

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059474.D
 Acq On : 25 Jun 2024 16:18
 Operator : MD/SY
 Sample : P2961-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 04:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 04:26:20 2024
 Response via : Initial Calibration

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

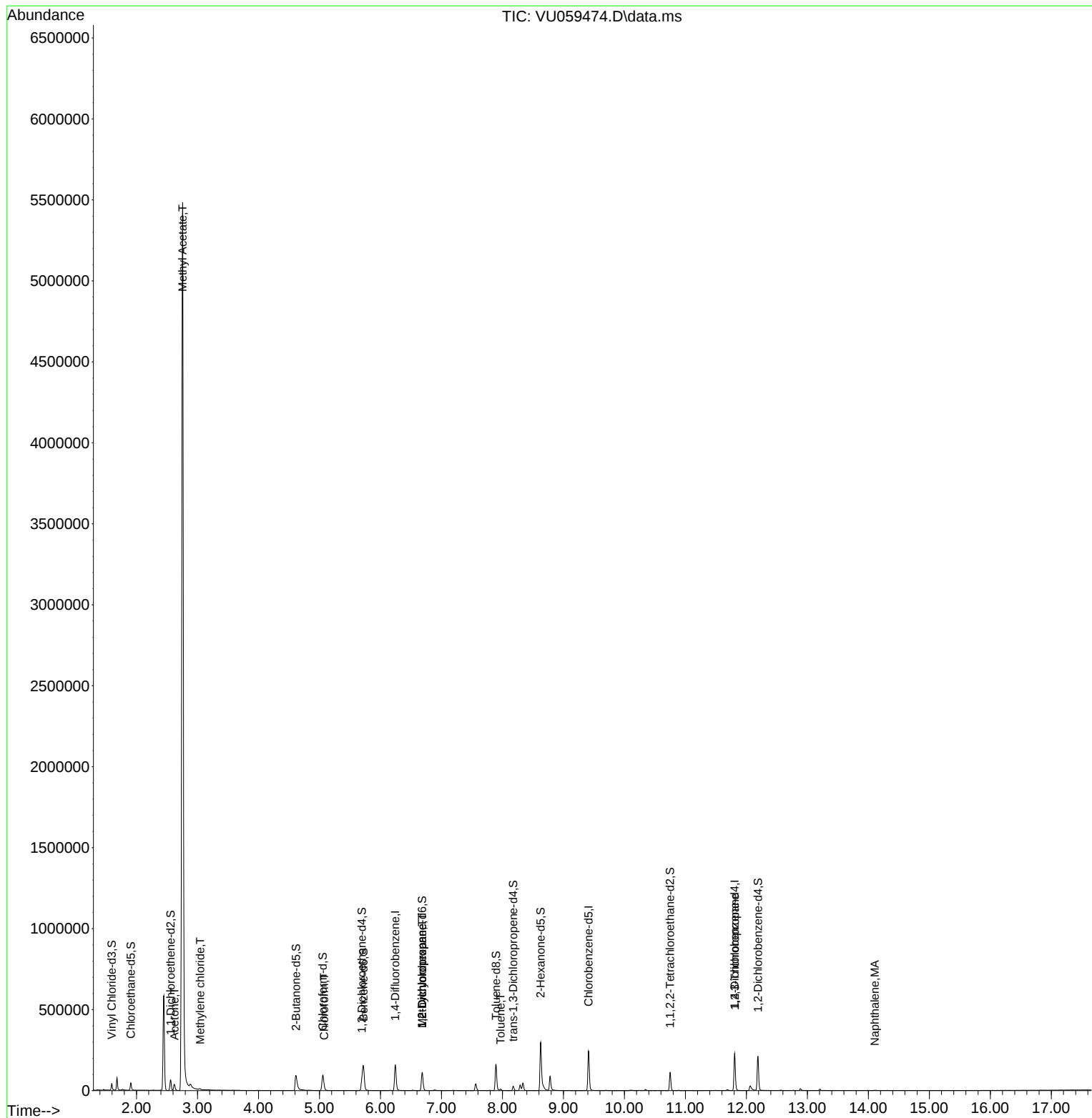
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136572	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31449	3.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.907	69	35261	3.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.560	65	11998	3.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.615	46	137827	70.458	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.920%#
24) Chloroform-d	5.055	84	90221	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	47698	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.721	84	150757	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.685	67	57680	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.894	98	113930	3.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.400%#
43) trans-1,3-Dichloroprop...	8.177	79	15538	4.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.627	63	100273	62.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57952	5.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	60324	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
13) Acetone	2.621	43	44237	34.862	ug/L	96
15) Methyl Acetate	2.756	43	1309257	390.988	ug/L #	51
16) Methylene chloride	3.042	84	2104	0.183	ug/L	89
25) Chloroform	5.078	83	5096	0.260	ug/L	99
35) Methylcyclohexane	6.685	83	13305	0.783	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5758	0.505	ug/L #	90
42) Toluene	7.968	91	6741	0.144	ug/L	97
61) 1,2,3-Trichloropropane	11.811	75	7945	1.320	ug/L #	69
71) Naphthalene	14.106	128	2029	0.122	ug/L #	82

