

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058720.D
 Acq On : 16 Apr 2024 16:50
 Operator : MD/SY
 Sample : P2058-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:13:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

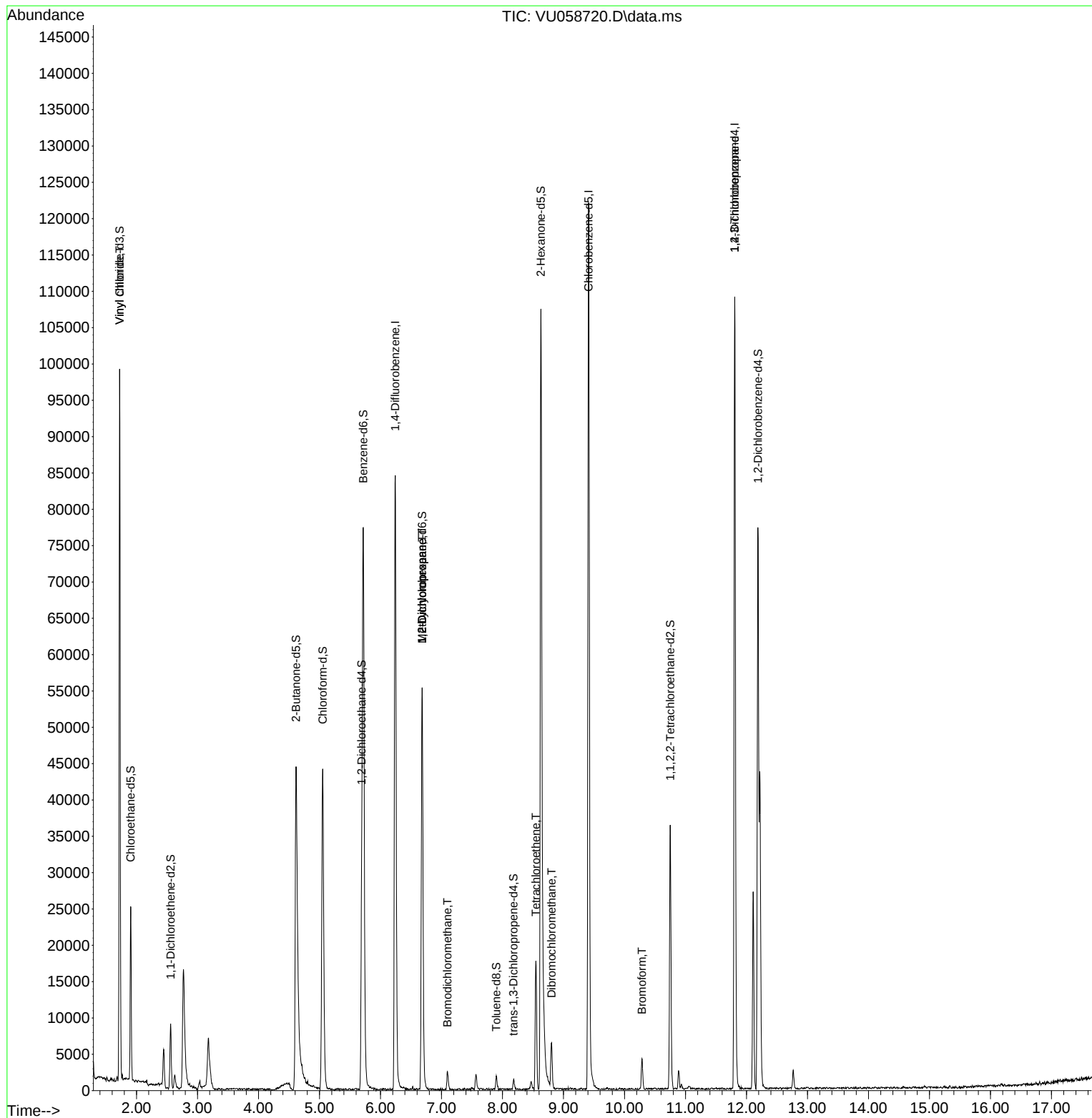
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66567	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.724	65	112	0.025	ug/L	0.13
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.600%#
7) Chloroethane-d5	1.904	69	16590	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.560	65	1801	0.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	18.000%#
20) 2-Butanone-d5	4.615	46	58860	63.375	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.740%
24) Chloroform-d	5.052	84	41109	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	21678	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.717	84	69536	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	26056	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.897	98	1534	0.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	2.000%#
43) trans-1,3-Dichloroprop...	8.180	79	1038	0.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	12.200%#
46) 2-Hexanone-d5	8.627	63	36378	51.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19068	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	19480	4.137	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.724	62	1749	0.258	ug/L #	67
35) Methylcyclohexane	6.682	83	5619	0.624	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3071	0.492	ug/L #	90
38) Bromodichloromethane	7.097	83	1906	0.268	ug/L #	97
47) Tetrachloroethene	8.547	164	3727	0.850	ug/L	97
49) Dibromochloromethane	8.804	129	3354	0.796	ug/L	95
59) Bromoform	10.286	173	1968	1.054	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	4133	1.449	ug/L #	70

