

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059504.D
 Acq On : 26 Jun 2024 04:55
 Operator : MD/SY
 Sample : P3006-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:21:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

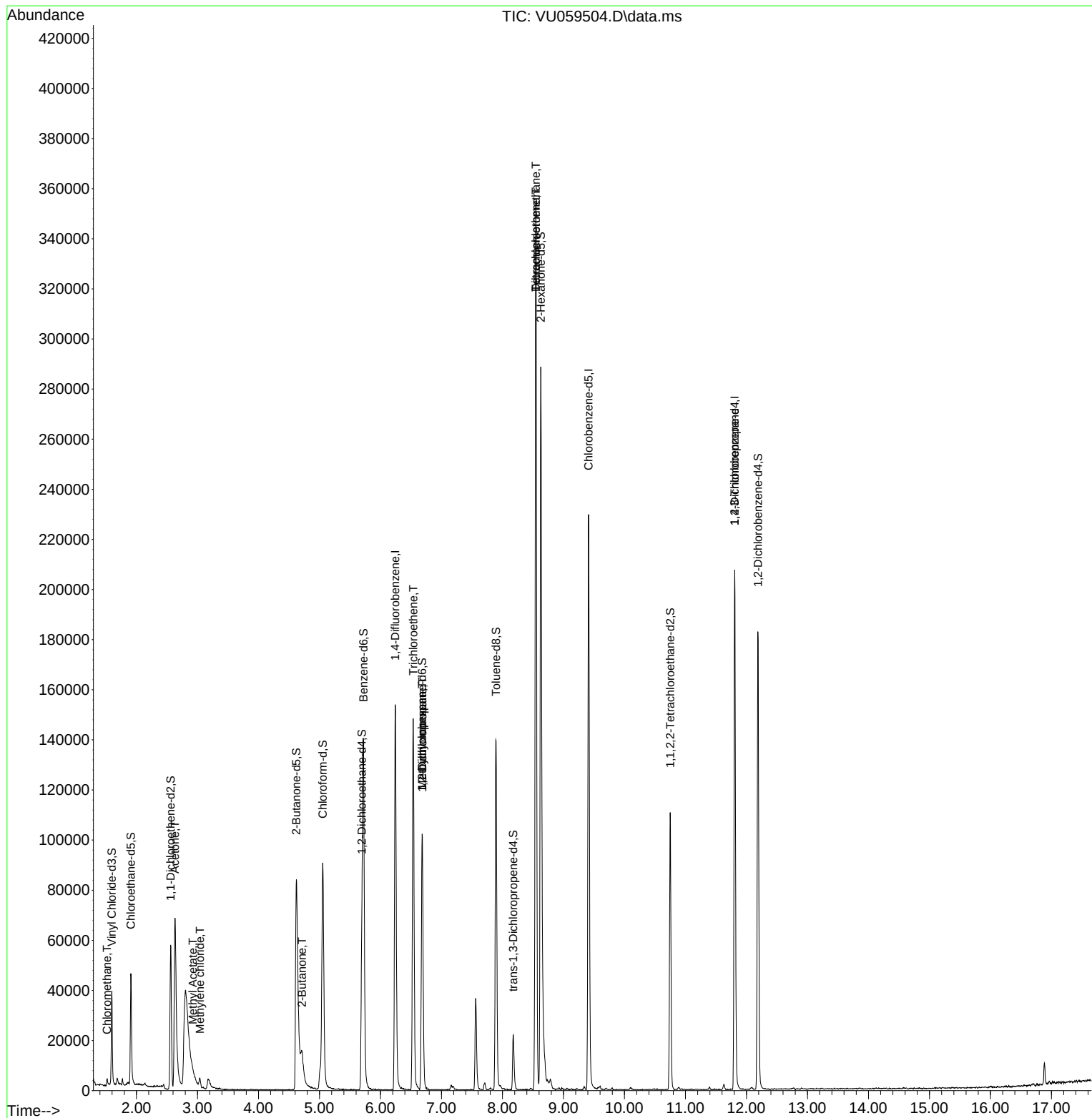
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	132037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26814	2.921	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.908	69	33779	3.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.560	65	11090	2.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.621	46	133185	70.424	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.840%#
24) Chloroform-d	5.052	84	82297	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	44432	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	136010	3.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	6.682	67	52421	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.894	98	100089	2.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.200%#
43) trans-1,3-Dichloroprop...	8.174	79	13812	3.820	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.628	63	101140	67.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.660%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57640	6.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.800%#
66) 1,2-Dichlorobenzene-d4	12.187	152	53723	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1831	0.152	ug/L	99
13) Acetone	2.631	43	107054	87.263	ug/L	95
15) Methyl Acetate	2.924	43	1006	0.311	ug/L #	51
16) Methylene chloride	3.039	84	1670	0.150	ug/L	96
21) 2-Butanone	4.714	43	19487	9.903	ug/L	93
34) Trichloroethene	6.538	95	51079	4.537	ug/L	94
35) Methylcyclohexane	6.682	83	12504	0.780	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5321	0.495	ug/L #	91
47) Tetrachloroethene	8.547	164	82130	9.400	ug/L	96
49) Dibromochloromethane	8.547	129	76277	8.685	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7016	1.304	ug/L #	69