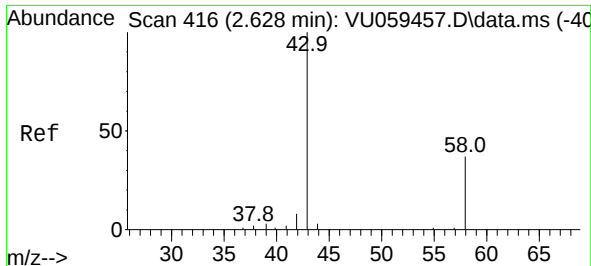
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 34.862 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.006 min

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Instrument :

MSVOA_U

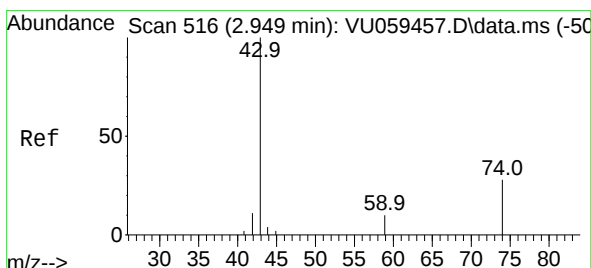
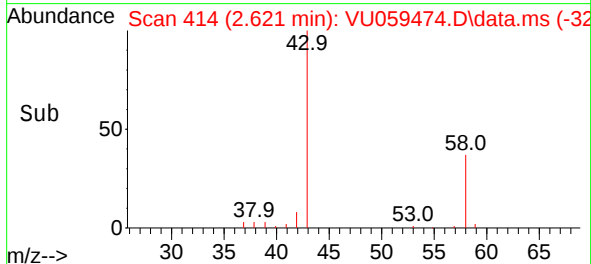
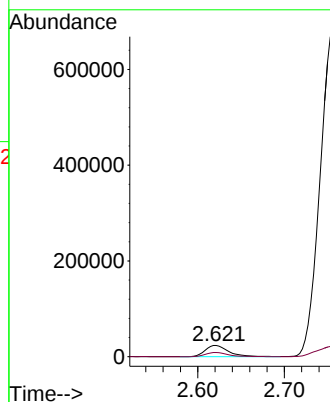
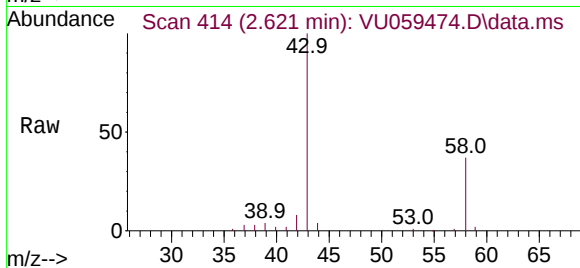
ClientSampleId :

