

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058249.D
 Acq On : 28 Mar 2024 19:03
 Operator : MD/SY
 Sample : P1902-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:13:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

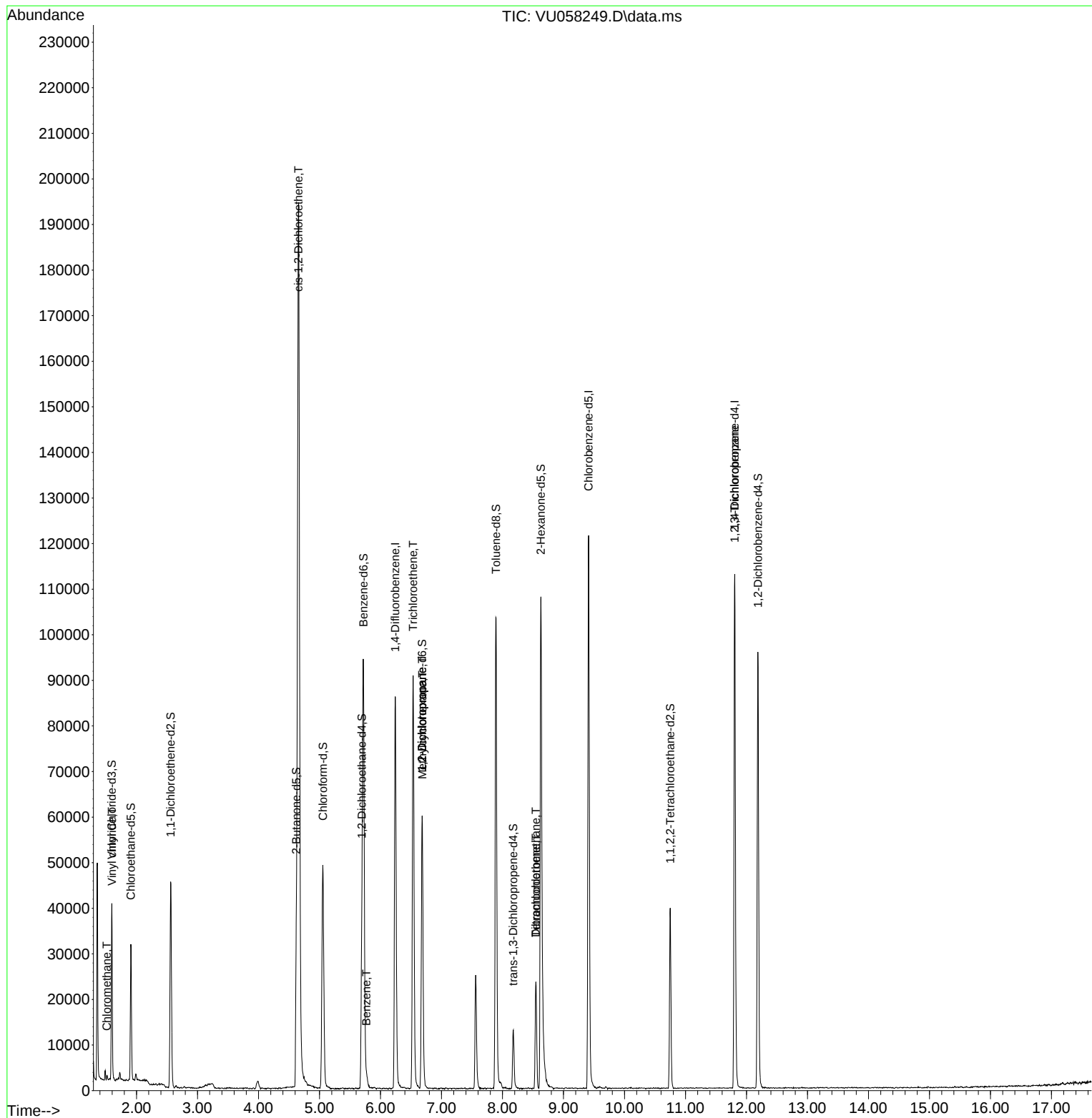
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20778	3.525	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.907	69	20372	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.560	65	8962	3.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.621	46	54505	52.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	5.055	84	46192	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.695	65	23105	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	90077	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.682	67	28886	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.894	98	72653	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.177	79	8367	4.031	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.627	63	39861	47.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19774	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	25690	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	697	0.190	ug/L	92
5) Vinyl chloride	1.599	62	3201	0.800	ug/L	85
22) cis-1,2-Dichloroethene	4.657	96	97674	21.628	ug/L	98
33) Benzene	5.766	78	2170	0.122	ug/L	100
34) Trichloroethene	6.534	95	31156	6.728	ug/L	98
35) Methylcyclohexane	6.685	83	6486	1.004	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3338	0.672	ug/L #	90
47) Tetrachloroethene	8.547	164	5189	1.673	ug/L	94
49) Dibromochloromethane	8.547	129	5382	1.573	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	3788	1.521	ug/L #	68

