

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059809.D
 Acq On : 03 Jul 2024 20:06
 Operator : MD/SY
 Sample : P3136-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:11:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

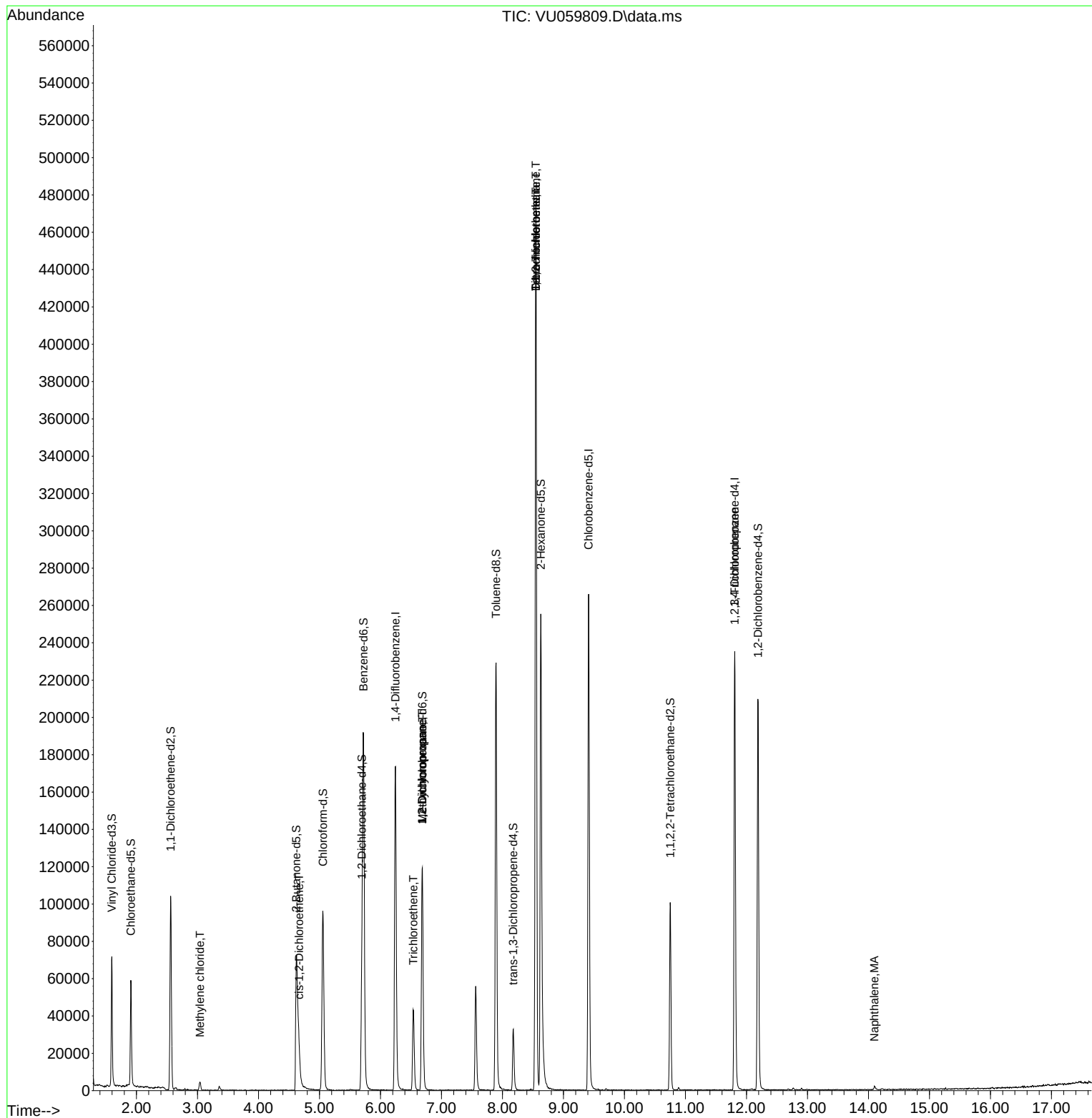
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153323	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160471	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51518	4.832	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.907	69	43191	4.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	19701	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.621	46	115048	52.388	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.780%
24) Chloroform-d	5.055	84	93300	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	48748	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.721	84	189556	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.685	67	61875	4.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.894	98	164006	3.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.177	79	20554	4.850	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	91300	51.853	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52624	4.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	60654	4.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	2204	0.171	ug/L	83
22) cis-1,2-Dichloroethene	4.666	96	7669	0.615	ug/L	95
34) Trichloroethene	6.538	95	16019	1.214	ug/L	95
35) Methylcyclohexane	6.685	83	14225	0.758	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6213	0.493	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	814	0.088	ug/L #	1
47) Tetrachloroethene	8.547	164	110666	10.806	ug/L	96
49) Dibromochloromethane	8.547	129	101992	9.908	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8218	1.260	ug/L #	68
71) Naphthalene	14.097	128	2481	0.138	ug/L #	93

