

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059762.D
 Acq On : 03 Jul 2024 01:09
 Operator : MD/SY
 Sample : P3121-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:10:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

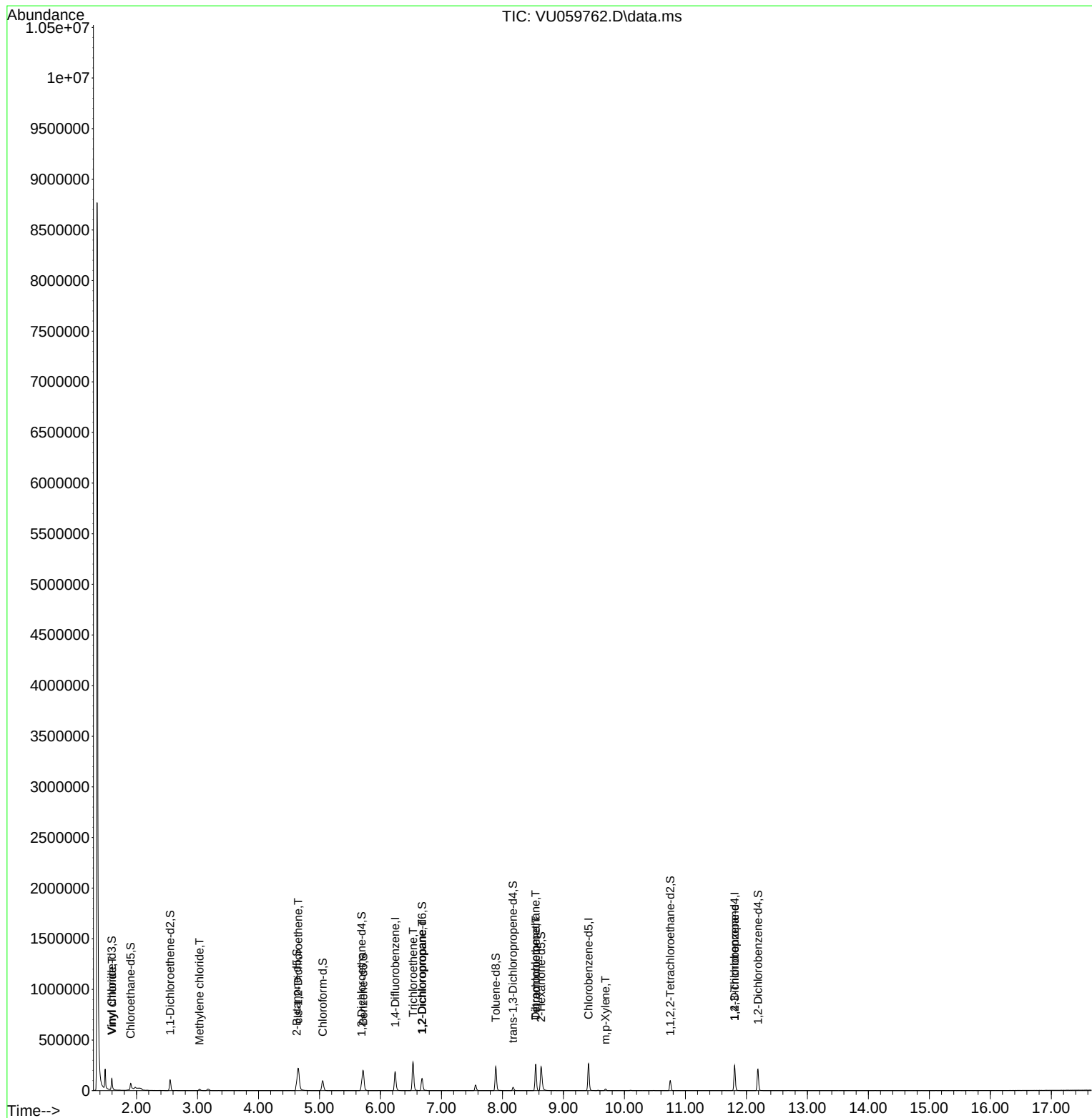
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	54119	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.904	69	54663	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.550	65	19968	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.627	46	114543	48.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.080%
24) Chloroform-d	5.052	84	95602	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.692	65	48718	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.717	84	196660	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	62385	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	166989	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.174	79	20720	4.937	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.634	63	99643	57.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53742	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	62064	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	20794	1.253	ug/L	95
16) Methylene chloride	3.033	84	7288	0.526	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	109017	8.138	ug/L	96
34) Trichloroethene	6.534	95	99662	7.626	ug/L	96
37) 1,2-Dichloropropane	6.685	63	6392	0.512	ug/L #	90
47) Tetrachloroethene	8.547	164	59624	5.879	ug/L	96
49) Dibromochloromethane	8.544	129	56624	5.554	ug/L #	12
53) m,p-Xylene	9.688	106	5052	0.251	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	8222	1.239	ug/L #	71