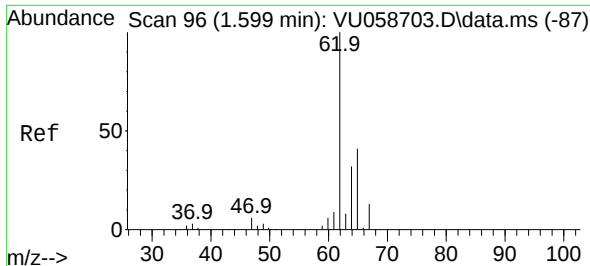
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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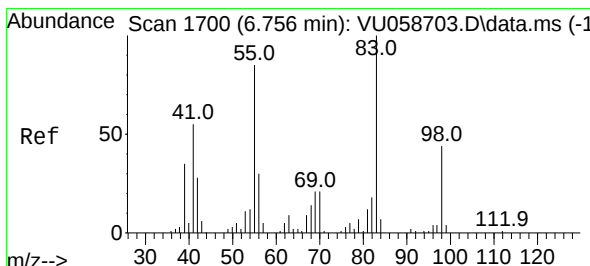
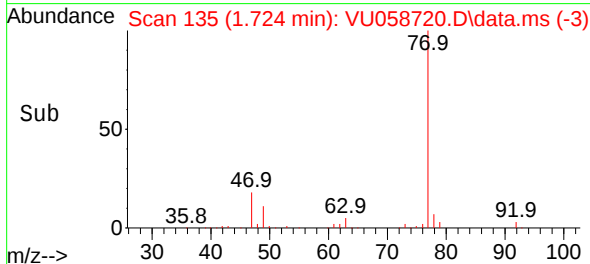
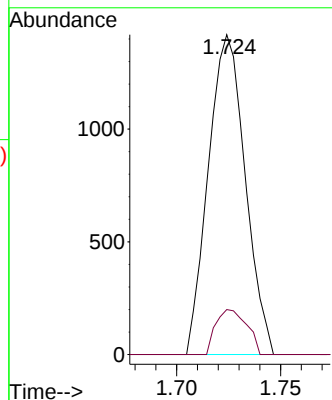
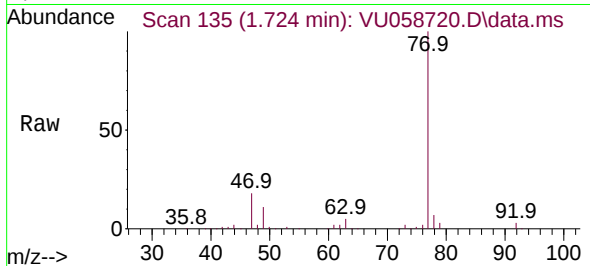




#5
 Vinyl chloride
 Concen: 0.258 ug/L
 RT: 1.724 min Scan# 14
 Delta R.T. 0.125 min
 Lab File: VU058720.D
 Acq: 16 Apr 2024 16:50

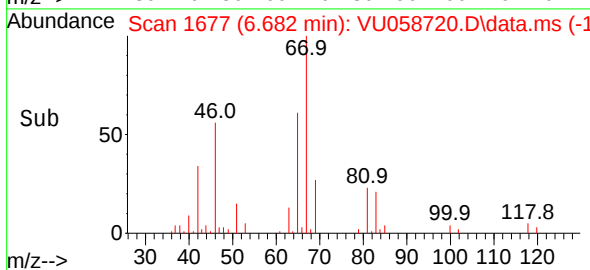
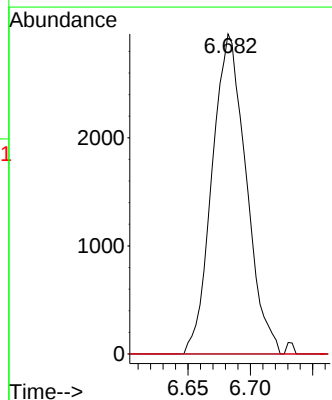
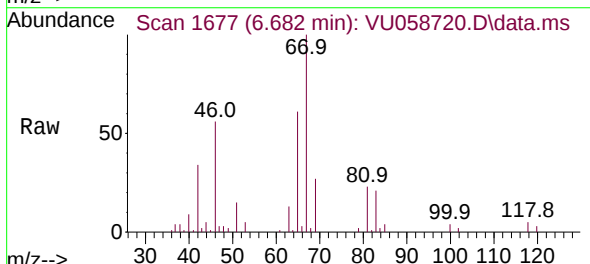
Instrument :
 MSVOA_U
 ClientSampleId :

