

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059591.D
 Acq On : 28 Jun 2024 03:04
 Operator : MD/SY
 Sample : P3007-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 06:59:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

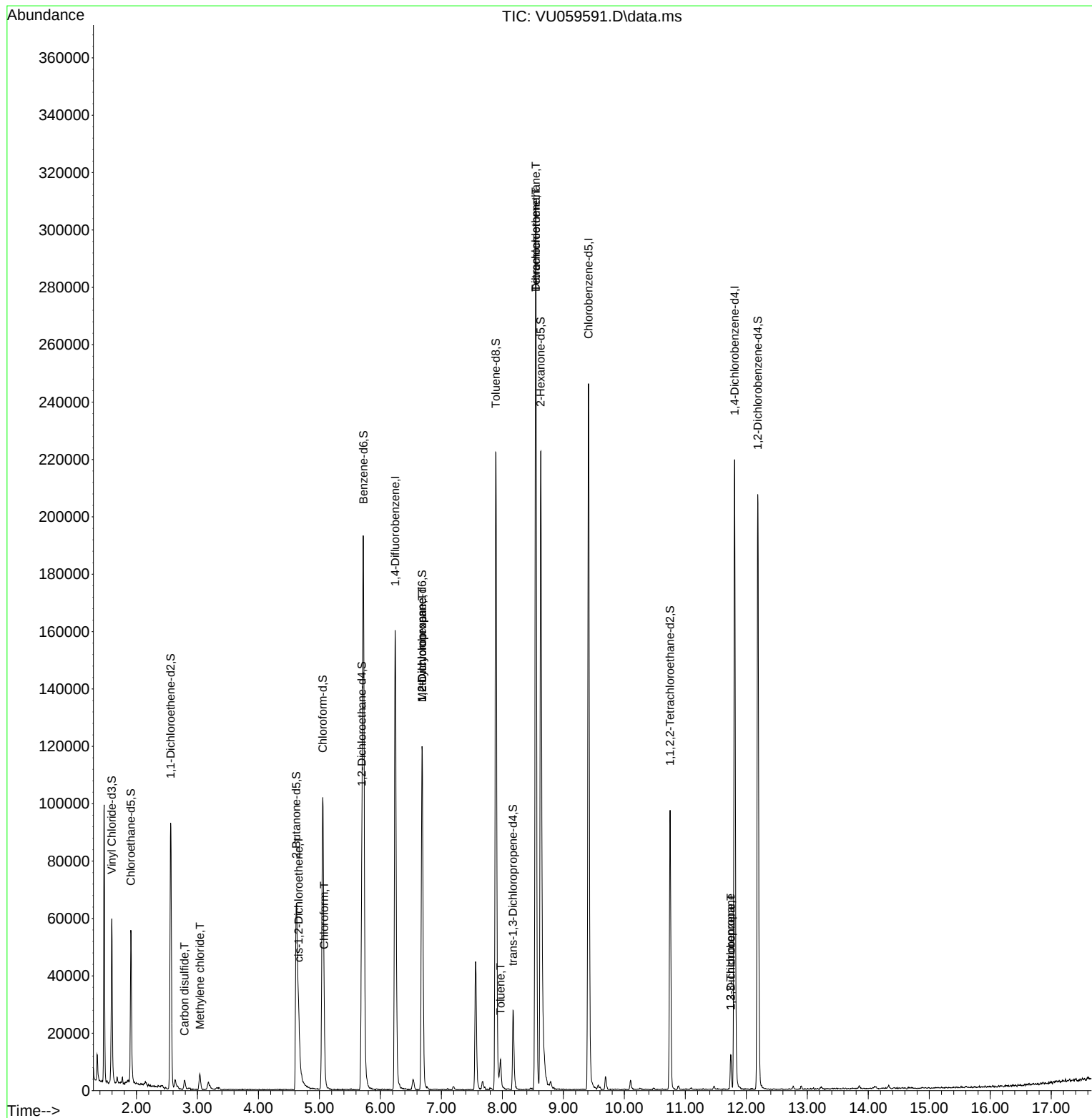
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139223	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40065	4.139	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.908	69	40735	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	17399	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.621	46	100173	50.234	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.460%
24) Chloroform-d	5.055	84	97504	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	46672	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	189559	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	60330	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	159339	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	17164	4.414	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.627	63	79159	48.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50563	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60769	5.442	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.788	76	3956	0.120	ug/L #	93
16) Methylene chloride	3.039	84	2681	0.229	ug/L	86
22) cis-1,2-Dichloroethene	4.660	96	6102	0.539	ug/L	94
25) Chloroform	5.078	83	4346	0.218	ug/L	100
35) Methylcyclohexane	6.682	83	14257	0.827	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6148	0.531	ug/L #	90
42) Toluene	7.968	91	8313	0.176	ug/L	99
47) Tetrachloroethene	8.547	164	70863	7.542	ug/L	97
49) Dibromochloromethane	8.547	129	66774	7.069	ug/L #	12
61) 1,2,3-Trichloropropane	11.743	75	1583	0.273	ug/L #	43
64) 1,3-Dichlorobenzene	11.746	146	5668	0.288	ug/L	94