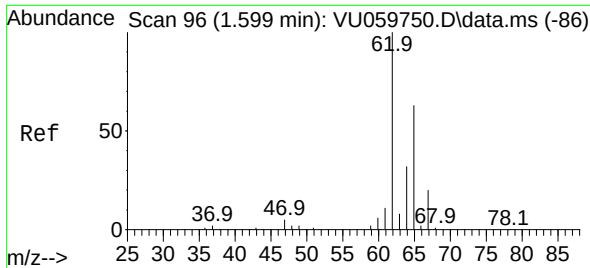
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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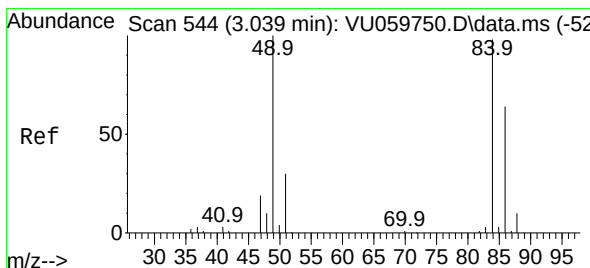
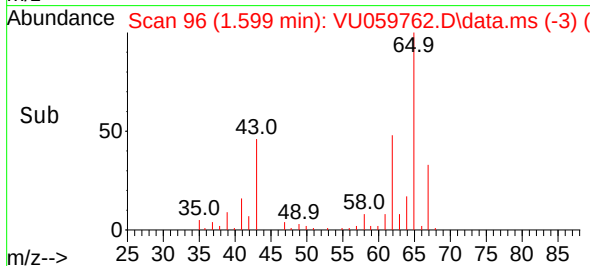
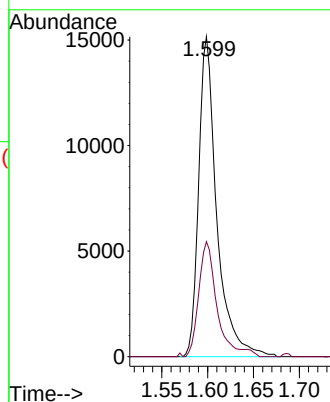
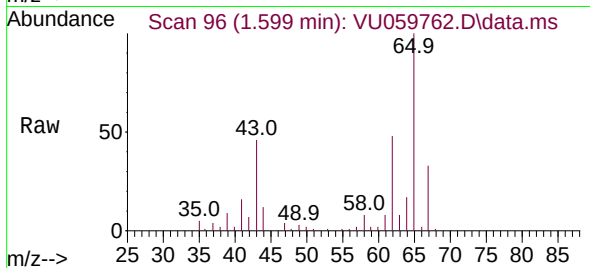




#5
 Vinyl chloride
 Concen: 1.253 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU059762.D
 Acq: 03 Jul 2024 01:09