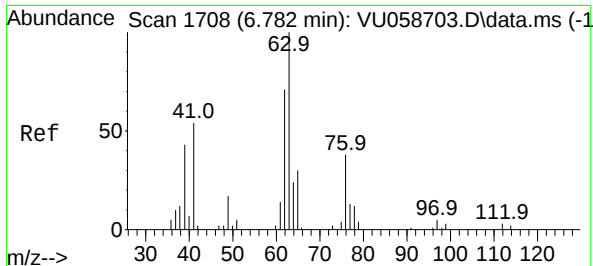
Tgt Ion: 62 Resp: 1749
 Ion Ratio Lower Upper
 62 100
 64 14.1 22.6 42.0#



#35
 Methylcyclohexane
 Concen: 0.624 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058720.D
 Acq: 16 Apr 2024 16:50

Tgt Ion: 83 Resp: 5619
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.4#
 98 0.0 34.6 52.0#

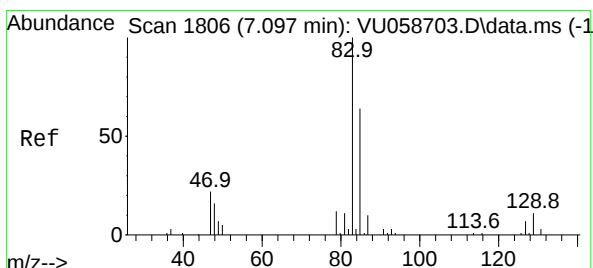
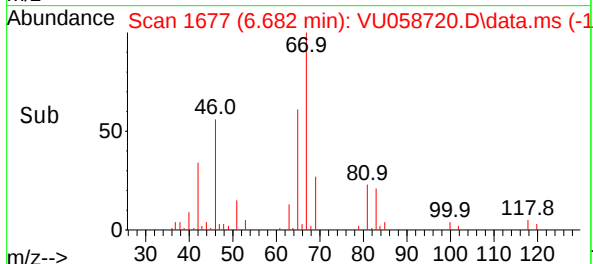
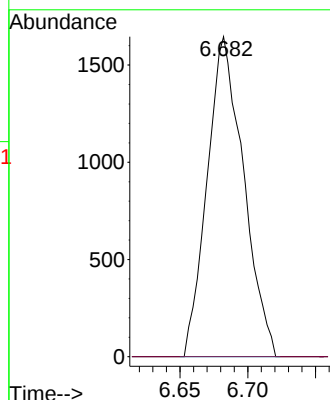
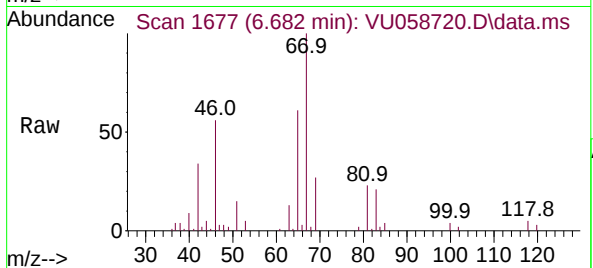




#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058720.D
Acq: 16 Apr 2024 16:50

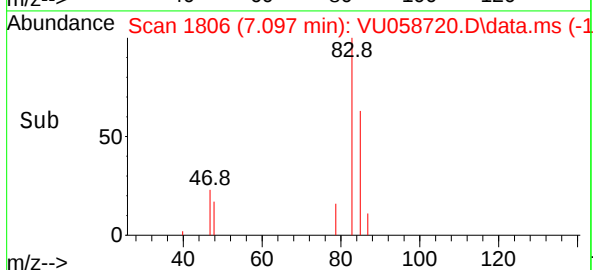
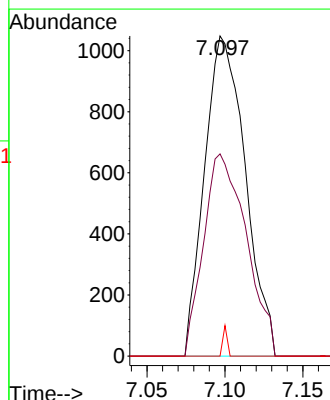
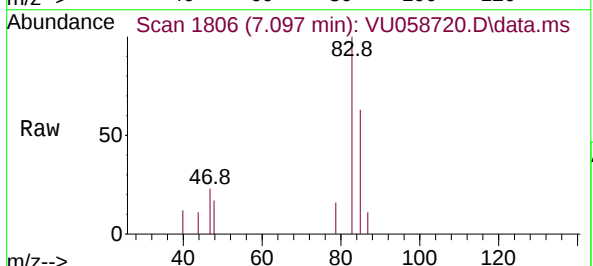
Instrument :
MSVOA_U
ClientSampleId :