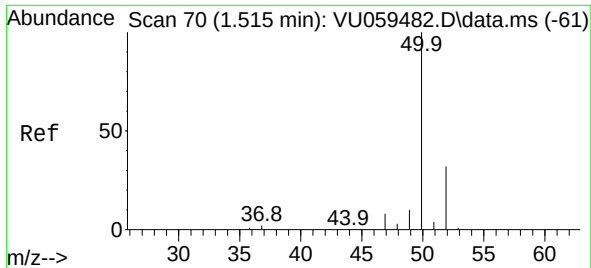
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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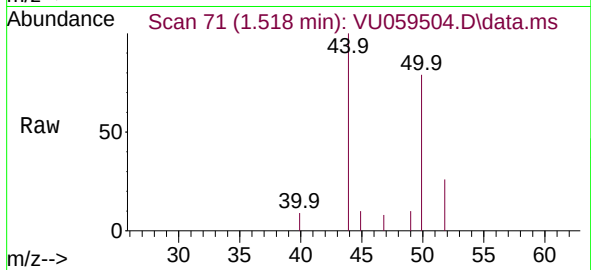


#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU059504.D
Acq: 26 Jun 2024 04:55

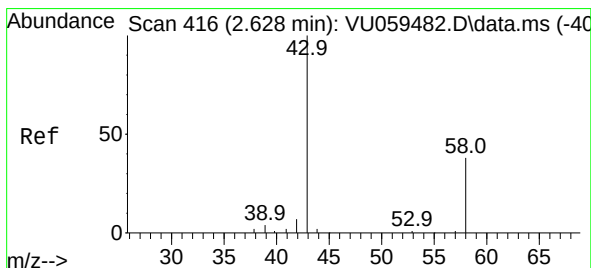
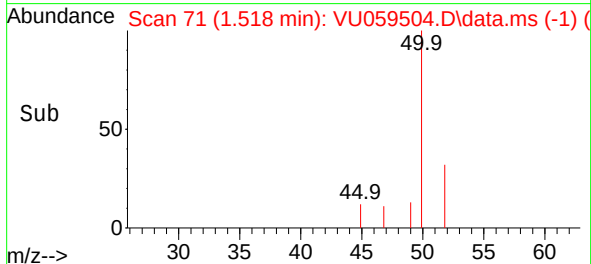
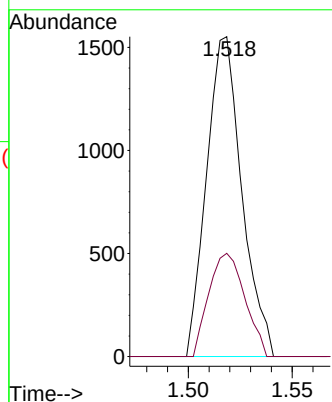
Instrument :

MSVOA_U

ClientSampleId :