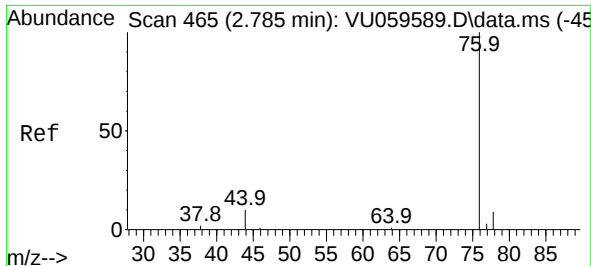
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.120 ug/L

RT: 2.788 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

Instrument :

MSVOA_U

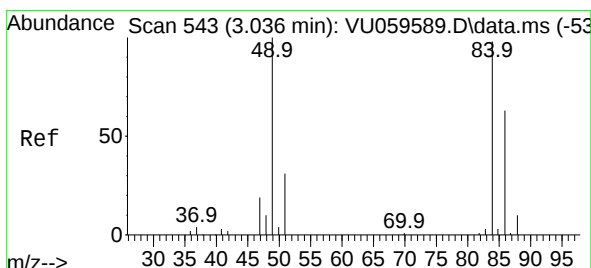
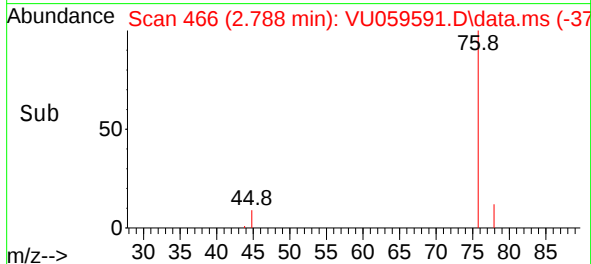
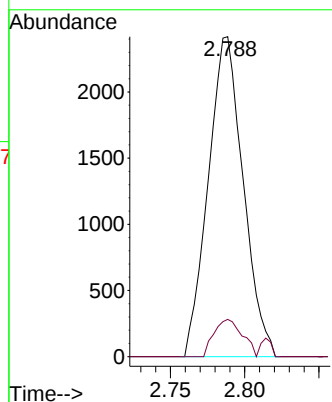
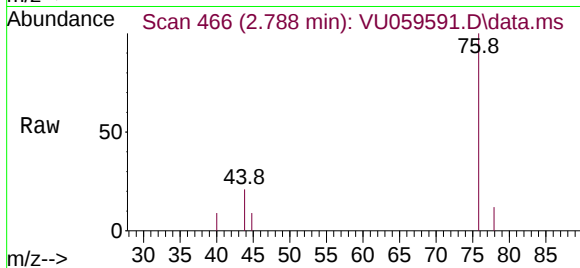
ClientSampleId :

