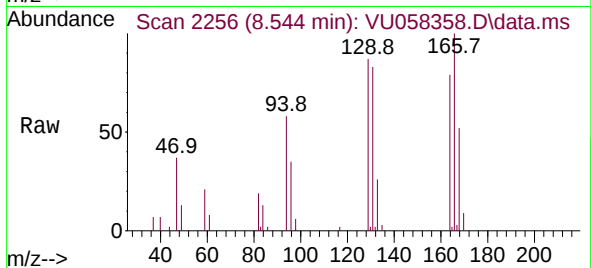
ClientSampleId :

Tgt Ion:129 Resp: 9844

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.624 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058358.D

Acq: 03 Apr 2024 13:01

Tgt Ion: 75 Resp: 4469

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 27.4 25.1 37.7