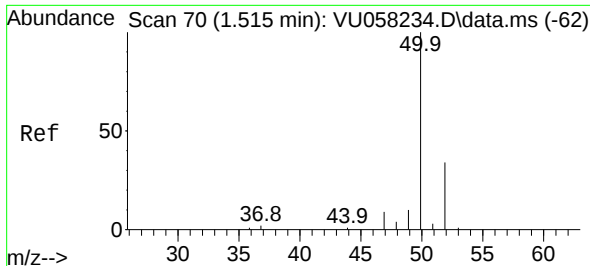
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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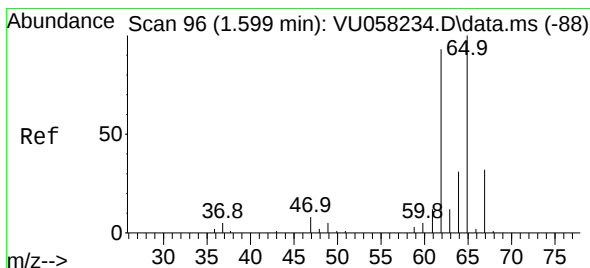
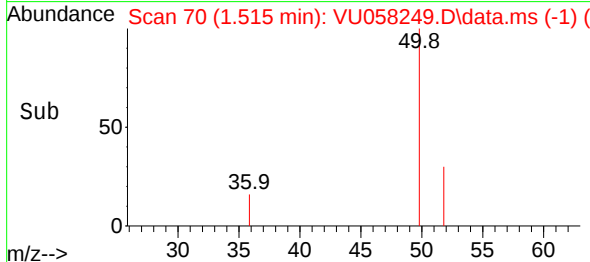
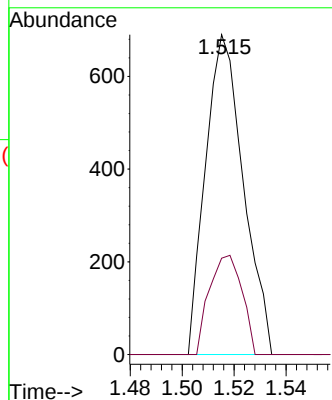
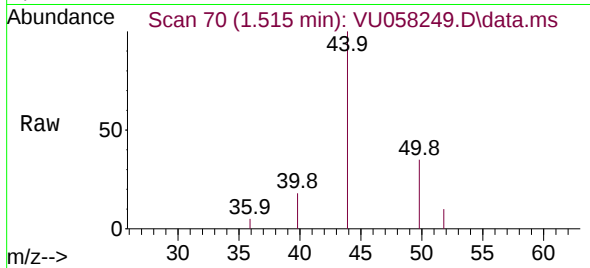