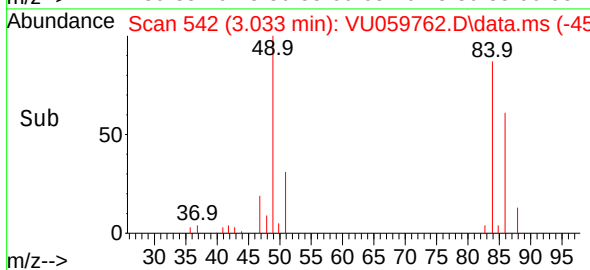
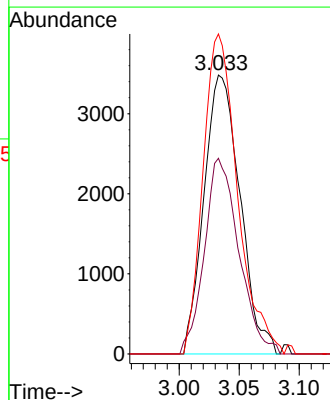
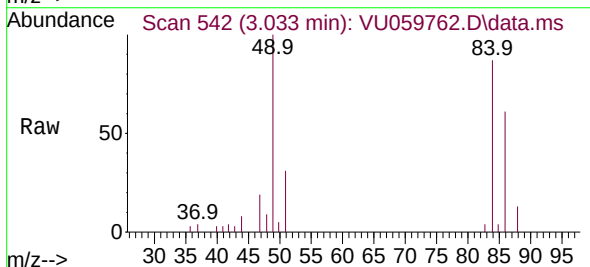
Instrument :
 MSVOA_U
 ClientSampleId :

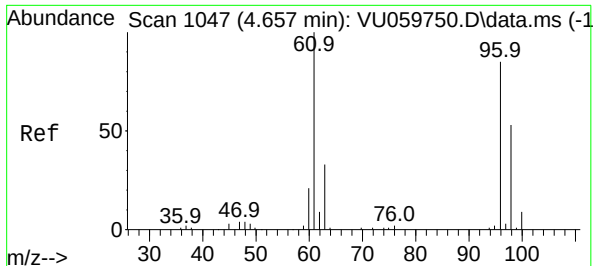
Tgt Ion: 62 Resp: 20794
 Ion Ratio Lower Upper
 62 100
 64 35.9 23.1 42.9



#16
 Methylene chloride
 Concen: 0.526 ug/L
 RT: 3.033 min Scan# 542
 Delta R.T. -0.007 min
 Lab File: VU059762.D
 Acq: 03 Jul 2024 01:09

Tgt Ion: 84 Resp: 7288
 Ion Ratio Lower Upper
 84 100
 86 70.1 42.1 78.1
 49 120.1 80.6 149.8





#22

cis-1,2-Dichloroethene

Concen: 8.138 ug/L

RT: 4.653 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059762.D

Acq: 03 Jul 2024 01:09

Instrument :

MSVOA_U

ClientSampleId :

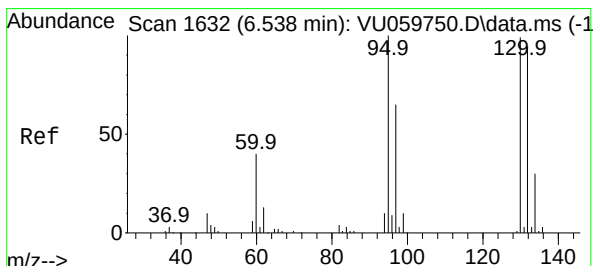
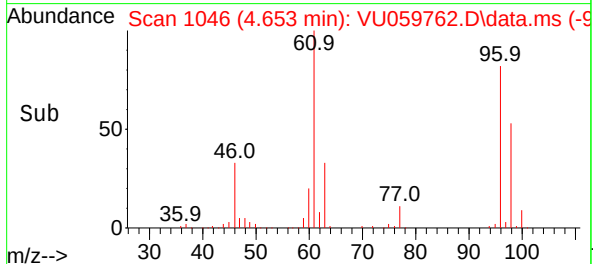
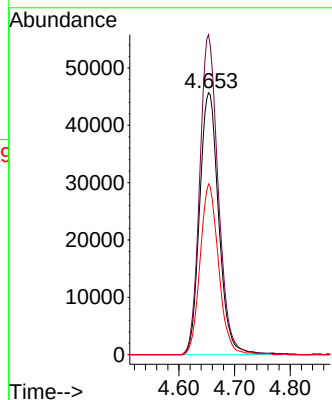
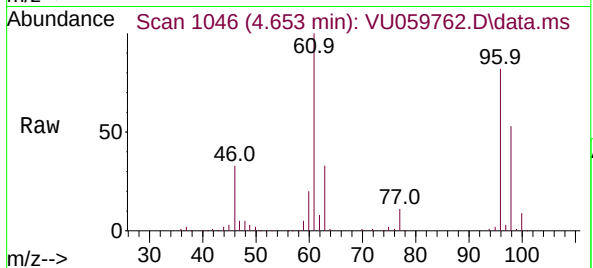
Tgt Ion: 96 Resp: 109017