Tgt Ion: 43 Resp: 44237

Ion Ratio Lower Upper

43 100

58 36.6 0.0 68.0



#15

Methyl Acetate

Concen: 390.988 ug/L

RT: 2.756 min Scan# 456

Delta R.T. -0.193 min

Lab File: VU059474.D

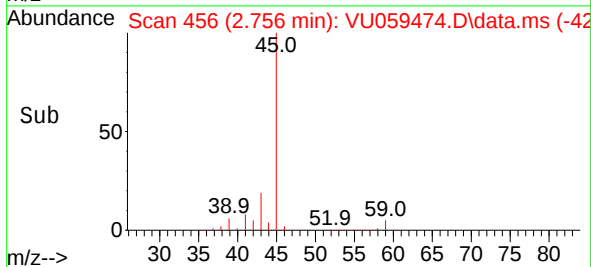
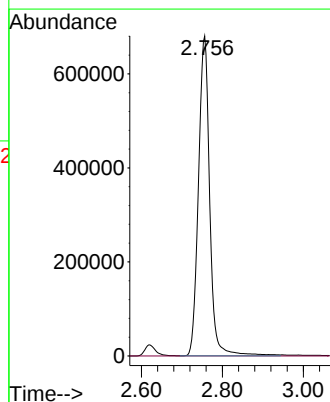
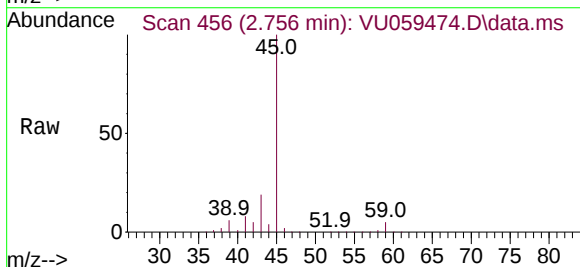
Acq: 25 Jun 2024 16:18

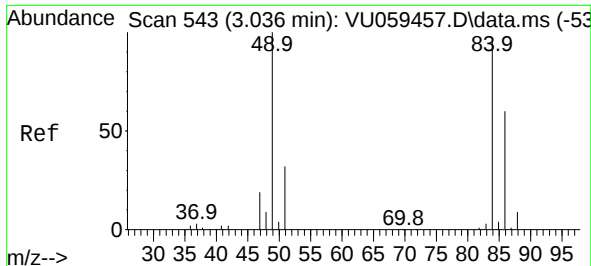
Tgt Ion: 43 Resp: 1309257

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#





#16

Methylene chloride

Concen: 0.183 ug/L

RT: 3.042 min Scan# 543

Delta R.T. 0.006 min

Lab File: VU059474.D

Acq: 25 Jun 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

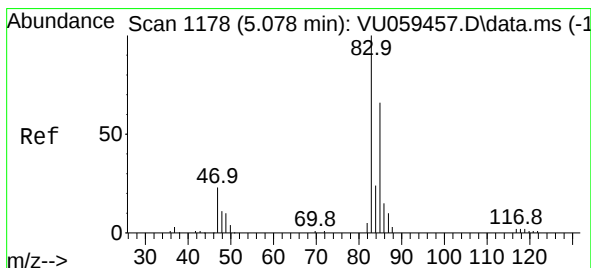
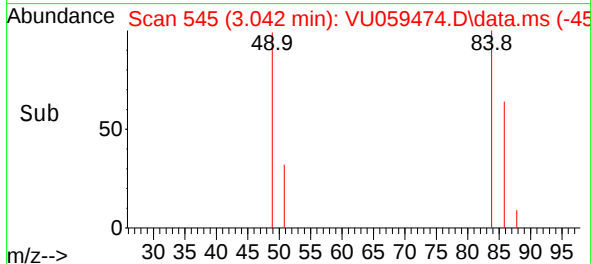
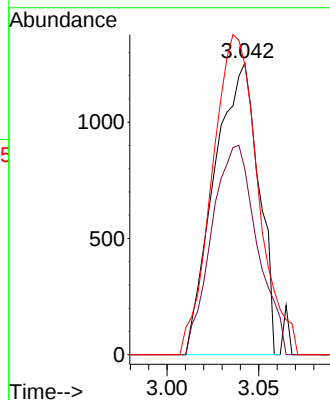
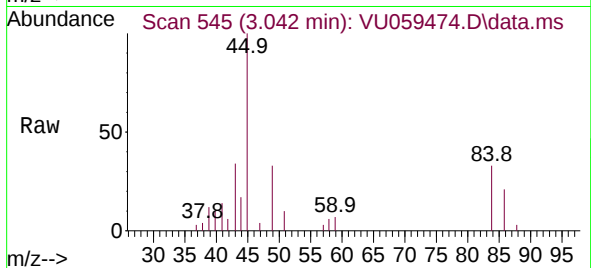
Tgt Ion: 84 Resp: 2104