Tgt Ion: 76 Resp: 3956

Ion Ratio Lower Upper

76 100

78 11.6 7.3 10.9#



#16

Methylene chloride

Concen: 0.229 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

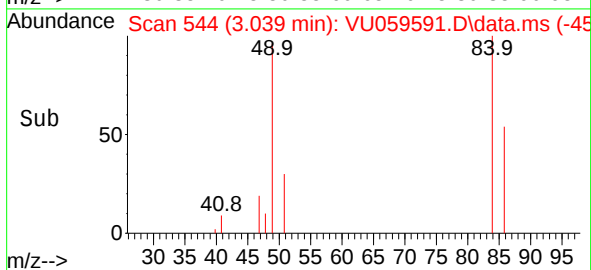
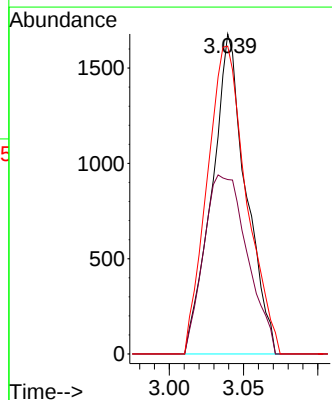
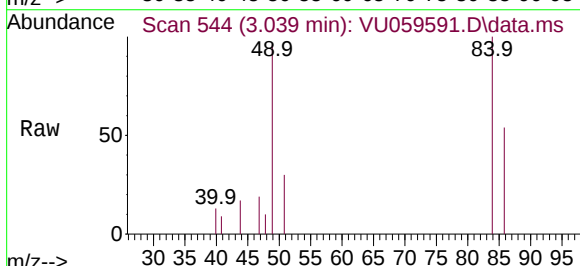
Tgt Ion: 84 Resp: 2681

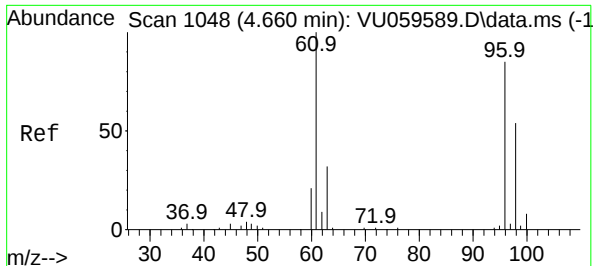
Ion Ratio Lower Upper

84 100

86 54.5 42.1 78.1

49 96.2 80.6 149.8

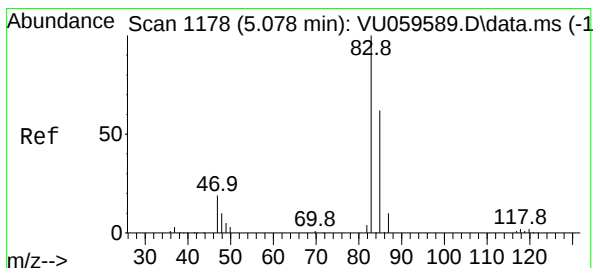
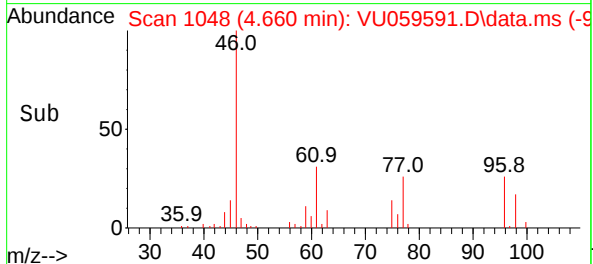
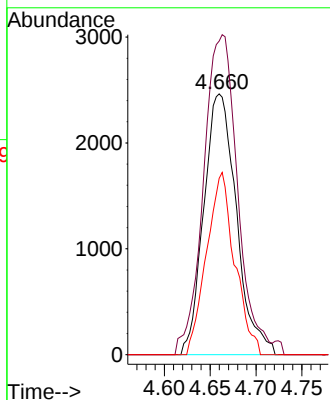
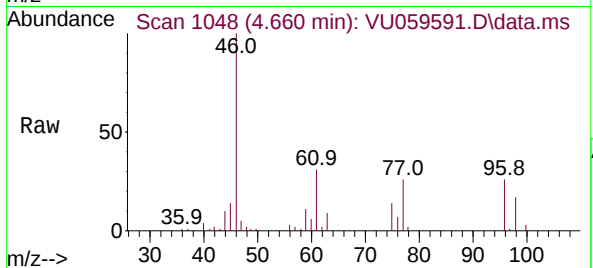




#22
cis-1,2-Dichloroethene
Concen: 0.539 ug/L
RT: 4.660 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VU059591.D
Acq: 28 Jun 2024 03:04