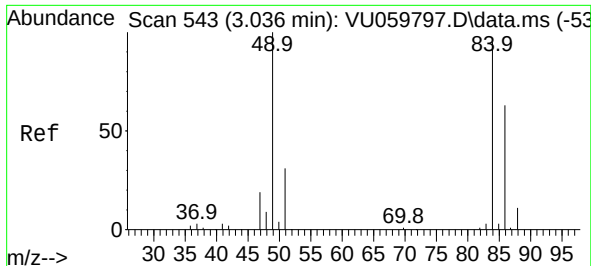
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.171 ug/L

RT: 3.039 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU059809.D

Acq: 03 Jul 2024 20:06

Instrument :

MSVOA_U

ClientSampleId :

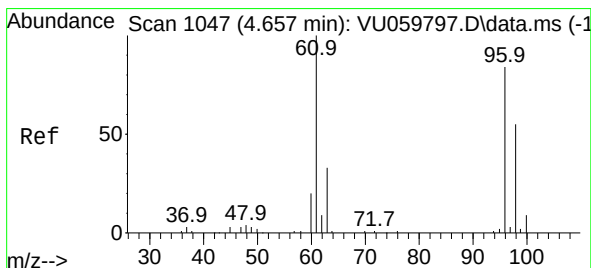
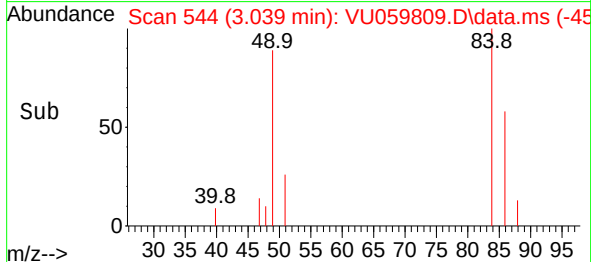
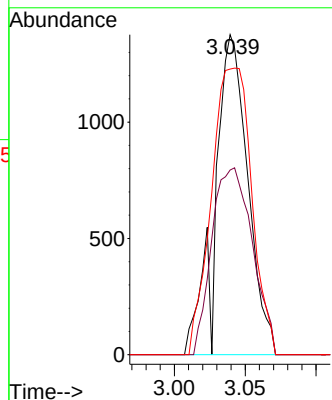
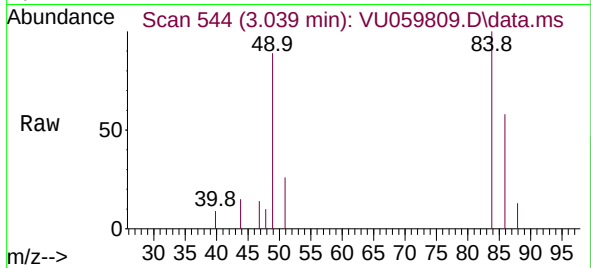
Tgt Ion: 84 Resp: 2204