Ion Ratio Lower Upper

84 100

86 63.6 42.1 78.1

49 99.4 80.6 149.8



#25

Chloroform

Concen: 0.260 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059474.D

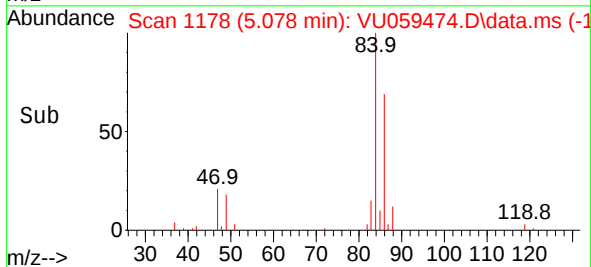
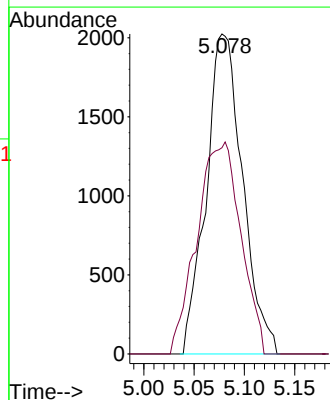
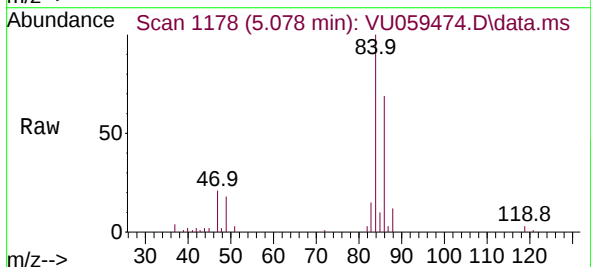
Acq: 25 Jun 2024 16:18

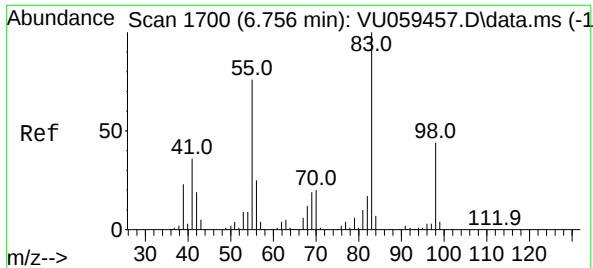
Tgt Ion: 83 Resp: 5096

Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1





#35

Methylcyclohexane

Concen: 0.783 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU059474.D

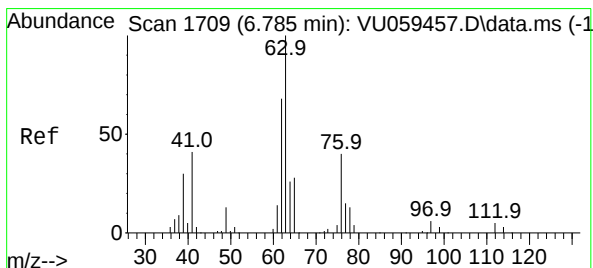
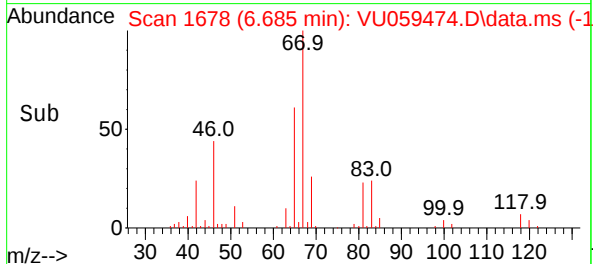
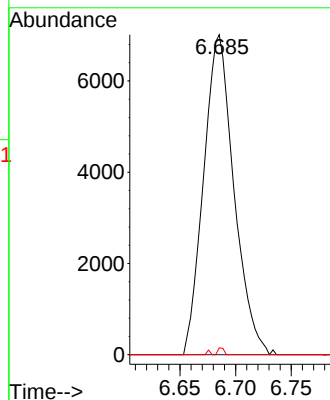
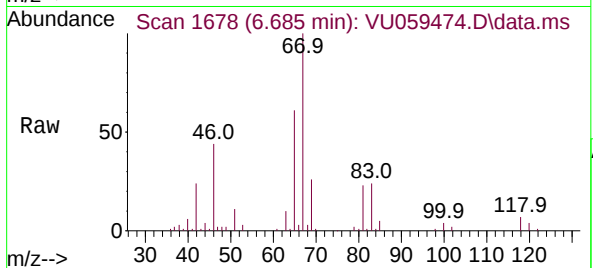
Acq: 25 Jun 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	13305
Ion Ratio	Lower	Upper
83	100	
55	1.9	62.7 94.1#
98	0.4	35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.505 ug/L