#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058249.D
Acq: 28 Mar 2024 19:03

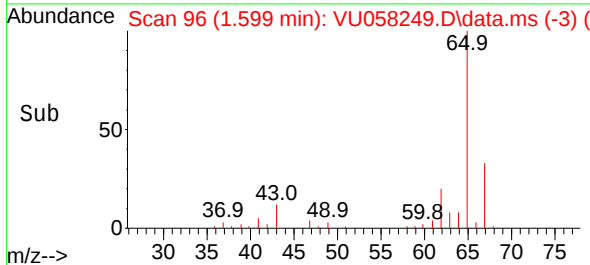
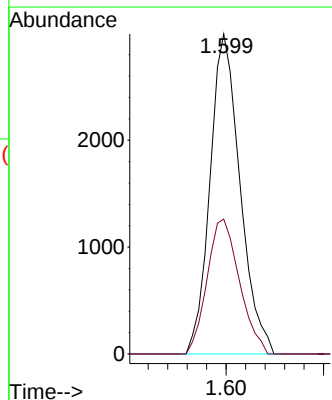
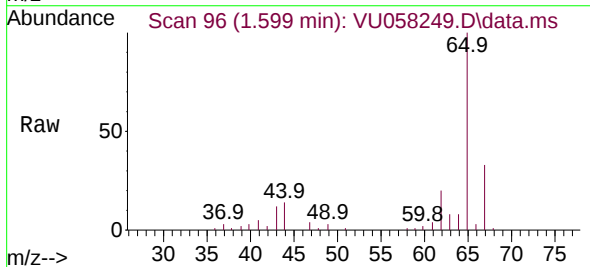
Instrument :
MSVOA_U
ClientSampleId :

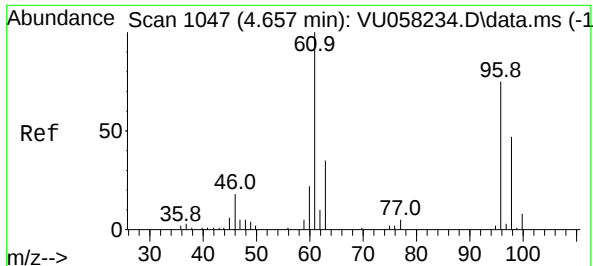
Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 30.1 24.2 45.0



#5
Vinyl chloride
Concen: 0.800 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU058249.D
Acq: 28 Mar 2024 19:03

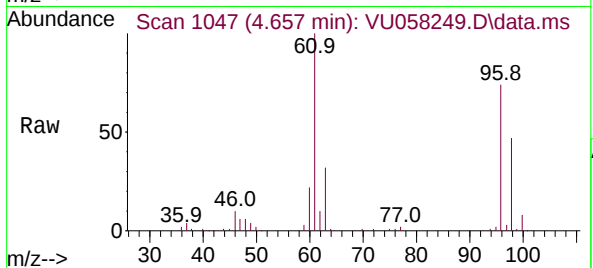
Tgt Ion: 62 Resp: 3201
Ion Ratio Lower Upper
62 100
64 42.2 23.4 43.6





