

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059604.D
 Acq On : 28 Jun 2024 08:14
 Operator : MD/SY
 Sample : P3007-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 23:12:43 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)

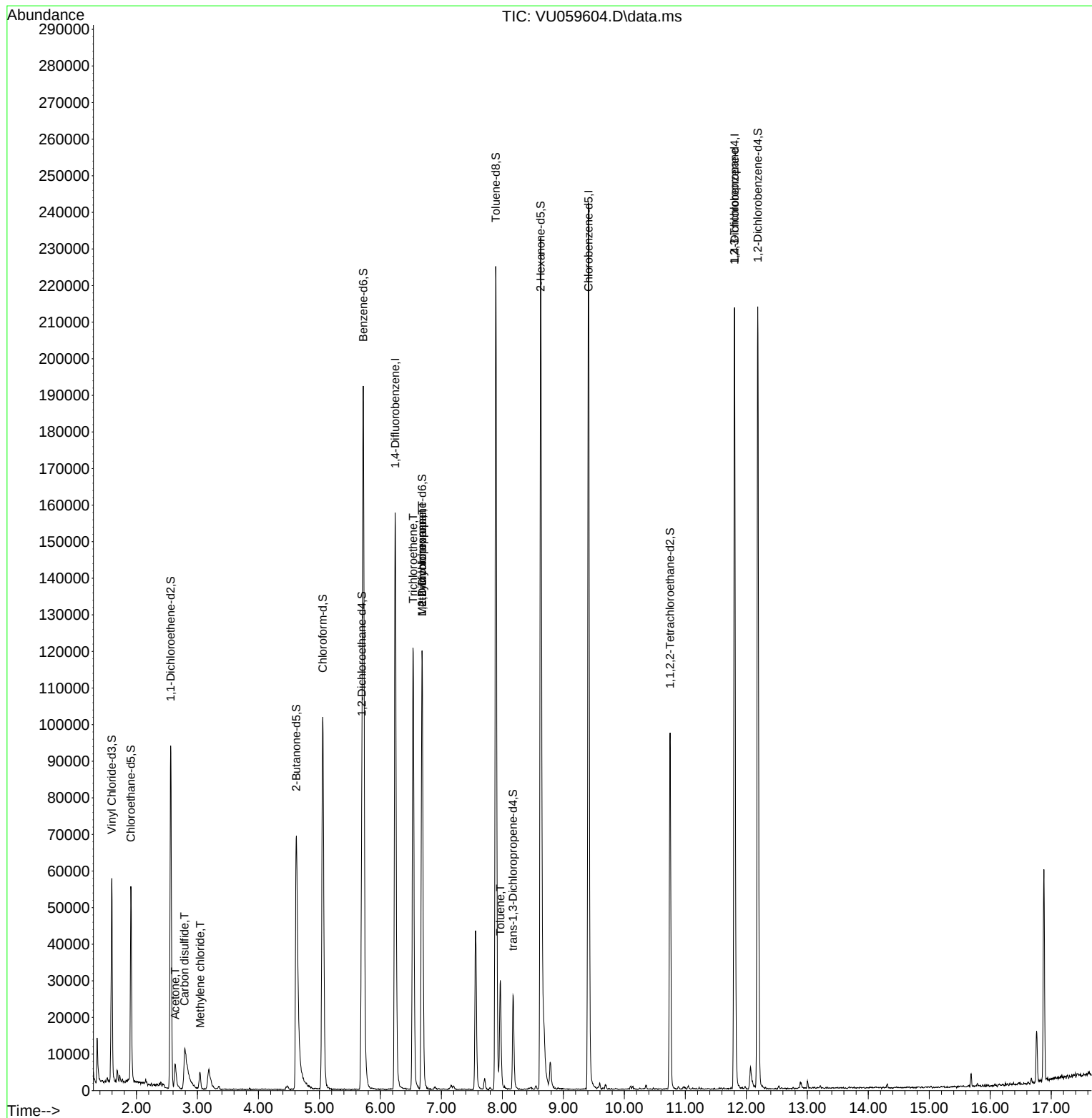
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	62211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38822	4.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.908	69	40942	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	17450	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.621	46	105739	53.827	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.660%
24) Chloroform-d	5.055	84	97814	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	46551	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.718	84	190669	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.682	67	60886	5.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	162918	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	16673	4.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.628	63	83266	52.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53133	5.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	62622	5.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
					Qvalue	
13) Acetone	2.634	43	10319	8.098	ug/L	99
14) Carbon disulfide	2.789	76	4809	0.148	ug/L #	94
16) Methylene chloride	3.043	84	2330	0.202	ug/L	91
34) Trichloroethene	6.535	95	41766	3.532	ug/L	95
35) Methylcyclohexane	6.686	83	14237	0.846	ug/L #	22
37) 1,2-Dichloropropane	6.686	63	6461	0.572	ug/L #	90
42) Toluene	7.965	91	23415	0.507	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	6920	1.204	ug/L #	69