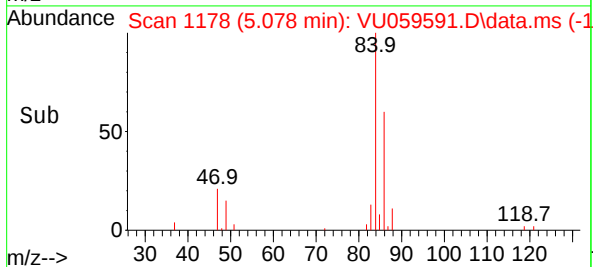
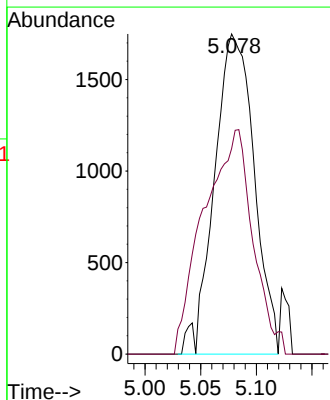
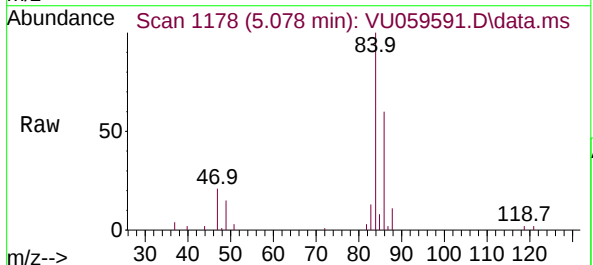
Instrument :
MSVOA_U
ClientSampleId :

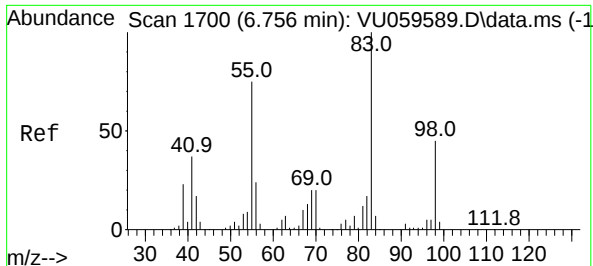
Tgt Ion: 96 Resp: 6102
Ion Ratio Lower Upper
96 100
61 120.3 87.4 162.2
98 67.6 42.3 78.5



#25
Chloroform
Concen: 0.218 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059591.D
Acq: 28 Jun 2024 03:04

Tgt Ion: 83 Resp: 4346
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1





#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059591.D

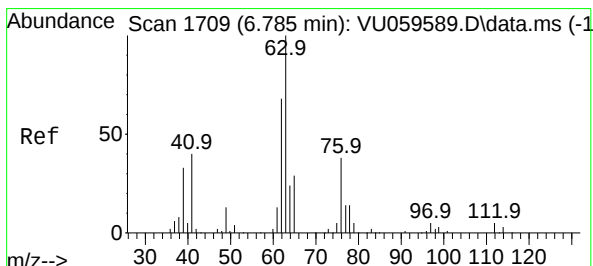
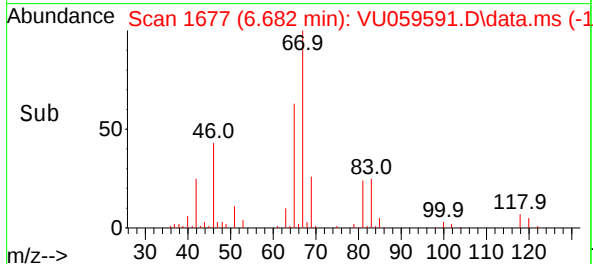
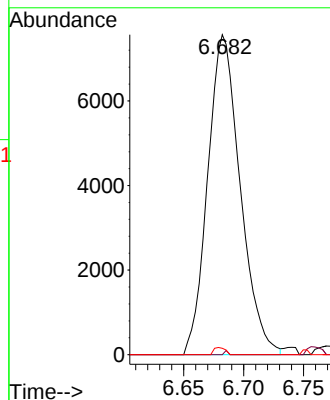
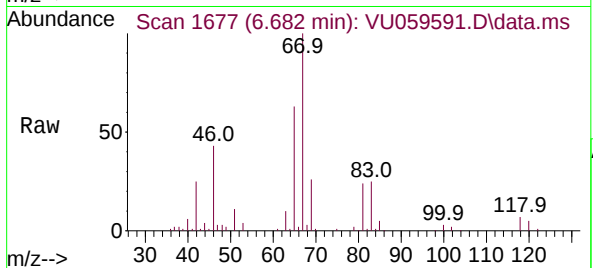
Acq: 28 Jun 2024 03:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14257
Ion Ratio	Lower Upper
83	100
55	0.1 62.7 94.1#
98	0.8 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