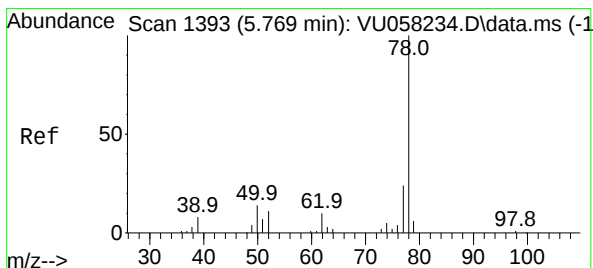
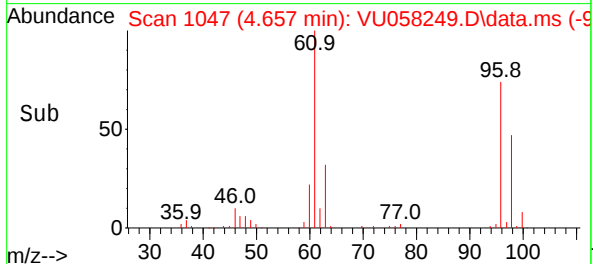
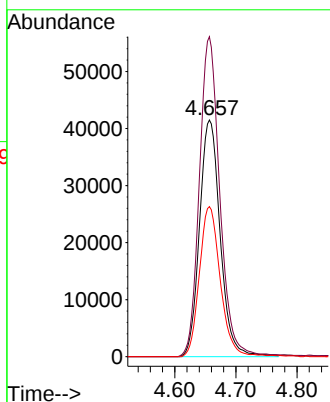
#22
 cis-1,2-Dichloroethene
 Concen: 21.628 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058249.D
 Acq: 28 Mar 2024 19:03

Instrument :
 MSVOA_U
 ClientSampleId :



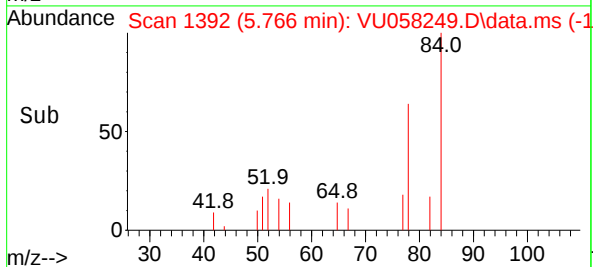
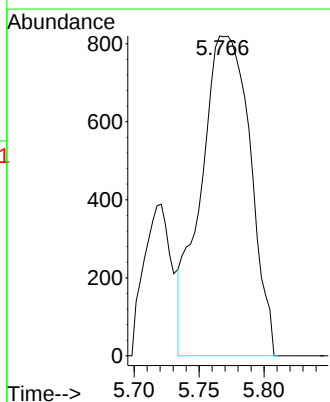
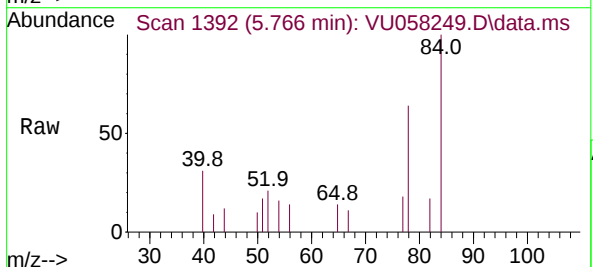
Tgt Ion: 96 Resp: 97674

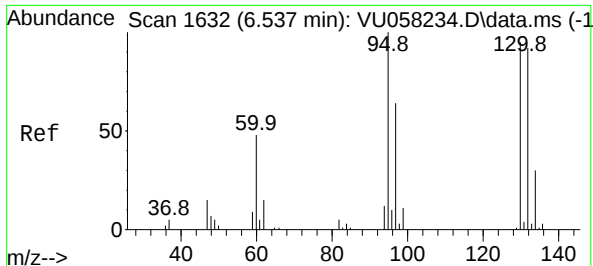
Ion	Ratio	Lower	Upper
96	100		
61	135.2	92.8	172.4
98	63.5	43.2	80.2



#33
 Benzene
 Concen: 0.122 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. -0.003 min
 Lab File: VU058249.D
 Acq: 28 Mar 2024 19:03

