

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059600.D
 Acq On : 28 Jun 2024 06:39
 Operator : MD/SY
 Sample : P3007-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 07:01:14 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)

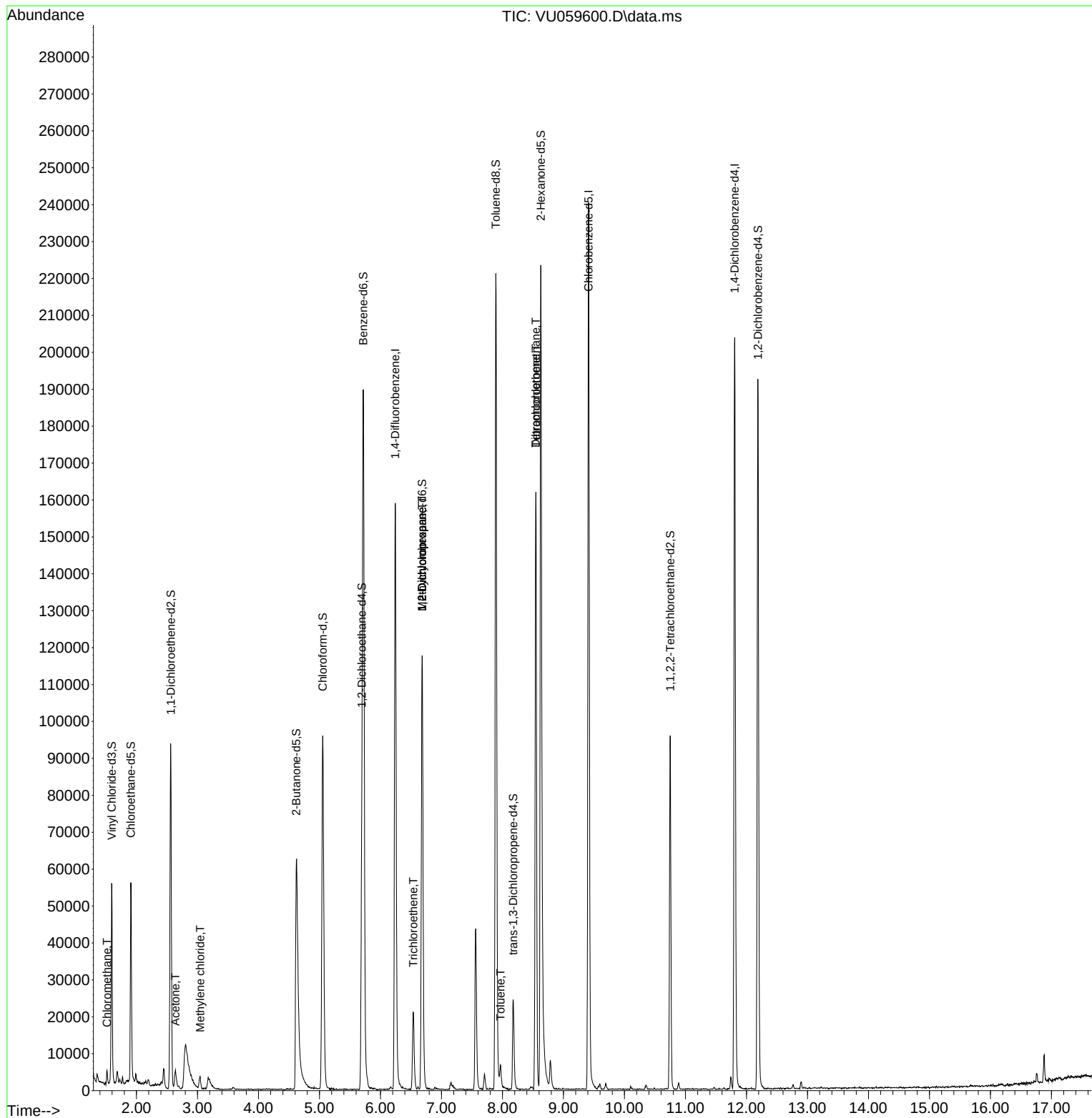
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	59619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36977	3.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.908	69	40034	4.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.564	65	17716	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.621	46	102848	52.385	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	5.052	84	93734	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	47078	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.718	84	186480	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	59415	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	158028	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	16291	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.628	63	78886	50.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49354	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	57163	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
3) Chloromethane	1.519	50	2447	0.196	ug/L	100
13) Acetone	2.638	43	6885	5.406	ug/L	94
16) Methylene chloride	3.043	84	1811	0.157	ug/L	90
34) Trichloroethene	6.538	95	7585	0.642	ug/L	97
35) Methylcyclohexane	6.682	83	13952	0.830	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5933	0.526	ug/L #	90
42) Toluene	7.969	91	4935	0.107	ug/L	86
47) Tetrachloroethene	8.547	164	37246	4.064	ug/L	98
49) Dibromochloromethane	8.547	129	35224	3.824	ug/L #	12