Ion Ratio Lower Upper

84 100

86 57.7 42.1 78.1

49 89.2 80.6 149.8



#22

cis-1,2-Dichloroethene

Concen: 0.615 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU059809.D

Acq: 03 Jul 2024 20:06

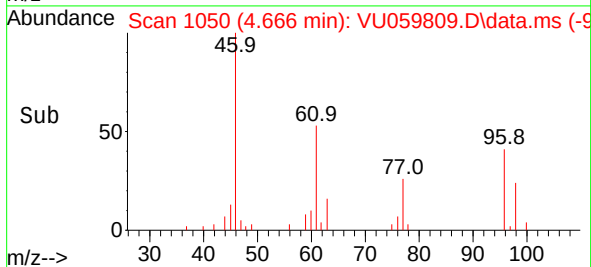
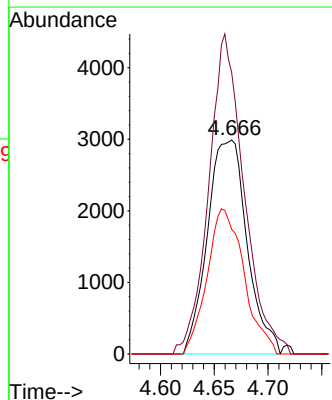
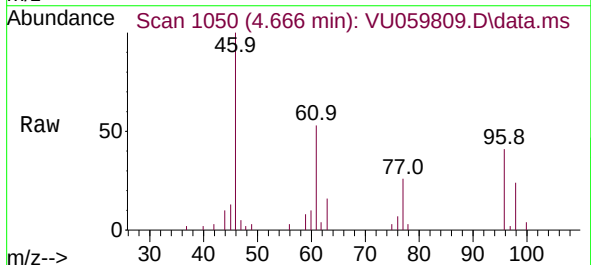
Tgt Ion: 96 Resp: 7669

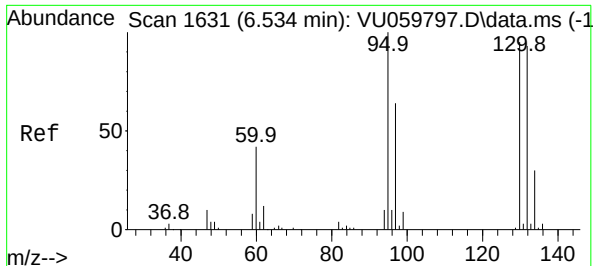
Ion Ratio Lower Upper

96 100

61 131.4 87.4 162.2

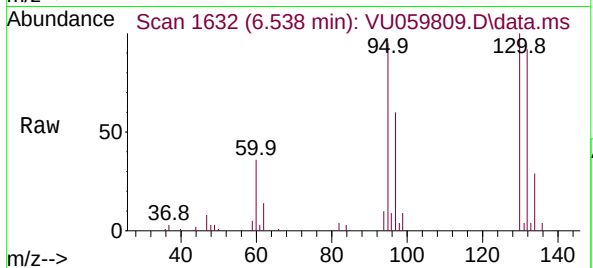
98 58.2 42.3 78.5



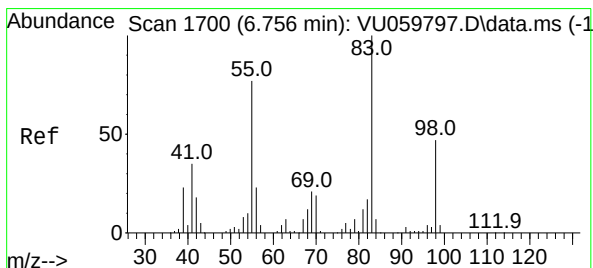
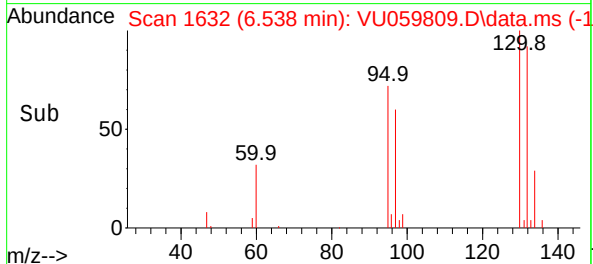
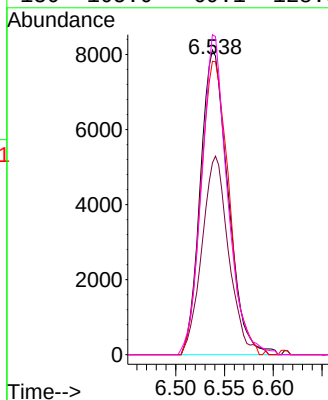