Tgt Ion: 78 Resp: 2170





#34

Trichloroethene

Concen: 6.728 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058249.D

Acq: 28 Mar 2024 19:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 31156

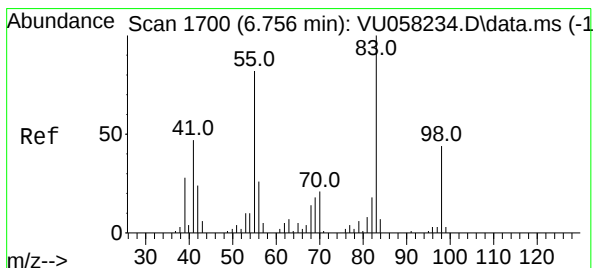
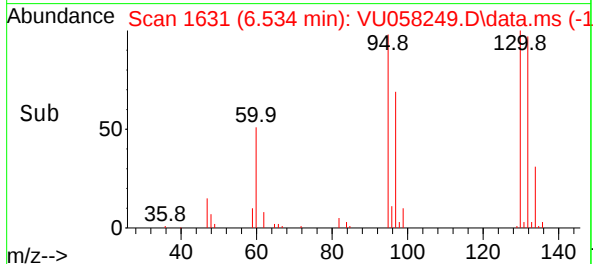
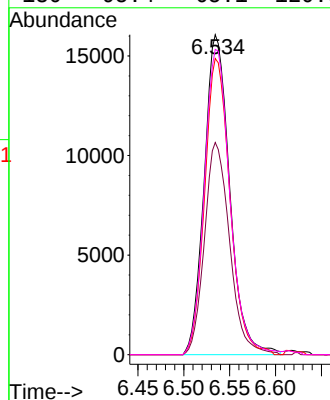
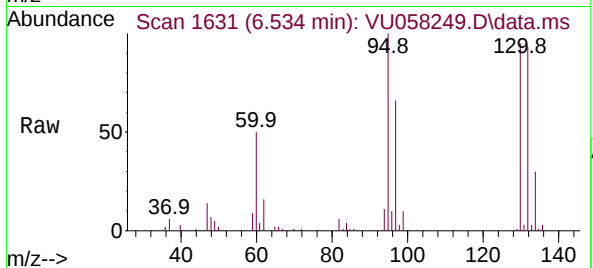
Ion Ratio Lower Upper

95 100

97 66.3 47.7 88.7

132 92.6 63.6 118.2

130 95.4 65.1 120.9



#35

Methylcyclohexane

Concen: 1.004 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058249.D

Acq: 28 Mar 2024 19:03

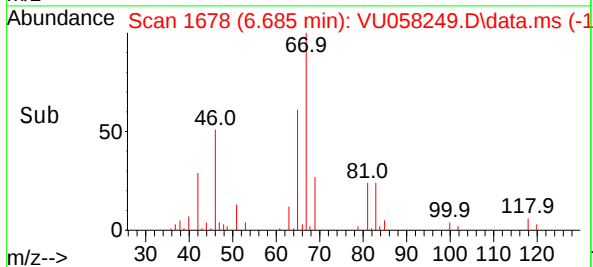
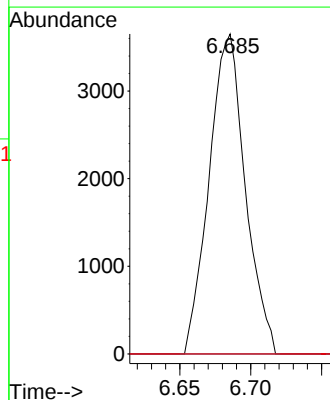
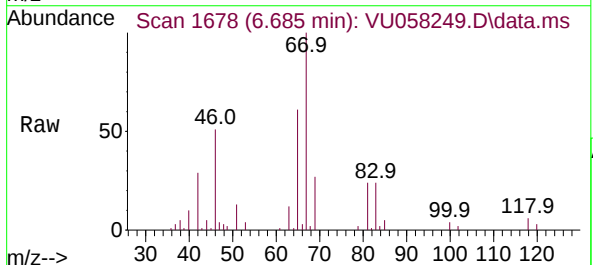
Tgt Ion: 83 Resp: 6486