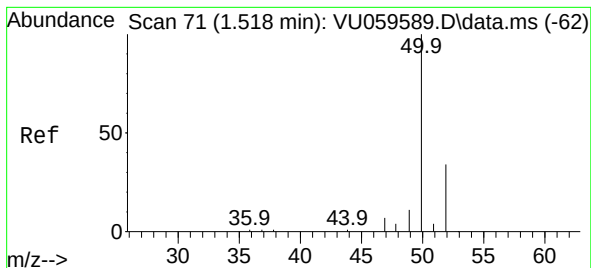
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.196 ug/L

RT: 1.519 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU059600.D

Acq: 28 Jun 2024 06:39

Instrument :

MSVOA_U

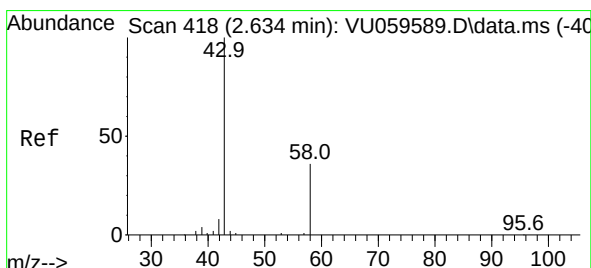
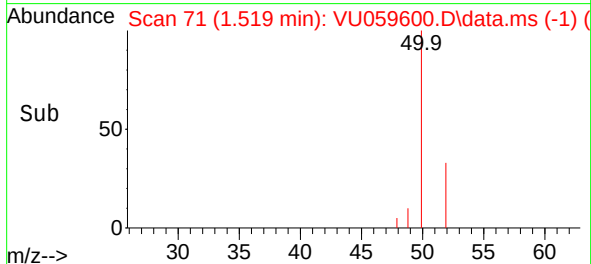
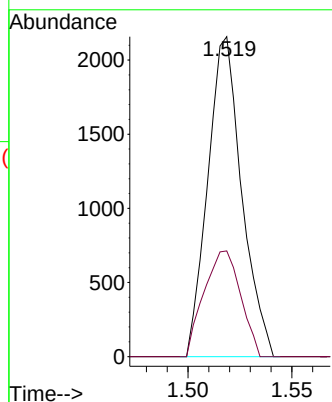
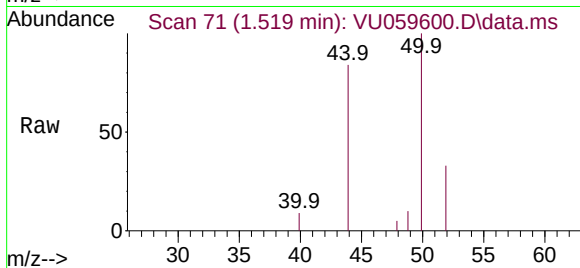
ClientSampleId :