Ion Ratio Lower Upper

96 100

61 122.2 87.4 162.2

98 65.1 42.3 78.5



#34

Trichloroethene

Concen: 7.626 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU059762.D

Acq: 03 Jul 2024 01:09

Tgt Ion: 95 Resp: 99662

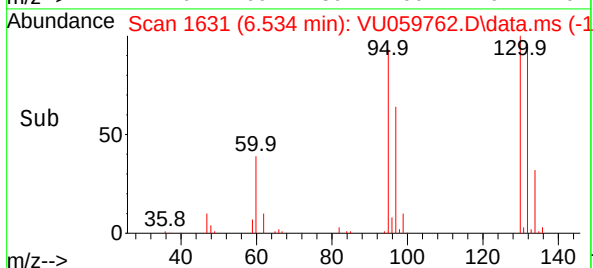
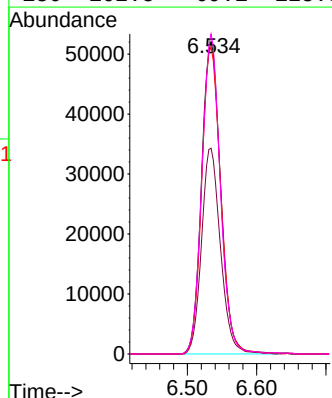
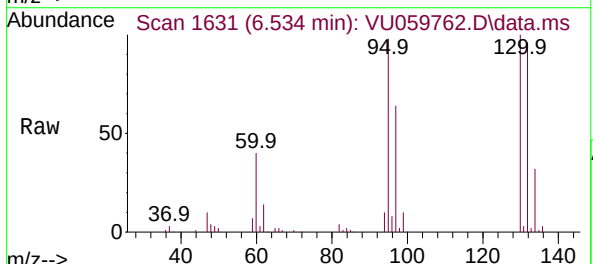
Ion Ratio Lower Upper

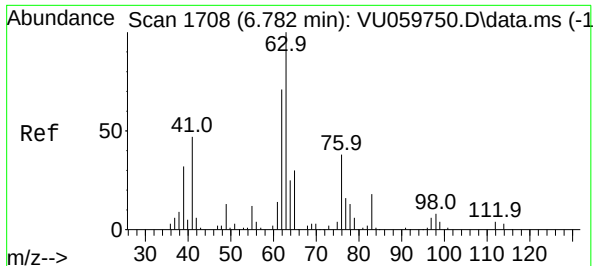
95 100

97 65.9 45.3 84.1

132 98.3 64.0 119.0

130 102.5 69.1 128.3

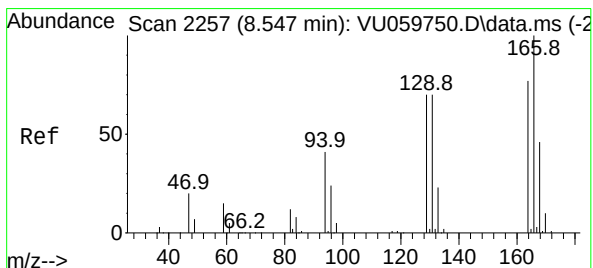
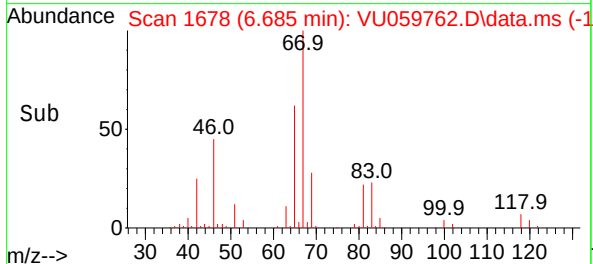
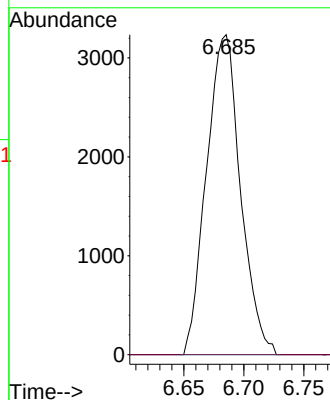
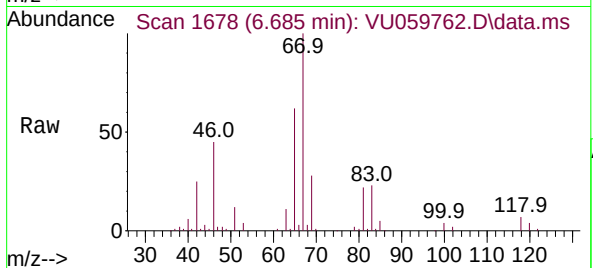