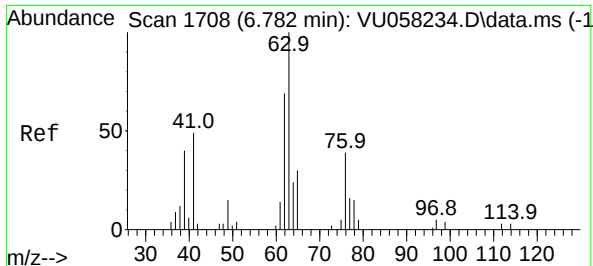
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#

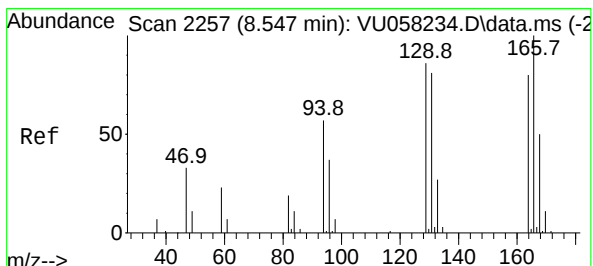
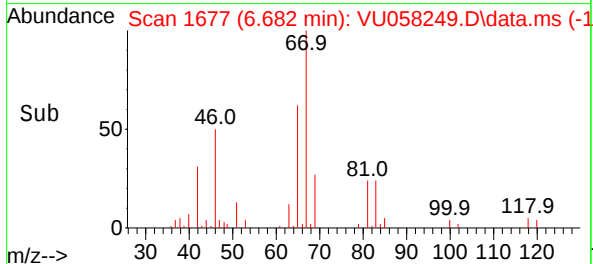
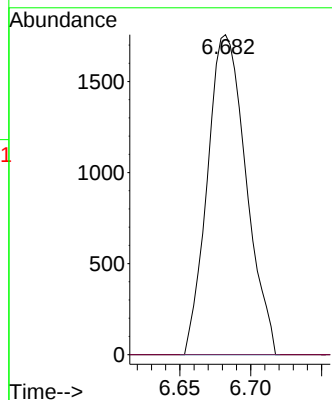
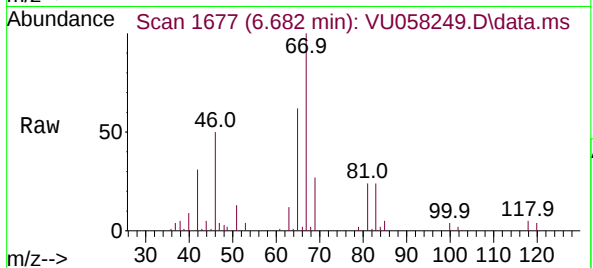




#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058249.D
Acq: 28 Mar 2024 19:03

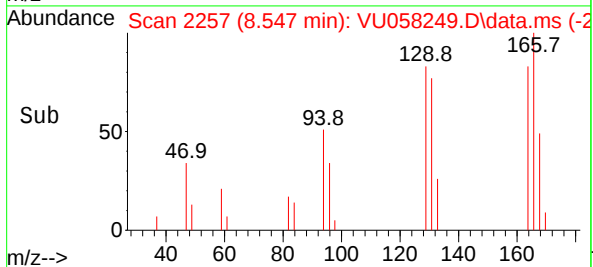
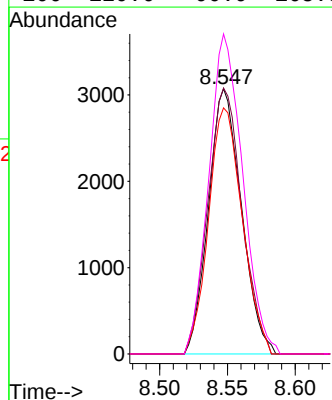
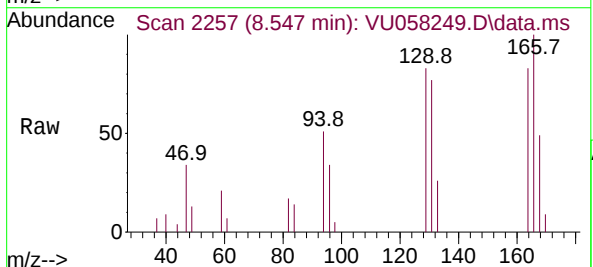
Instrument :
MSVOA_U
ClientSampleId :