Tgt Ion: 50 Resp: 2447

Ion Ratio Lower Upper

50 100

52 33.0 23.2 43.0



#13

Acetone

Concen: 5.406 ug/L

RT: 2.638 min Scan# 419

Delta R.T. 0.004 min

Lab File: VU059600.D

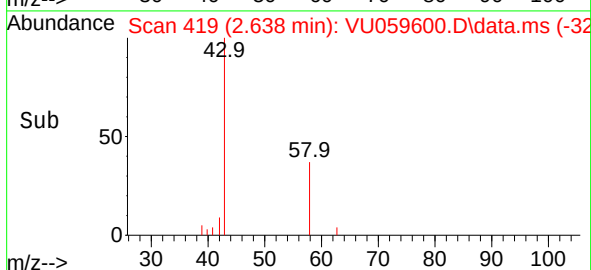
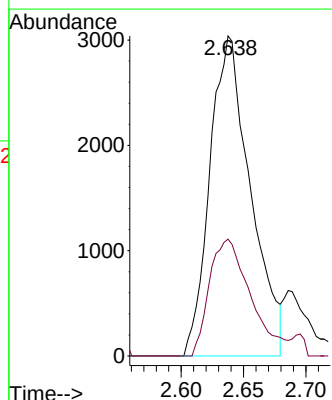
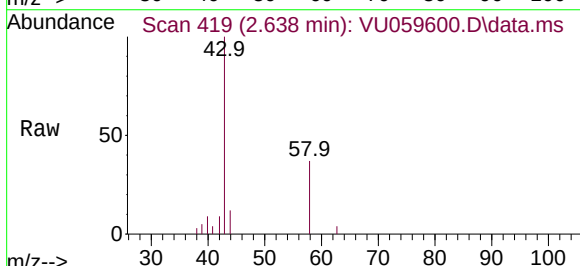
Acq: 28 Jun 2024 06:39

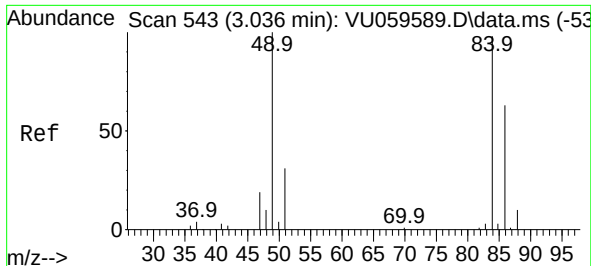
Tgt Ion: 43 Resp: 6885

Ion Ratio Lower Upper

43 100

58 37.3 0.0 68.0





#16

Methylene chloride

Concen: 0.157 ug/L

RT: 3.043 min Scan# 543

Delta R.T. 0.007 min

Lab File: VU059600.D

Acq: 28 Jun 2024 06:39

Instrument :

MSVOA_U

ClientSampleId :

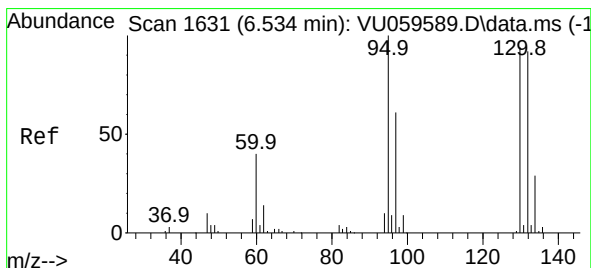
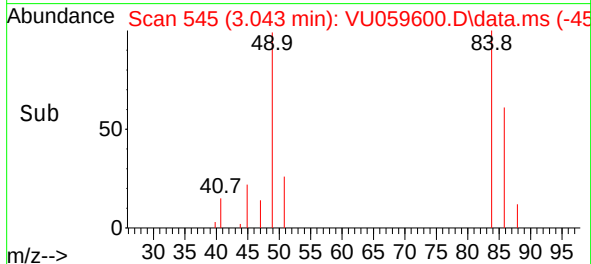
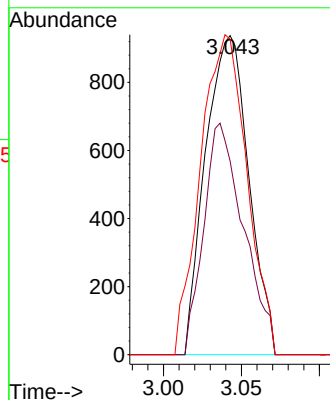
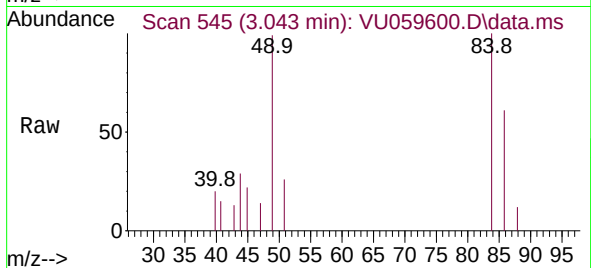
Tgt Ion: 84 Resp: 1811