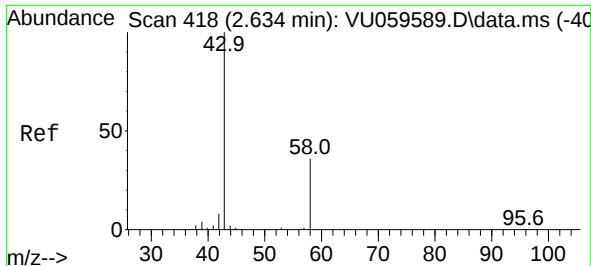
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.098 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU059604.D

Acq: 28 Jun 2024 08:14

Instrument :

MSVOA_U

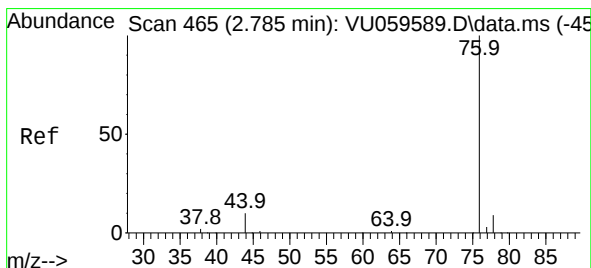
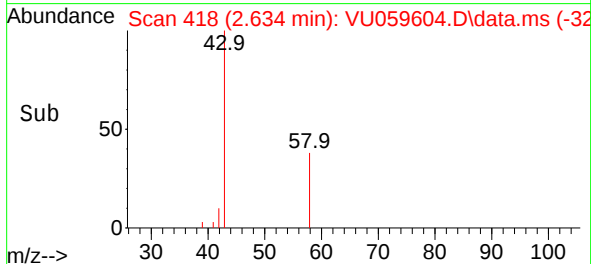
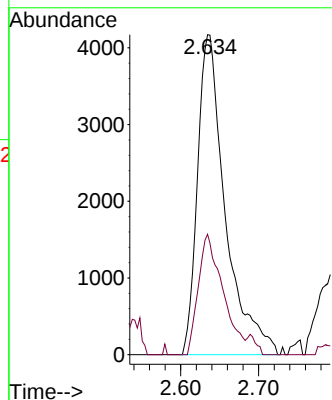
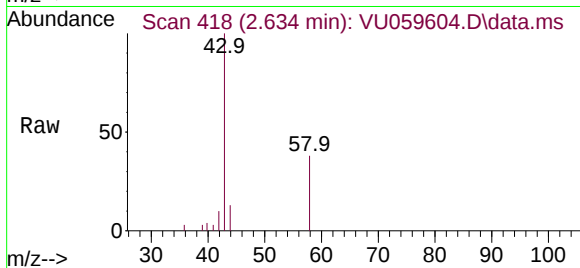
ClientSampleId :

Tgt Ion: 43 Resp: 10319

Ion Ratio Lower Upper

43 100

58 33.4 0.0 68.0



#14

Carbon disulfide

Concen: 0.148 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.004 min

Lab File: VU059604.D

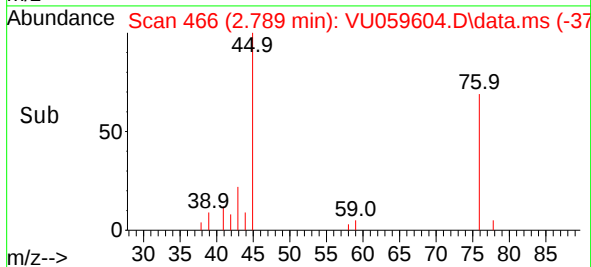
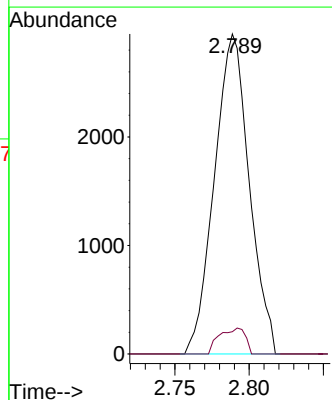
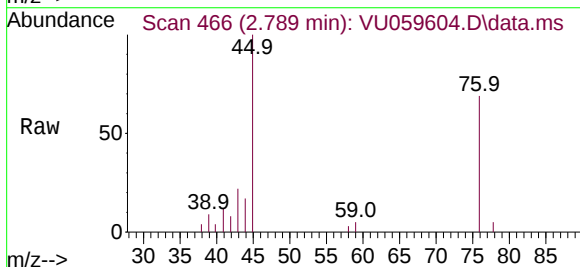
Acq: 28 Jun 2024 08:14