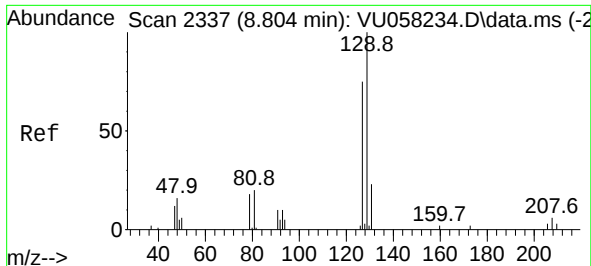
Tgt Ion: 63 Resp: 3338
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 1.673 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058249.D
Acq: 28 Mar 2024 19:03

Tgt Ion:164 Resp: 5189
Ion Ratio Lower Upper
164 100
129 100.3 71.3 132.3
131 92.8 70.8 131.4
166 120.6 90.9 168.9





#49

Dibromochloromethane

Concen: 1.573 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058249.D

Acq: 28 Mar 2024 19:03

Instrument :

MSVOA_U

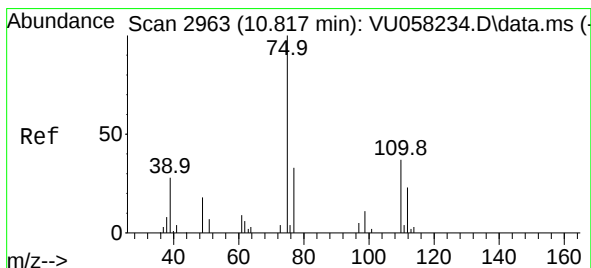
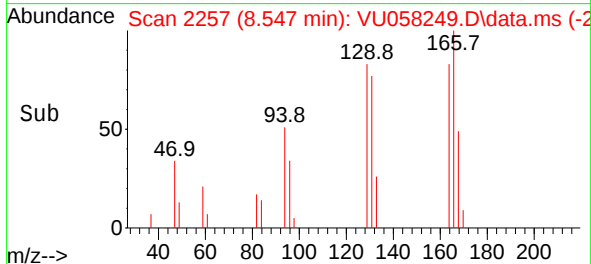
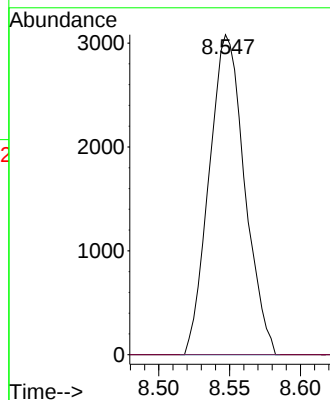
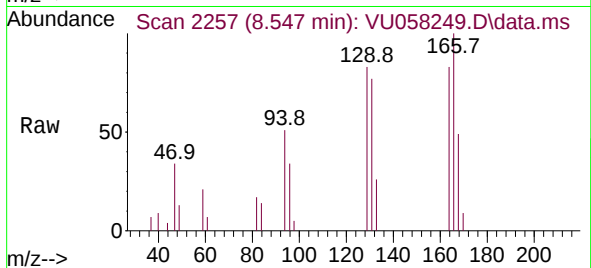
ClientSampleId :

Tgt Ion:129 Resp: 5382

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.521 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058249.D

Acq: 28 Mar 2024 19:03

Tgt Ion: 75 Resp: 3788

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 30.7 25.1 37.7