Ion Ratio Lower Upper

84 100

86 60.7 42.1 78.1

49 98.9 80.6 149.8



#34

Trichloroethene

Concen: 0.642 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU059600.D

Acq: 28 Jun 2024 06:39

Tgt Ion: 95 Resp: 7585

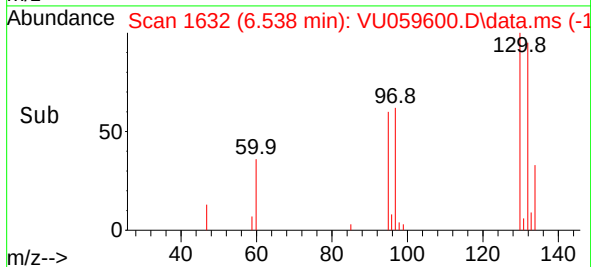
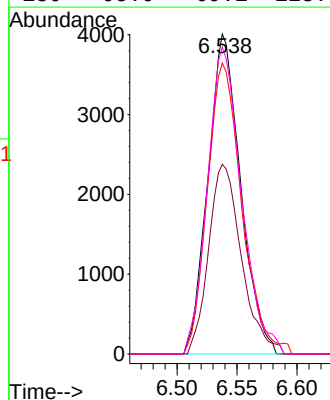
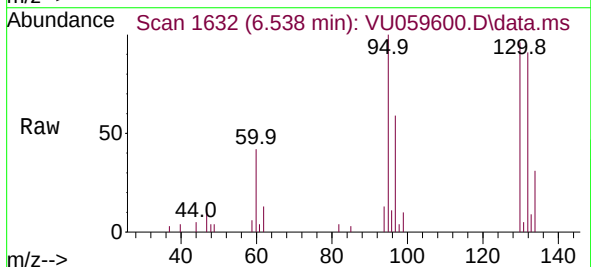
Ion Ratio Lower Upper

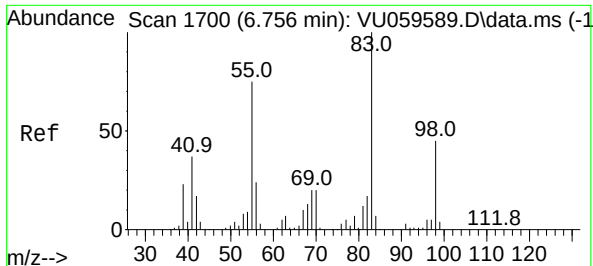
95 100

97 59.3 45.3 84.1

132 90.9 64.0 119.0

130 95.9 69.1 128.3





#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059600.D

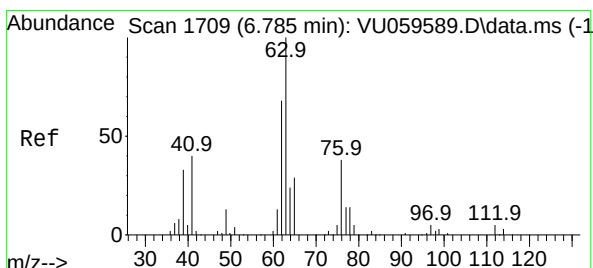
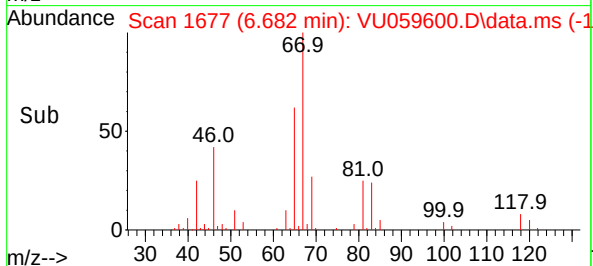
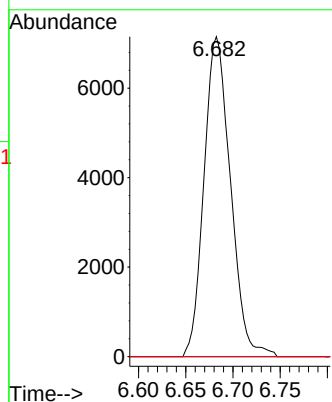
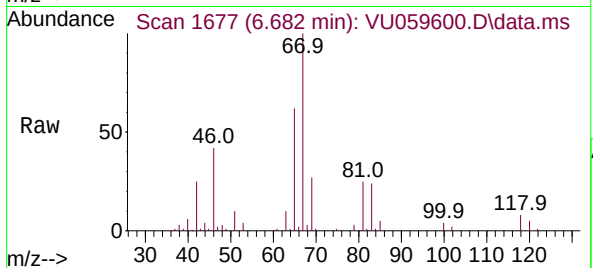
Acq: 28 Jun 2024 06:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13952
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	3.2 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.526 ug/L