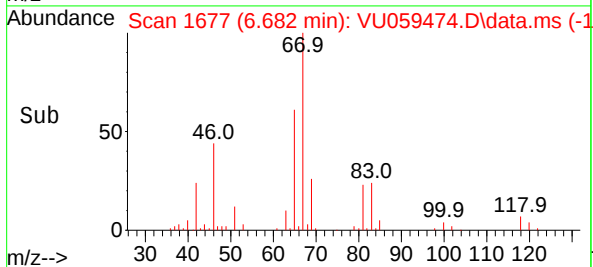
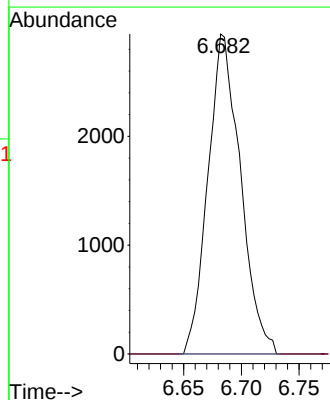
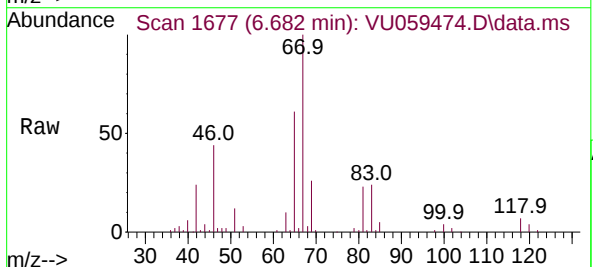
RT: 6.682 min Scan# 1677

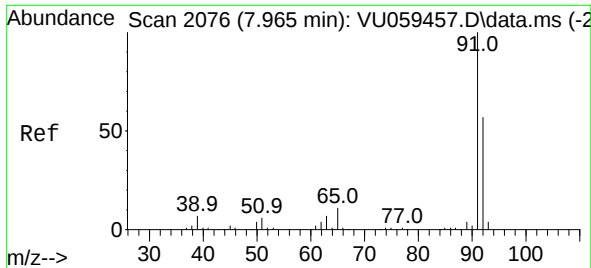
Delta R.T. -0.103 min

Lab File: VU059474.D

Acq: 25 Jun 2024 16:18

Tgt Ion: 63	Resp:	5758
Ion Ratio	Lower	Upper
63	100	
112	0.0	2.6 3.8#





#42

Toluene

Concen: 0.144 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059474.D

Acq: 25 Jun 2024 16:18

Instrument :

MSVOA_U

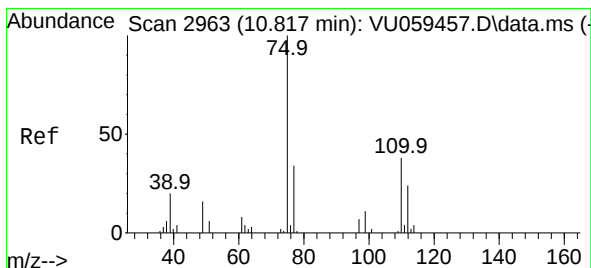
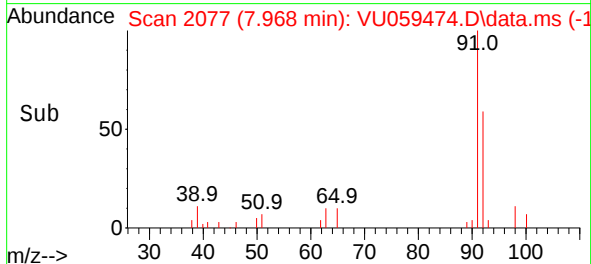
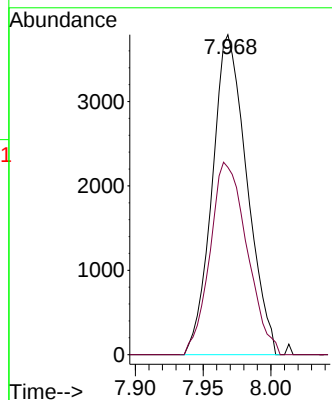
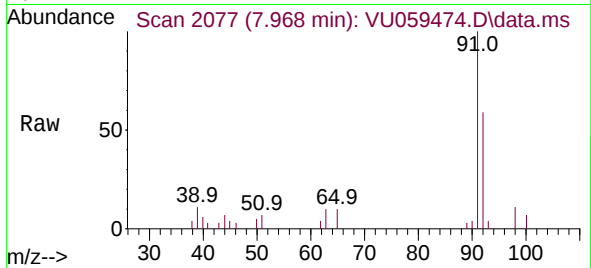
ClientSampleId :