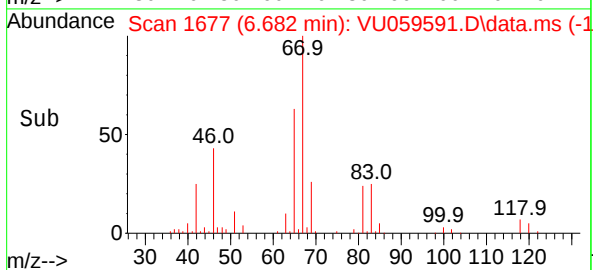
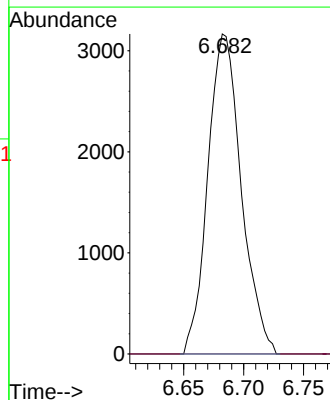
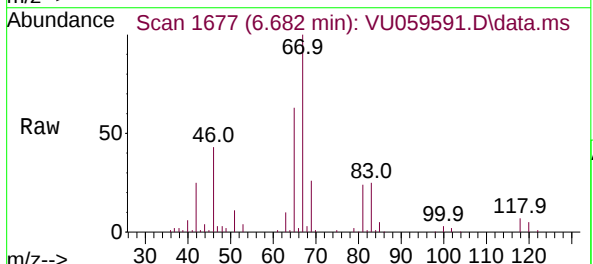
RT: 6.682 min Scan# 1677

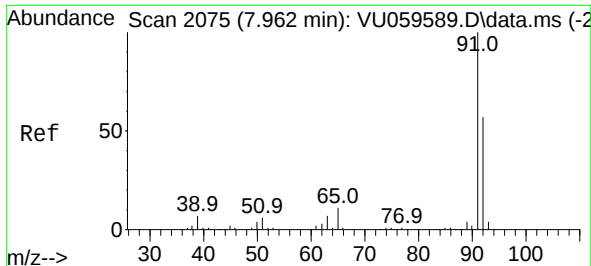
Delta R.T. -0.103 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

Tgt Ion: 63	Resp: 6148
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#42

Toluene

Concen: 0.176 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

Instrument :

MSVOA_U

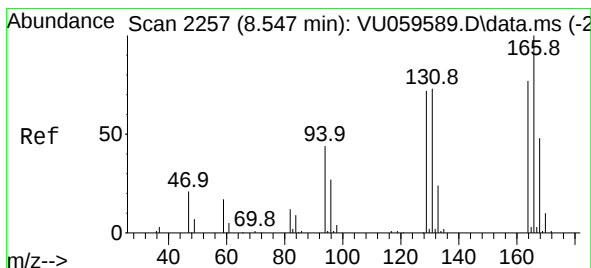
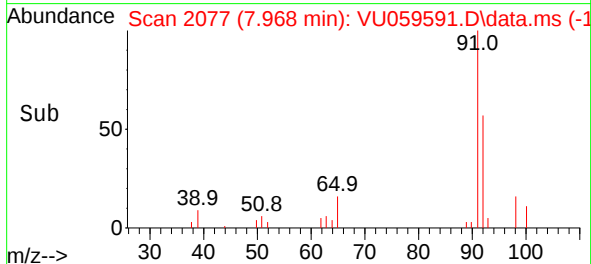
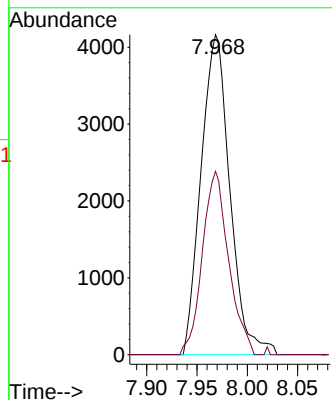
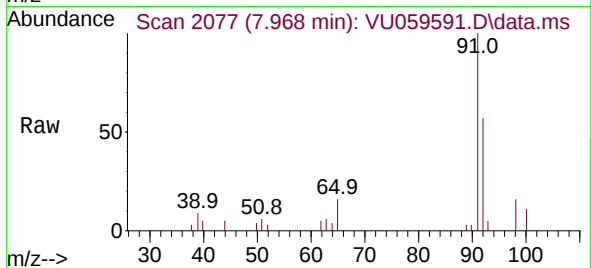
ClientSampleId :