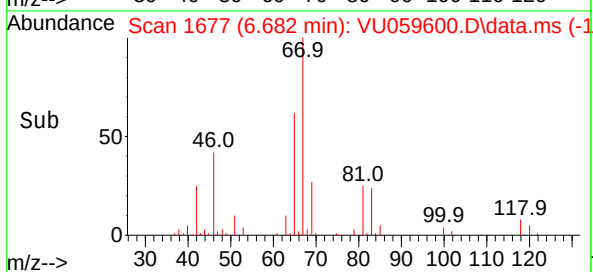
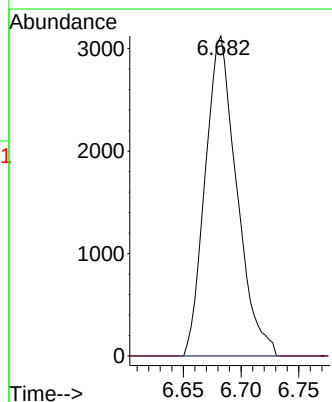
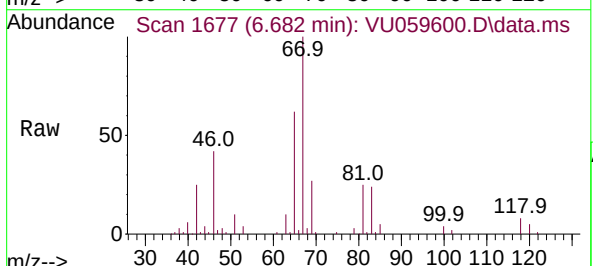
RT: 6.682 min Scan# 1677

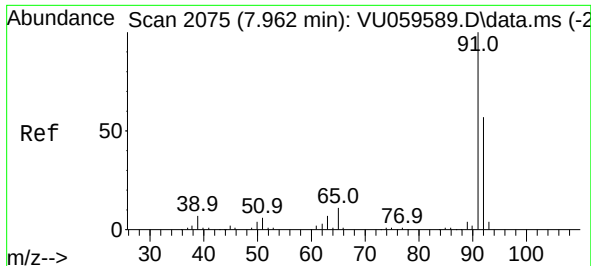
Delta R.T. -0.103 min

Lab File: VU059600.D

Acq: 28 Jun 2024 06:39

Tgt Ion: 63	Resp: 5933
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#42

Toluene

Concen: 0.107 ug/L

RT: 7.969 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU059600.D

Acq: 28 Jun 2024 06:39

Instrument :

MSVOA_U

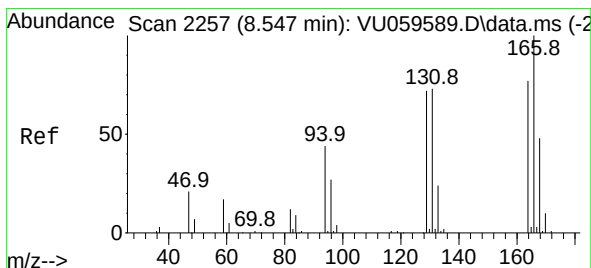
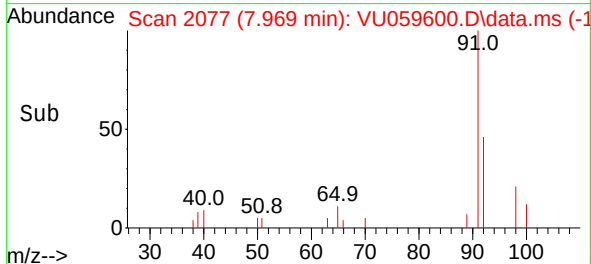
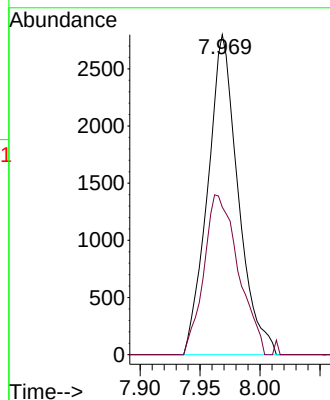
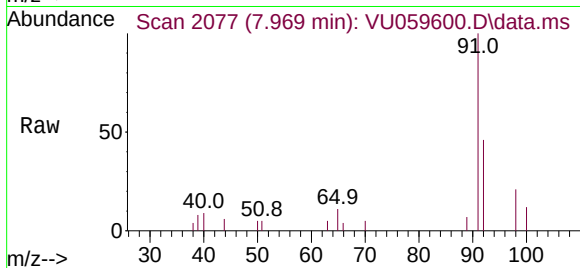
ClientSampleId :