#34
Trichloroethene
Concen: 1.214 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU059809.D
Acq: 03 Jul 2024 20:06

Instrument :
MSVOA_U
ClientSampleId :

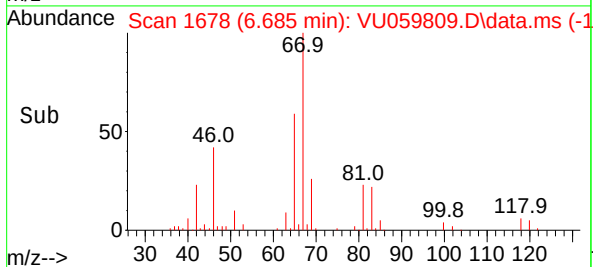
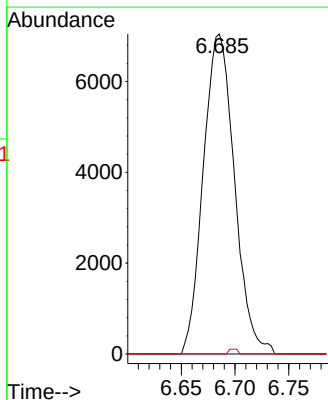
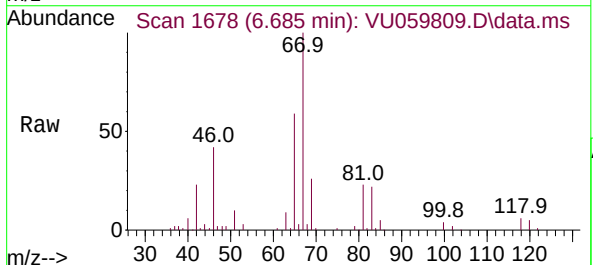


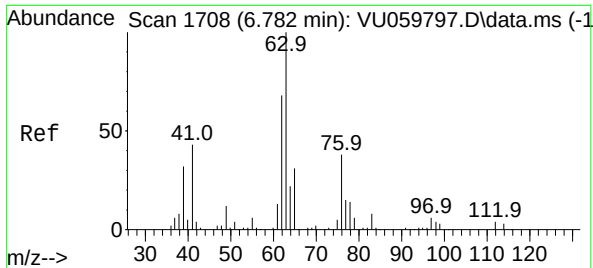
Tgt Ion:	95	Resp:	16019
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.3	84.1
132	96.3	64.0	119.0
130	105.0	69.1	128.3



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059809.D
Acq: 03 Jul 2024 20:06

Tgt Ion:	83	Resp:	14225
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.4	35.4	53.0#