Tgt Ion: 91 Resp: 8313

Ion Ratio Lower Upper

91 100

92 57.3 39.7 73.7



#47

Tetrachloroethene

Concen: 7.542 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

Tgt Ion: 164 Resp: 70863

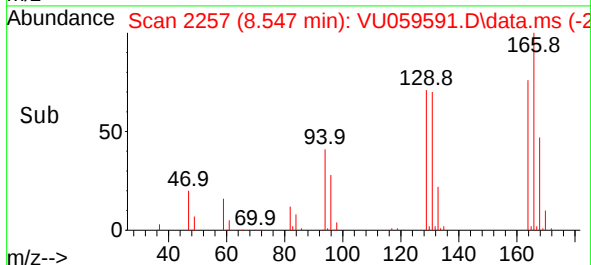
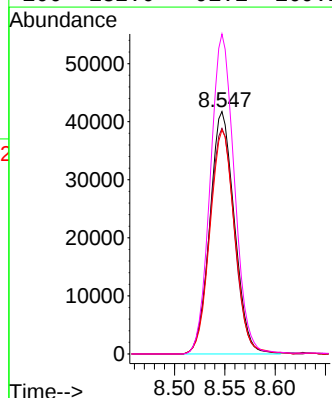
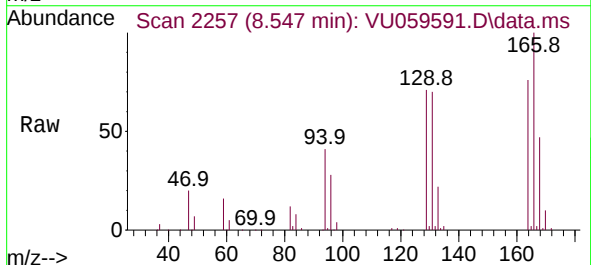
Ion Ratio Lower Upper

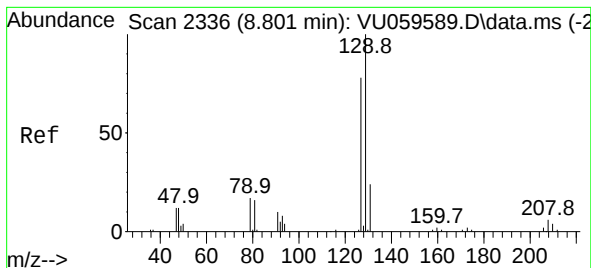
164 100

129 93.1 70.8 131.4

131 92.4 64.8 120.3

166 132.0 91.1 169.1





#49

Dibromochloromethane

Concen: 7.069 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

Instrument :

MSVOA_U

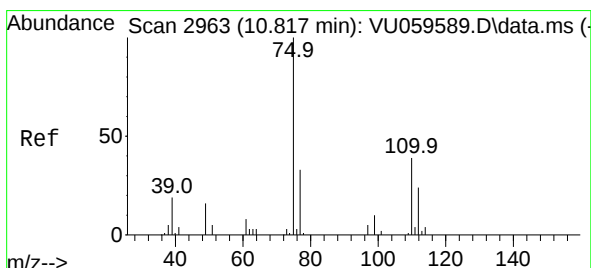
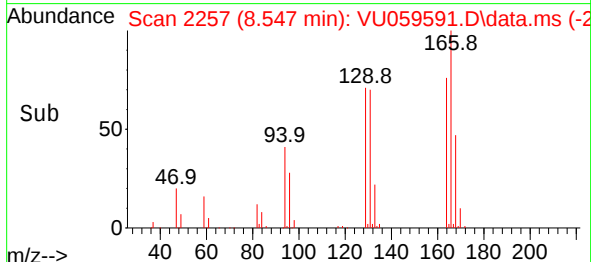
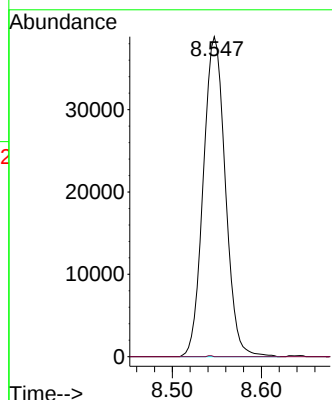
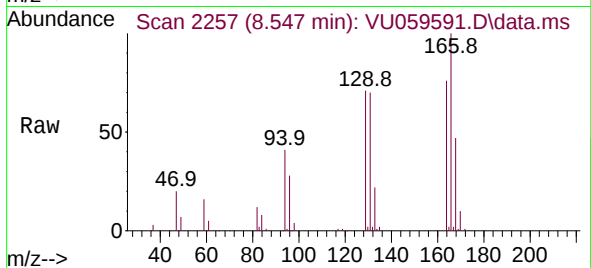
ClientSampleId :