Tgt Ion: 91 Resp: 4935

Ion Ratio Lower Upper

91 100

92 46.1 39.7 73.7



#47

Tetrachloroethene

Concen: 4.064 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059600.D

Acq: 28 Jun 2024 06:39

Tgt Ion: 164 Resp: 37246

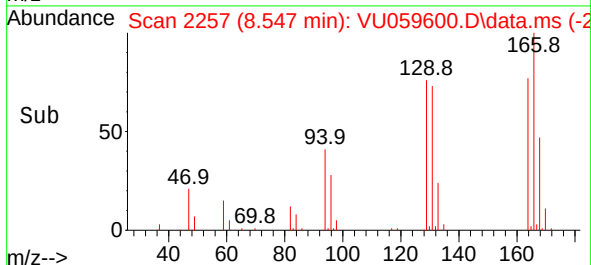
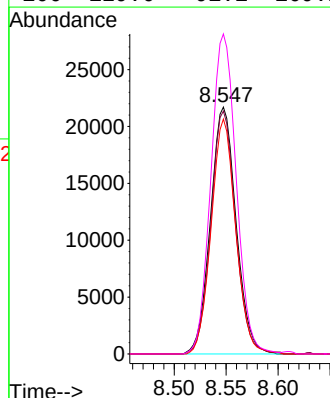
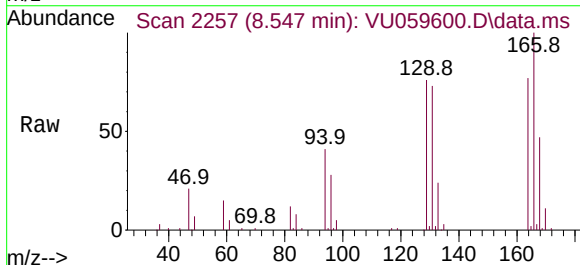
Ion Ratio Lower Upper

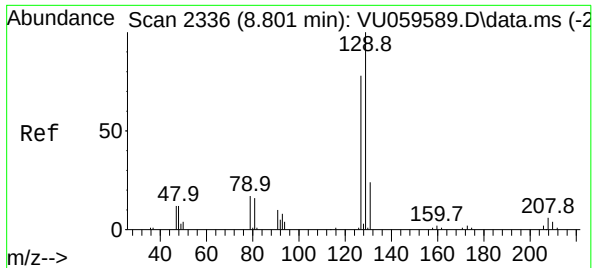
164 100

129 98.4 70.8 131.4

131 95.1 64.8 120.3

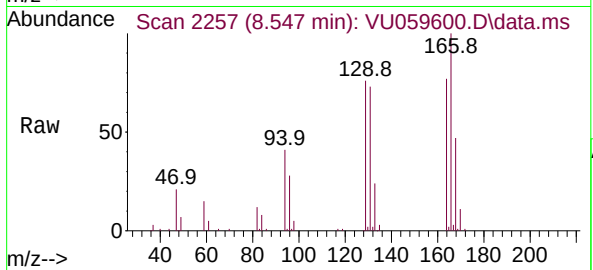
166 129.6 91.1 169.1





#49
 Dibromochloromethane
 Concen: 3.824 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU059600.D
 Acq: 28 Jun 2024 06:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 35224
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.5 97.5#