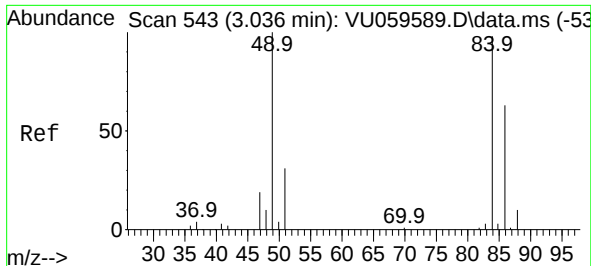
Tgt Ion: 76 Resp: 4809

Ion Ratio Lower Upper

76 100

78 7.0 7.3 10.9#

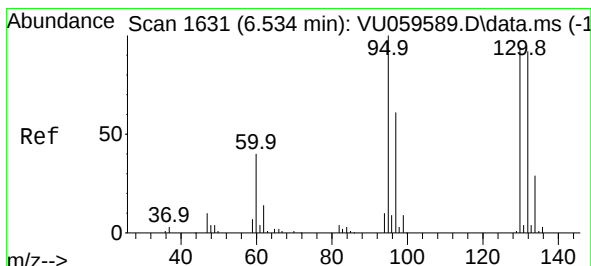
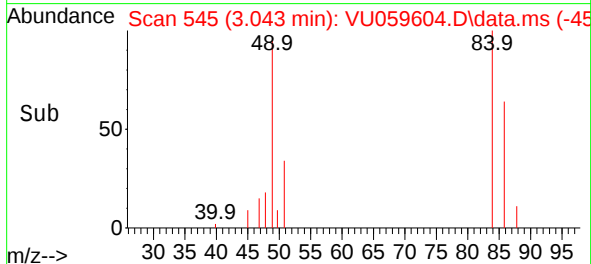
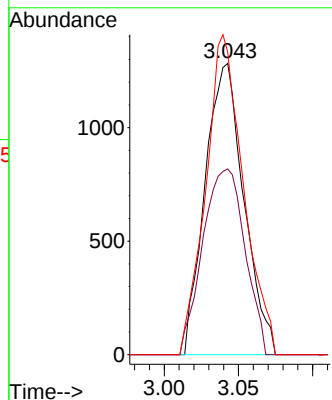
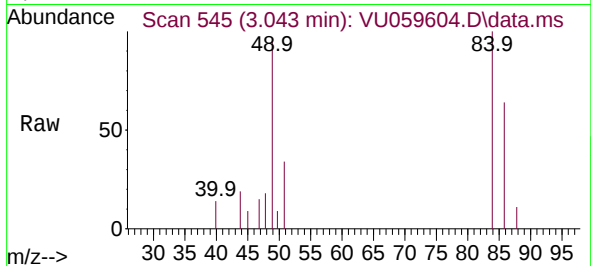




#16
Methylene chloride
Concen: 0.202 ug/L
RT: 3.043 min Scan# 543
Delta R.T. 0.007 min
Lab File: VU059604.D
Acq: 28 Jun 2024 08:14

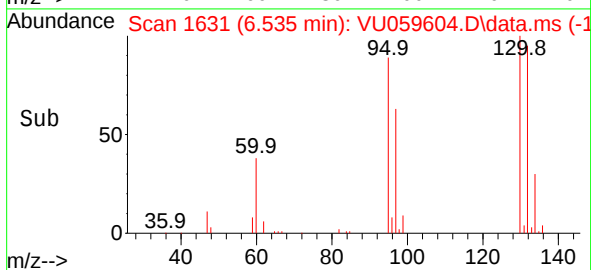
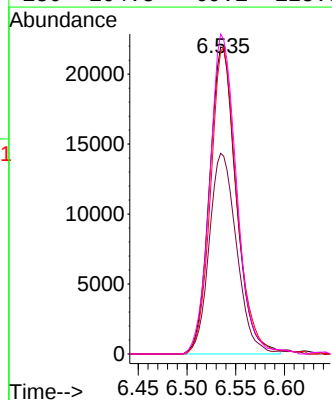
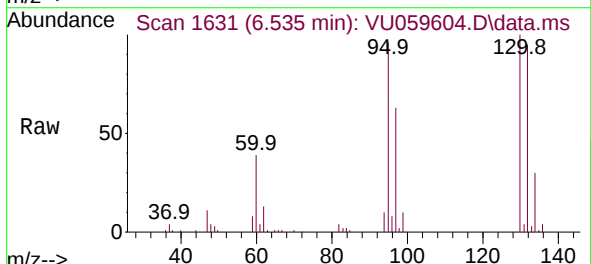
Instrument :
MSVOA_U
ClientSampleId :