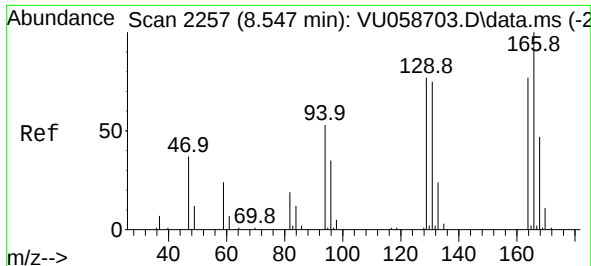
Tgt Ion: 63 Resp: 3071
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#38
Bromodichloromethane
Concen: 0.268 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058720.D
Acq: 16 Apr 2024 16:50

Tgt Ion: 83 Resp: 1906
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
127 0.0 6.5 9.7#





#47

Tetrachloroethene

Concen: 0.850 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

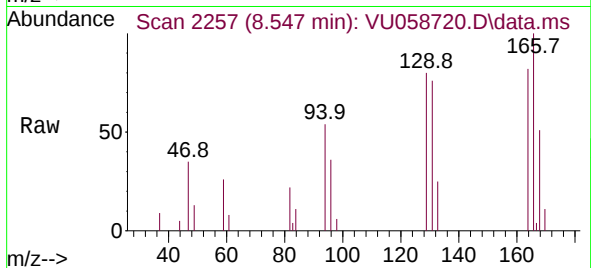
Lab File: VU058720.D

Acq: 16 Apr 2024 16:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3727

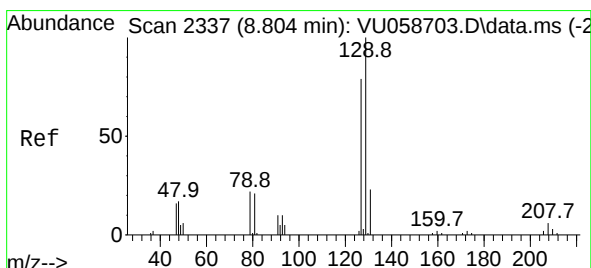
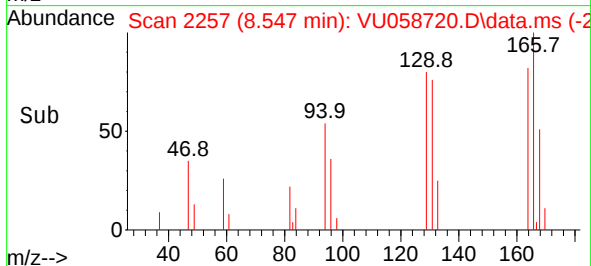
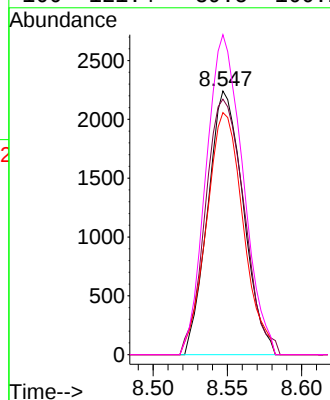
Ion Ratio Lower Upper