Tgt Ion:129 Resp: 66774

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 0.273 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.926 min

Lab File: VU059591.D

Acq: 28 Jun 2024 03:04

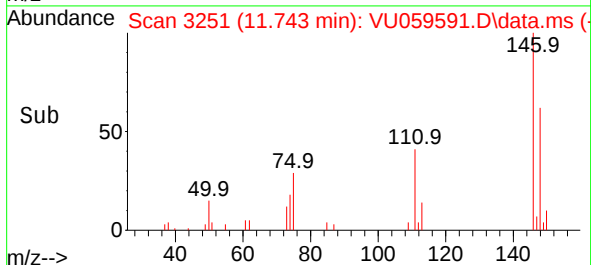
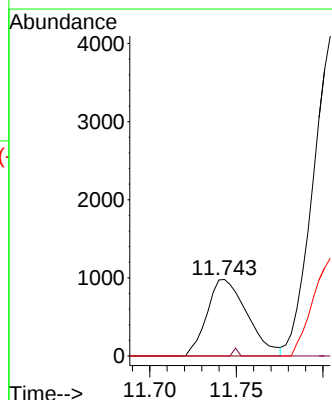
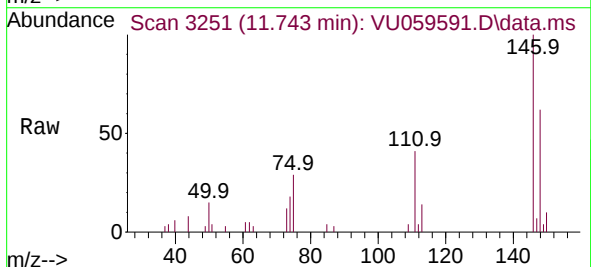
Tgt Ion: 75 Resp: 1583

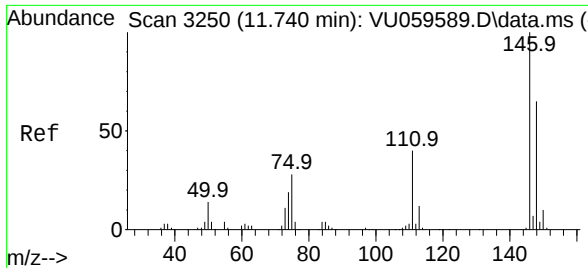
Ion Ratio Lower Upper

75 100

110 1.2 27.1 40.7#

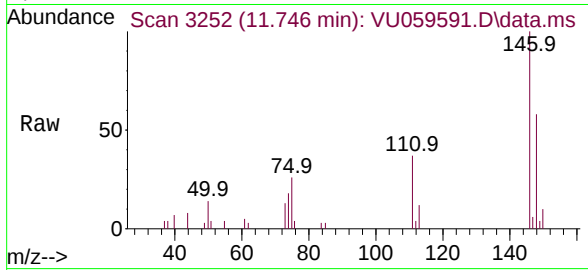
77 0.0 25.4 38.2#





#64
 1,3-Dichlorobenzene
 Concen: 0.288 ug/L
 RT: 11.746 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VU059591.D
 Acq: 28 Jun 2024 03:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:146 Resp: 5668

Ion	Ratio	Lower	Upper
146	100		
111	37.4	27.4	51.0
148	57.8	45.0	83.6