Tgt Ion: 91 Resp: 6741

Ion Ratio Lower Upper

91 100

92 58.5 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.320 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU059474.D

Acq: 25 Jun 2024 16:18

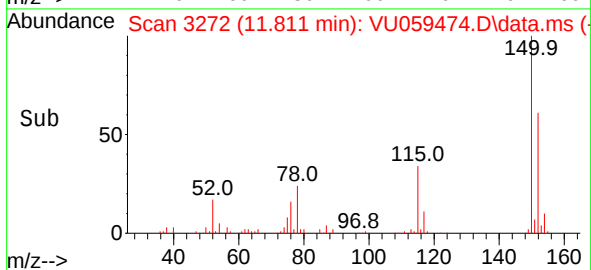
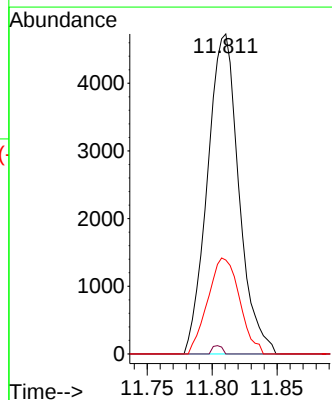
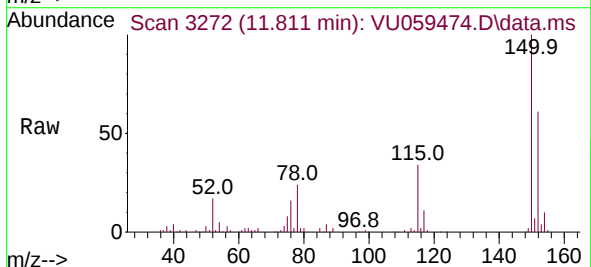
Tgt Ion: 75 Resp: 7945

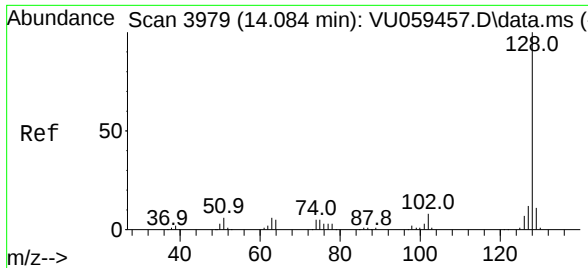
Ion Ratio Lower Upper

75 100

110 0.8 27.1 40.7#

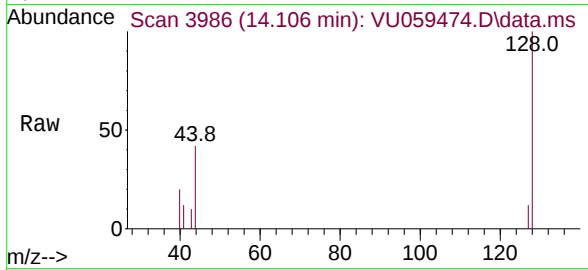
77 30.3 25.4 38.2





#71
 Naphthalene
 Concen: 0.122 ug/L
 RT: 14.106 min Scan# 3986
 Delta R.T. 0.023 min
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 ClientSampleId :



Tgt Ion:	128	Resp:	2029
Ion	Ratio	Lower	Upper
128	100		
129	4.2	8.2	12.4#
127	5.0	10.2	15.4#