164 100

129 96.9 67.3 125.1

131 91.8 65.5 121.6

166 121.4 89.5 166.1



#49

Dibromochloromethane

Concen: 0.796 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU058720.D

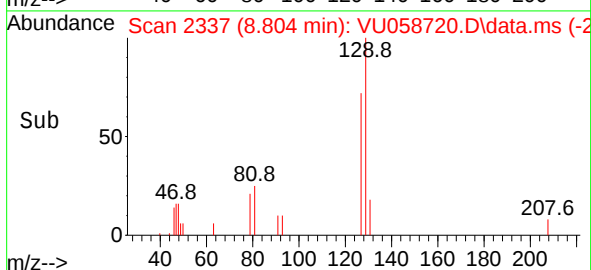
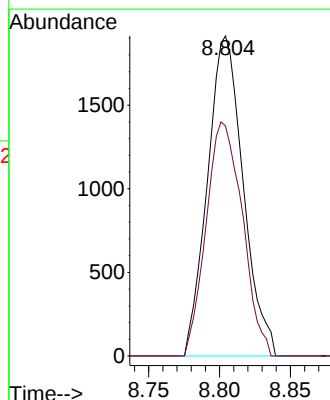
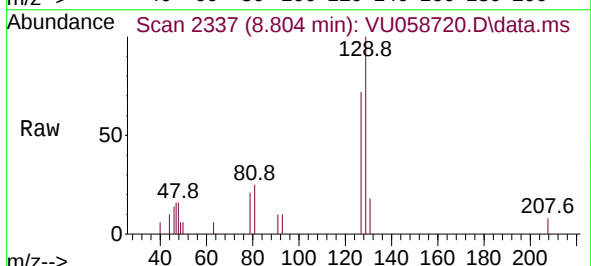
Acq: 16 Apr 2024 16:50

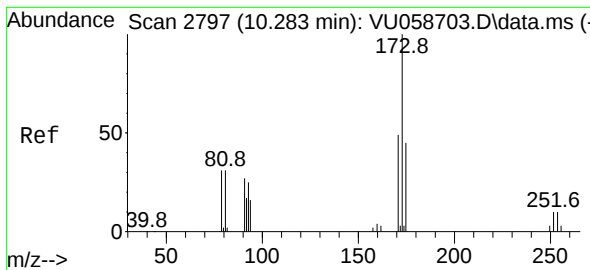
Tgt Ion:129 Resp: 3354

Ion Ratio Lower Upper

129 100

127 71.9 53.5 99.5





#59

Bromoform

Concen: 1.054 ug/L

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058720.D

Acq: 16 Apr 2024 16:50

Instrument :

MSVOA_U

ClientSampleId :

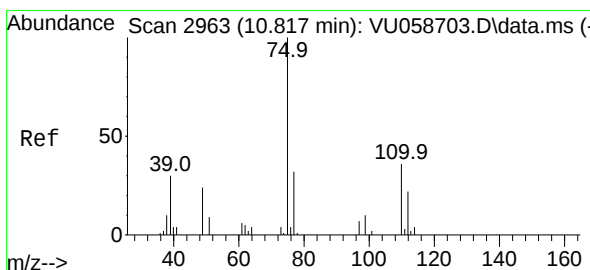
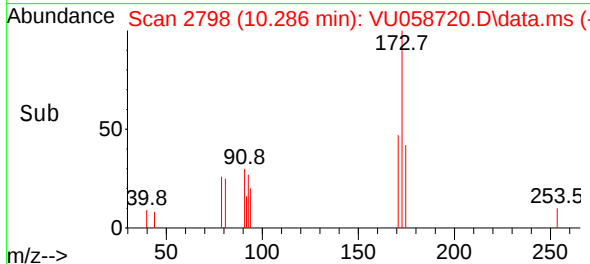
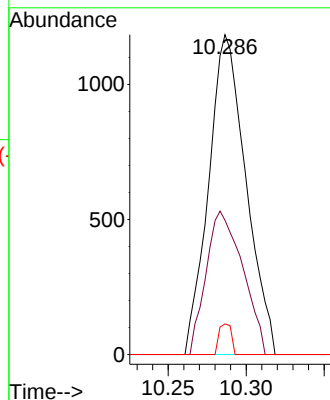
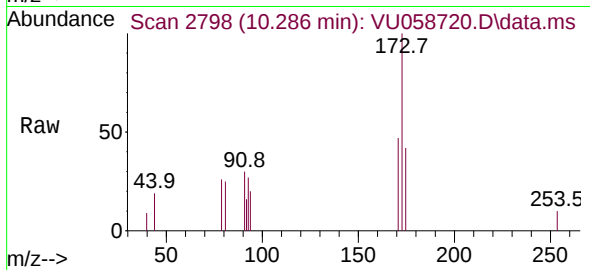
Tgt Ion:173 Resp: 1968

Ion Ratio Lower Upper

173 100

175 44.0 38.0 57.0

254 3.2 7.5 11.3#



#61

1,2,3-Trichloropropane

Concen: 1.449 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058720.D

Acq: 16 Apr 2024 16:50

Tgt Ion: 75 Resp: 4133

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 32.2 25.1 37.7