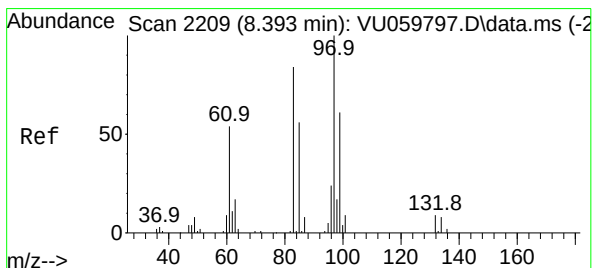
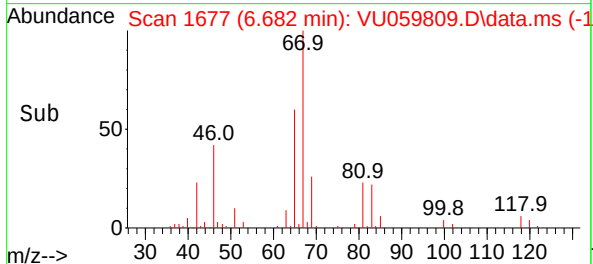
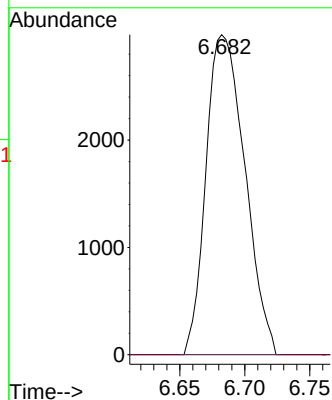
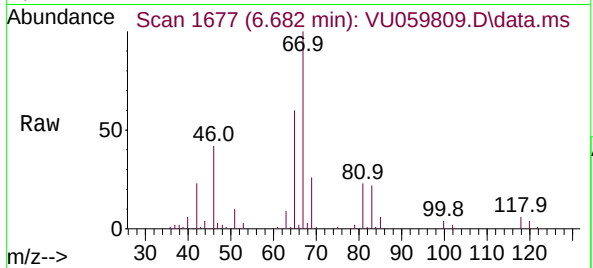




#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059809.D
Acq: 03 Jul 2024 20:06

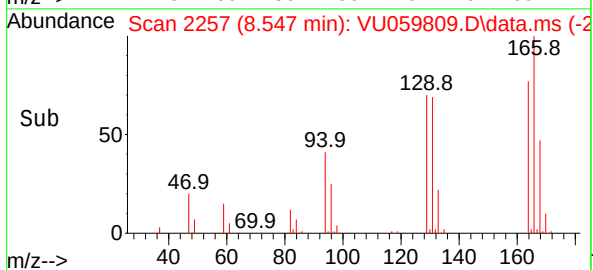
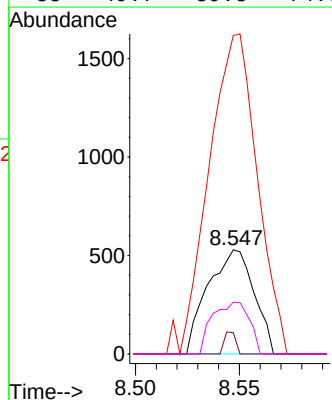
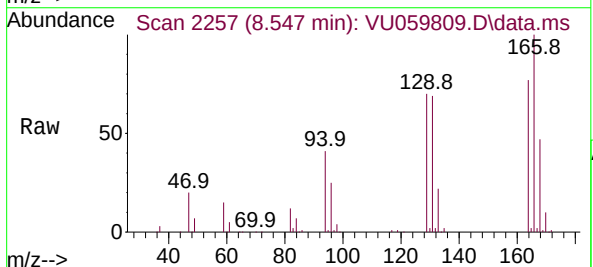
Instrument :
MSVOA_U
ClientSampleId :

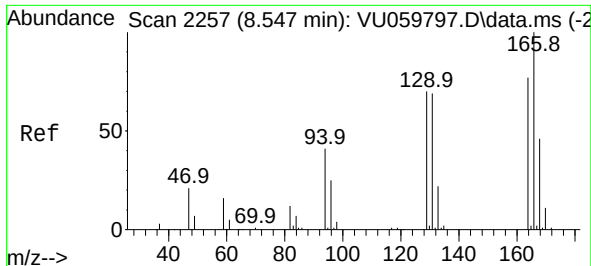
Tgt Ion: 63 Resp: 6213
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#45
1,1,2-Trichloroethane
Concen: 0.088 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU059809.D
Acq: 03 Jul 2024 20:06