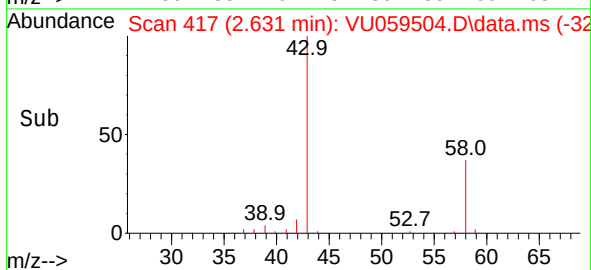
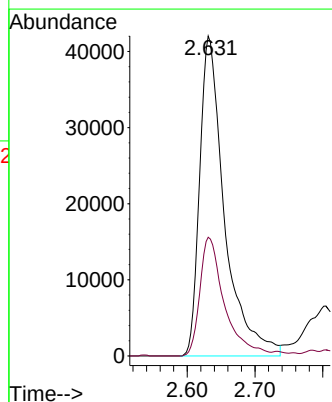
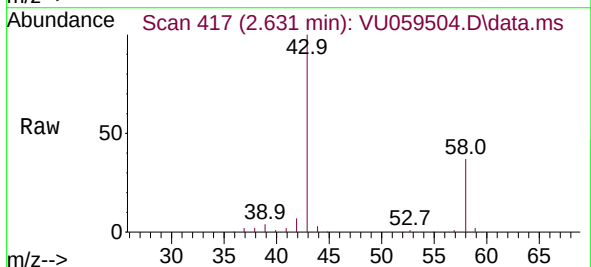


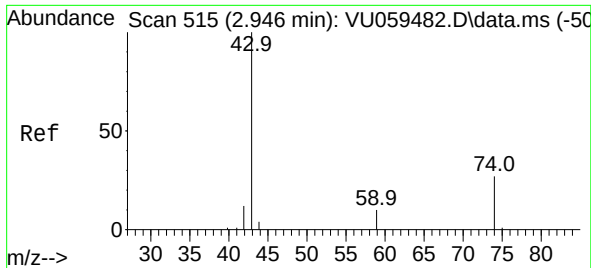
Tgt Ion: 50 Resp: 1831
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.0



#13
Acetone
Concen: 87.263 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.003 min
Lab File: VU059504.D
Acq: 26 Jun 2024 04:55

Tgt Ion: 43 Resp: 107054
Ion Ratio Lower Upper
43 100
58 36.6 0.0 68.0





#15

Methyl Acetate

Concen: 0.311 ug/L

RT: 2.924 min Scan# 515

Delta R.T. -0.022 min

Lab File: VU059504.D

Acq: 26 Jun 2024 04:55

Instrument :

MSVOA_U

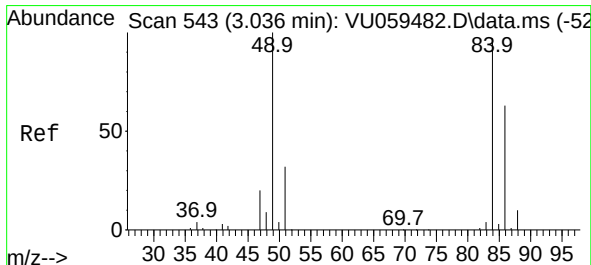
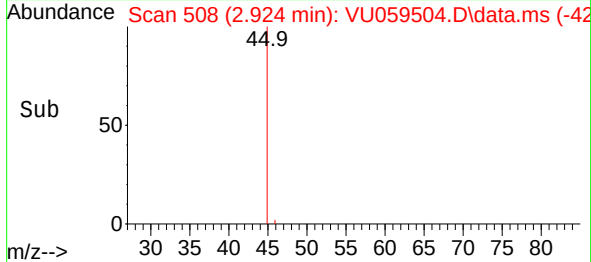
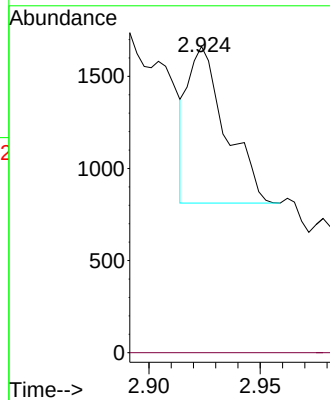
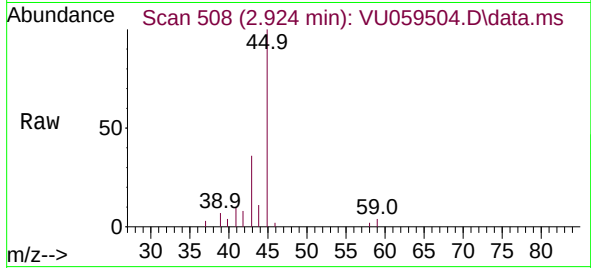
ClientSampleId :

Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#16

Methylene chloride

Concen: 0.150 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU059504.D

Acq: 26 Jun 2024 04:55

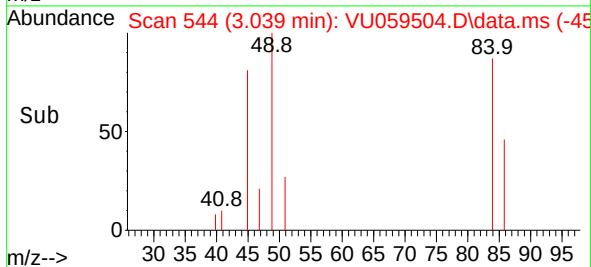
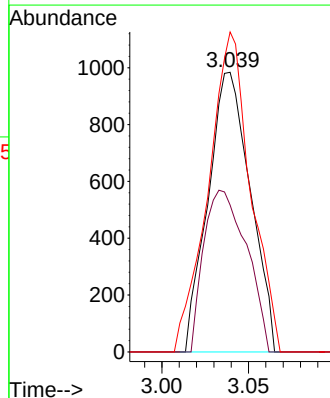
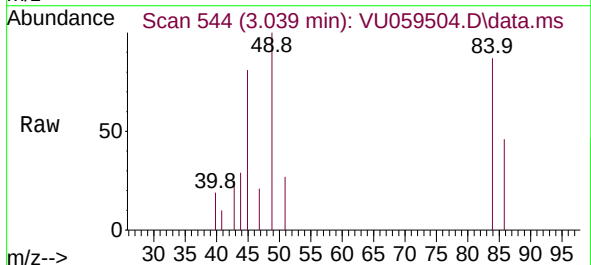
Tgt Ion: 84 Resp: 1670

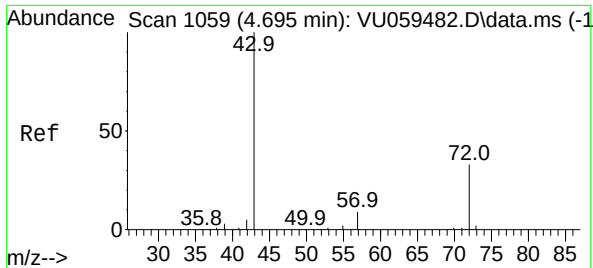
Ion Ratio Lower Upper

84 100

86 52.5 42.1 78.1

49 114.4 80.6 149.8

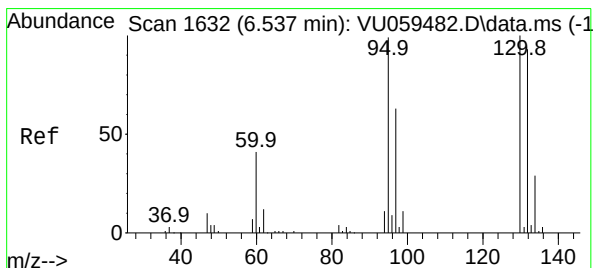
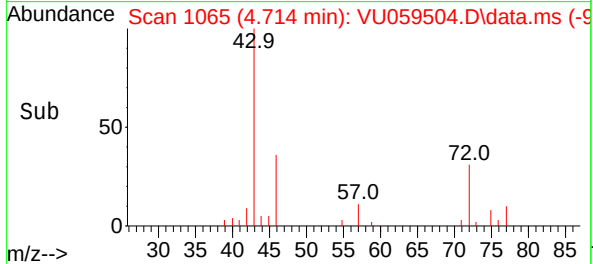
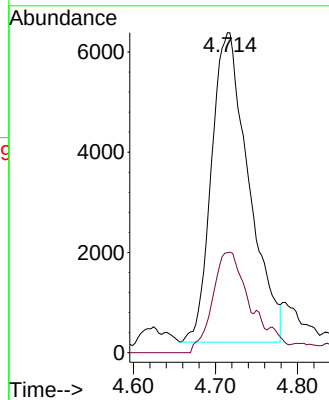
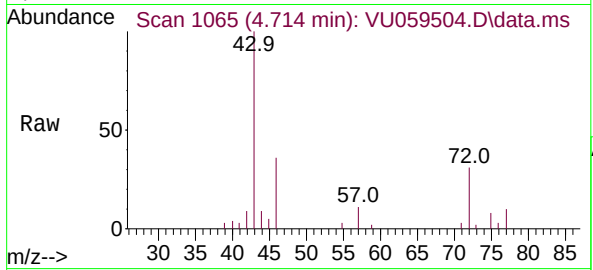