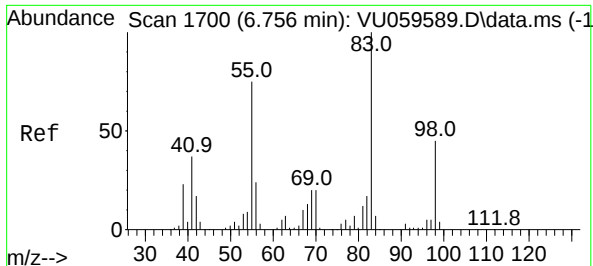
Tgt Ion: 84 Resp: 2330
Ion Ratio Lower Upper
84 100
86 63.8 42.1 78.1
49 103.8 80.6 149.8



#34
Trichloroethene
Concen: 3.532 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU059604.D
Acq: 28 Jun 2024 08:14

Tgt Ion: 95 Resp: 41766
Ion Ratio Lower Upper
95 100
97 65.4 45.3 84.1
132 98.6 64.0 119.0
130 104.3 69.1 128.3





#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU059604.D

Acq: 28 Jun 2024 08:14

Instrument :

MSVOA_U

ClientSampleId :

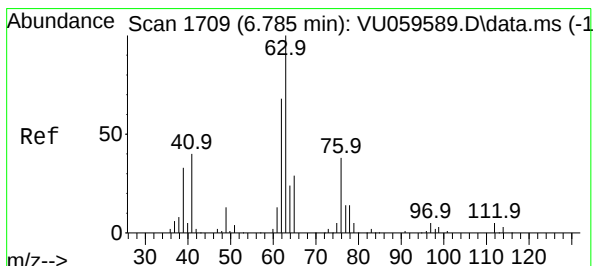
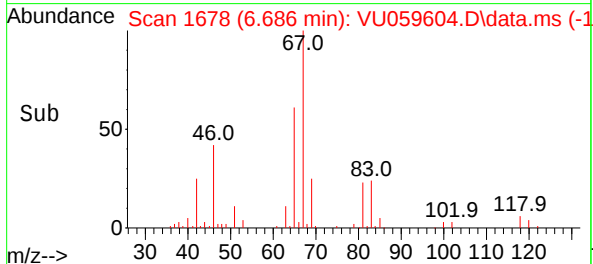
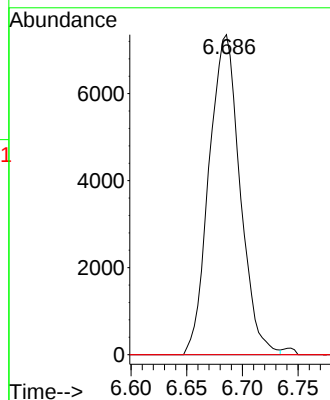
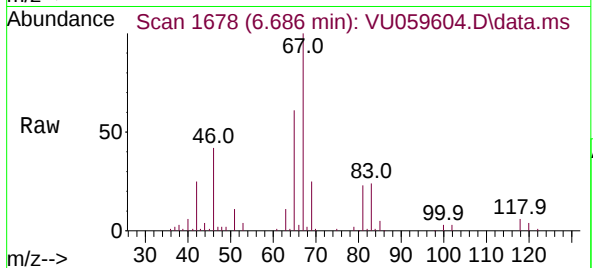
Tgt Ion: 83 Resp: 14237

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 7.5 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.099 min