Tgt Ion: 97 Resp: 814
Ion Ratio Lower Upper
97 100
99 20.4 43.3 80.3#
83 305.9 62.3 115.7#
85 49.7 39.8 74.0





#47

Tetrachloroethene

Concen: 10.806 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

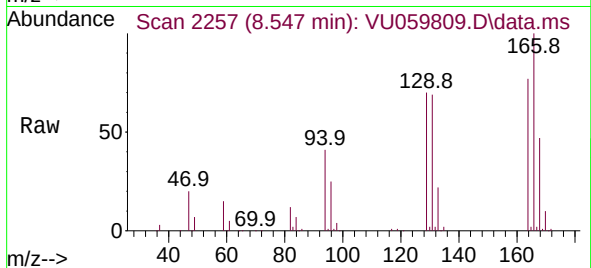
Lab File: VU059809.D

Acq: 03 Jul 2024 20:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 110666

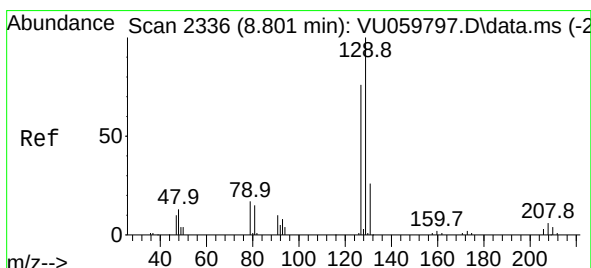
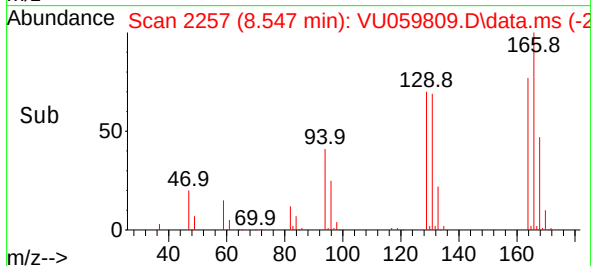
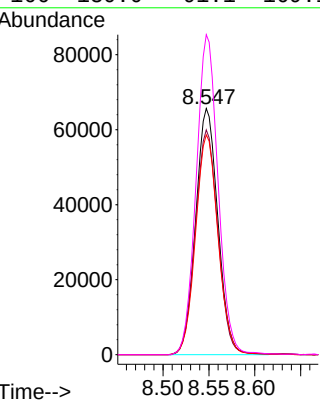
Ion Ratio Lower Upper

164 100

129 91.3 70.8 131.4

131 89.3 64.8 120.3

166 130.0 91.1 169.1



#49

Dibromochloromethane

Concen: 9.908 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059809.D

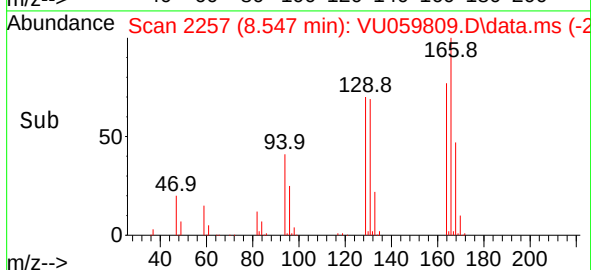
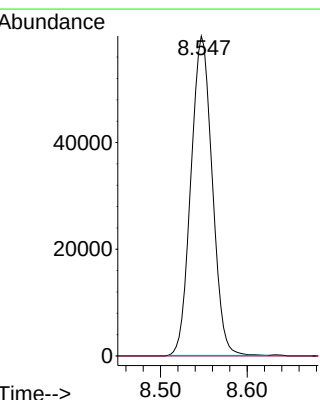
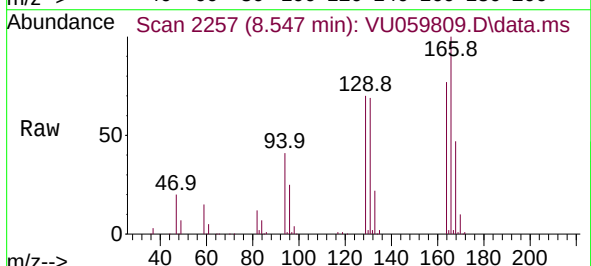
Acq: 03 Jul 2024 20:06