#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU059762.D
Acq: 03 Jul 2024 01:09

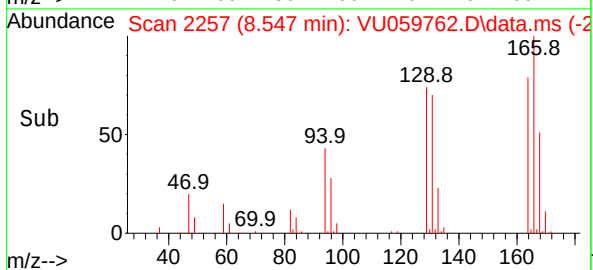
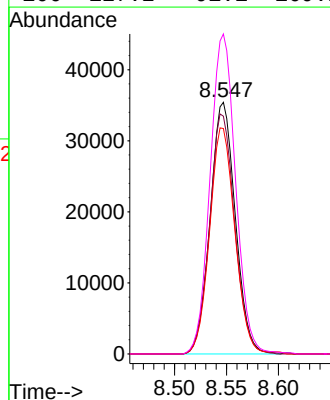
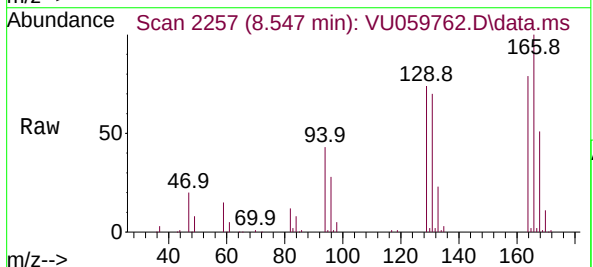
Instrument :
MSVOA_U
ClientSampleId :

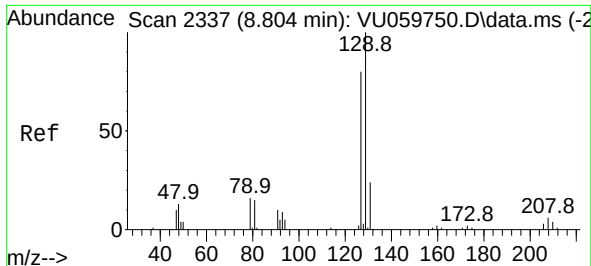
Tgt Ion: 63 Resp: 6392
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 5.879 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059762.D
Acq: 03 Jul 2024 01:09

Tgt Ion:164 Resp: 59624
Ion Ratio Lower Upper
164 100
129 94.5 70.8 131.4
131 89.6 64.8 120.3
166 127.2 91.1 169.1





#49

Dibromochloromethane

Concen: 5.554 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.261 min

Lab File: VU059762.D

Acq: 03 Jul 2024 01:09

Instrument :