Lab File: VU059604.D

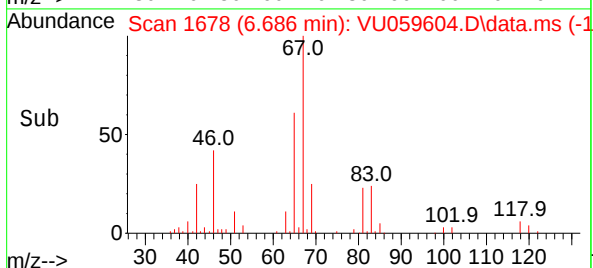
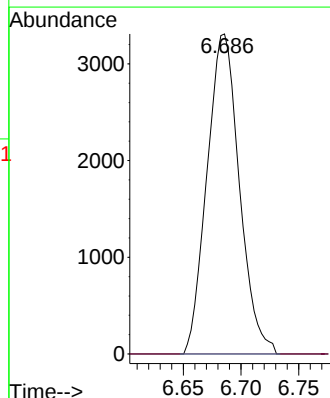
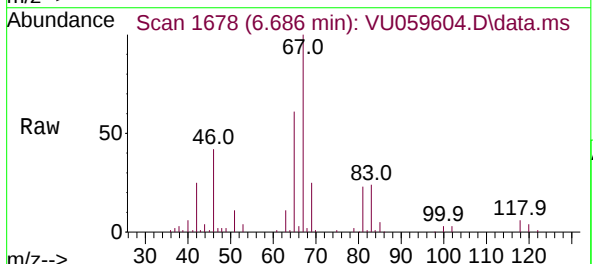
Acq: 28 Jun 2024 08:14

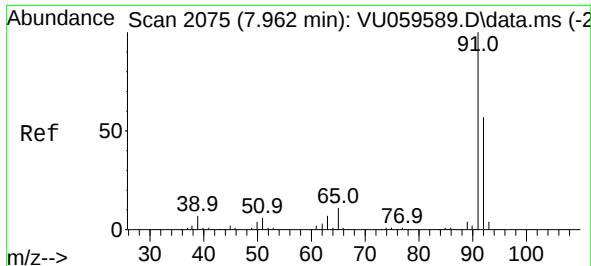
Tgt Ion: 63 Resp: 6461

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#42

Toluene

Concen: 0.507 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.004 min

Lab File: VU059604.D

Acq: 28 Jun 2024 08:14

Instrument :

MSVOA_U

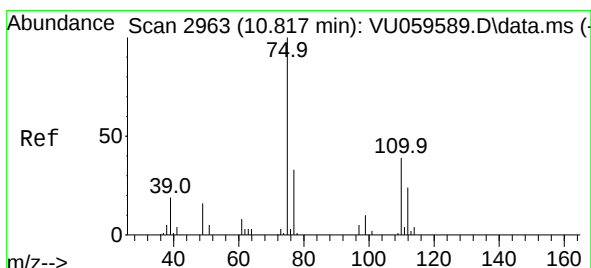
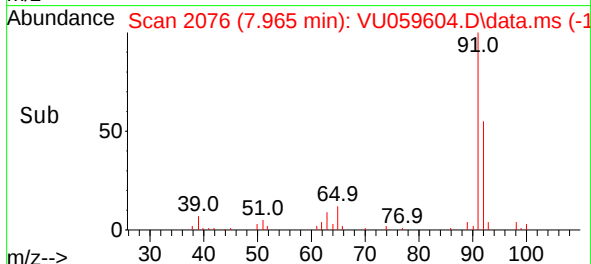
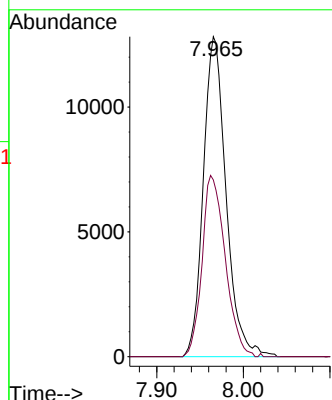
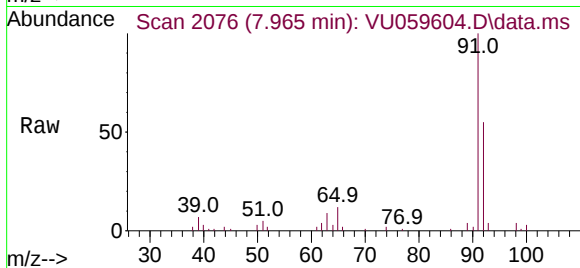
ClientSampleId :

Tgt Ion: 91 Resp: 23415

Ion Ratio Lower Upper

91 100

92 55.2 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.204 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU059604.D

Acq: 28 Jun 2024 08:14

Tgt Ion: 75 Resp: 6920

Ion Ratio Lower Upper

75 100

110 0.6 27.1 40.7#

77 32.3 25.4 38.2