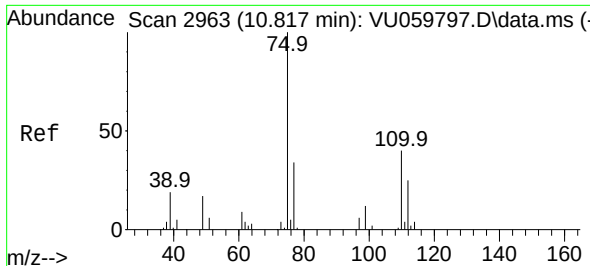
Tgt Ion:129 Resp: 101992

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#





#61

1,2,3-Trichloropropane

Concen: 1.260 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU059809.D

Acq: 03 Jul 2024 20:06

Instrument :

MSVOA_U

ClientSampleId :

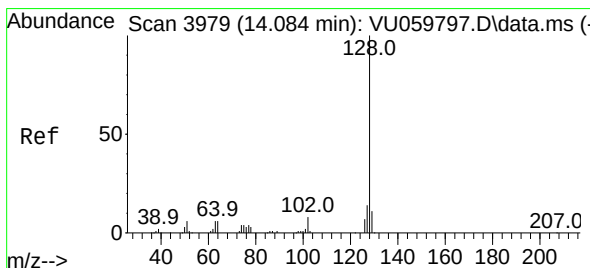
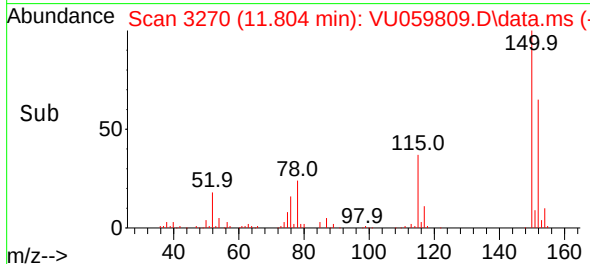
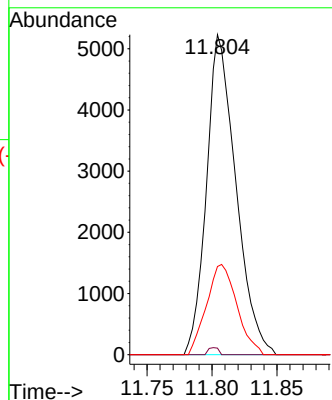
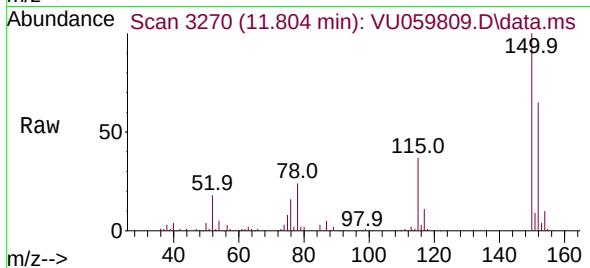
Tgt Ion: 75 Resp: 8218

Ion Ratio Lower Upper

75 100

110 0.8 27.1 40.7#

77 29.1 25.4 38.2



#71

Naphthalene

Concen: 0.138 ug/L

RT: 14.097 min Scan# 3983

Delta R.T. 0.013 min

Lab File: VU059809.D

Acq: 03 Jul 2024 20:06

Tgt Ion: 128 Resp: 2481

Ion Ratio Lower Upper

128 100

129 9.0 8.2 12.4

127 8.6 10.2 15.4#