MSVOA_U

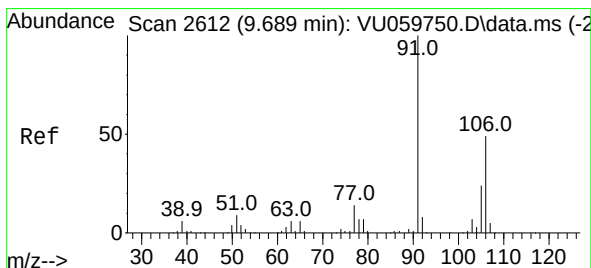
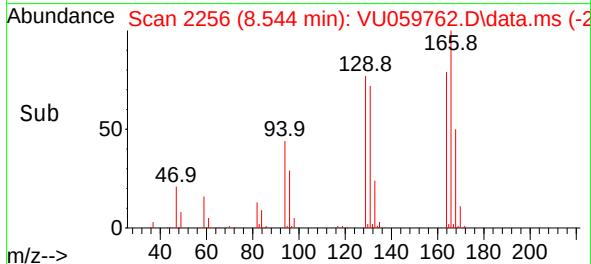
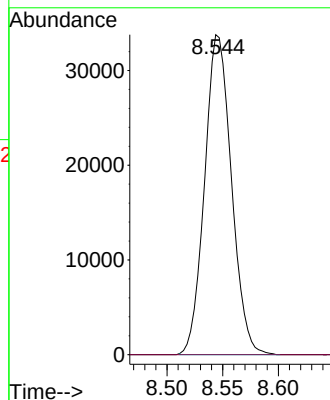
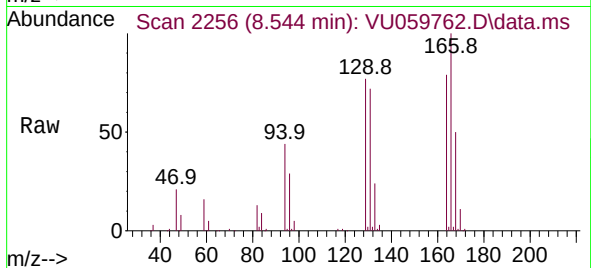
ClientSampleId :

Tgt Ion:129 Resp: 56624

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#53

m,p-Xylene

Concen: 0.251 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059762.D

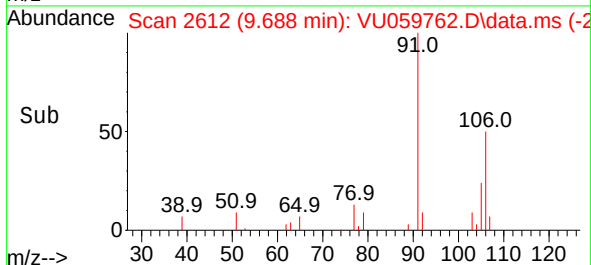
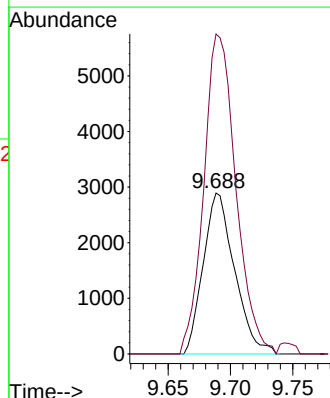
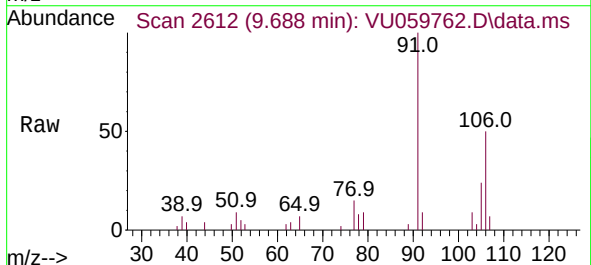
Acq: 03 Jul 2024 01:09

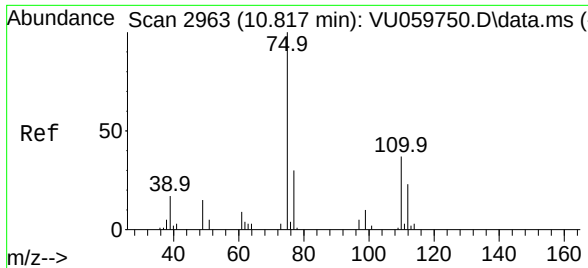
Tgt Ion:106 Resp: 5052

Ion Ratio Lower Upper

106 100

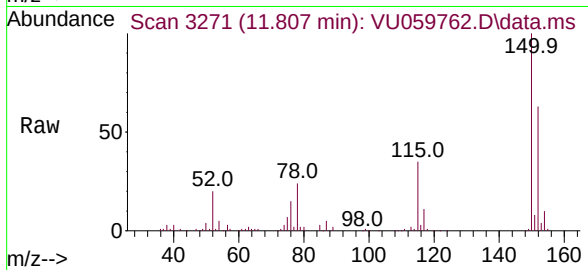
91 198.8 142.0 263.8





#61
1,2,3-Trichloropropane
Concen: 1.239 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059762.D
Acq: 03 Jul 2024 01:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8222
Ion Ratio Lower Upper
75 100
110 1.4 27.1 40.7#
77 31.6 25.4 38.2