#21
2-Butanone
Concen: 9.903 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.019 min
Lab File: VU059504.D
Acq: 26 Jun 2024 04:55

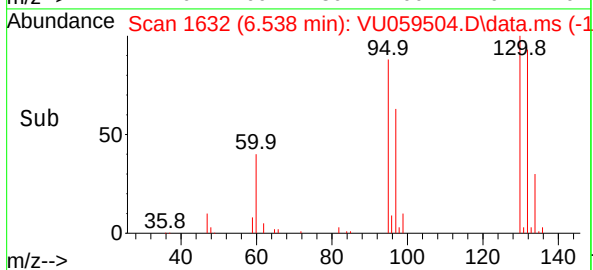
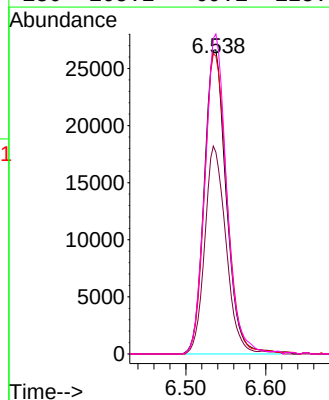
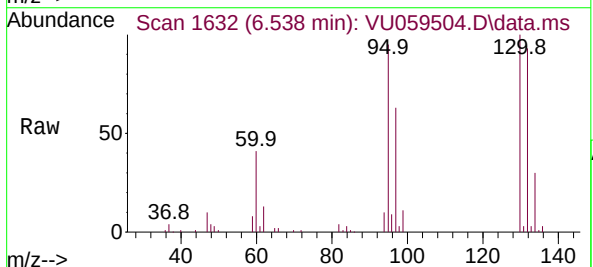
Instrument :
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ClientSampleId :

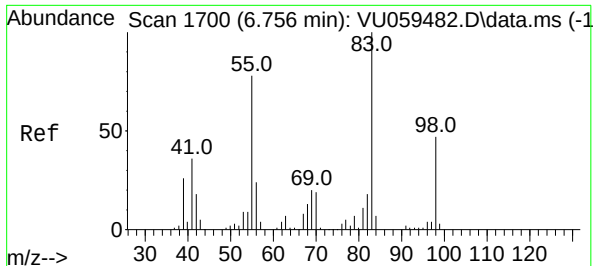
Tgt Ion: 43 Resp: 19487
Ion Ratio Lower Upper
43 100
72 31.1 13.8 41.4



#34
Trichloroethene
Concen: 4.537 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059504.D
Acq: 26 Jun 2024 04:55

Tgt Ion: 95 Resp: 51079
Ion Ratio Lower Upper
95 100
97 66.3 45.3 84.1
132 98.0 64.0 119.0
130 105.2 69.1 128.3





#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059504.D

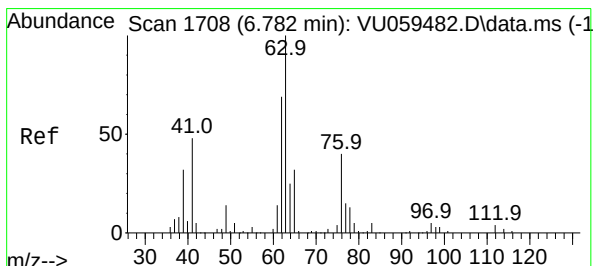
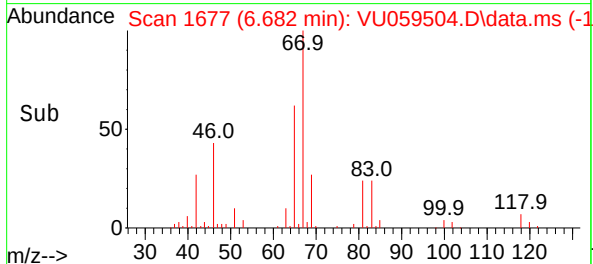
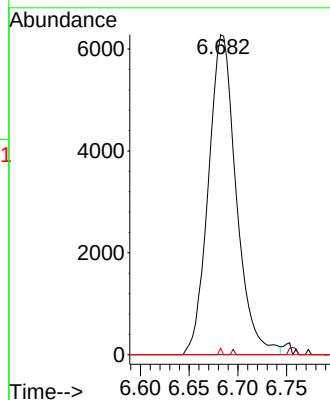
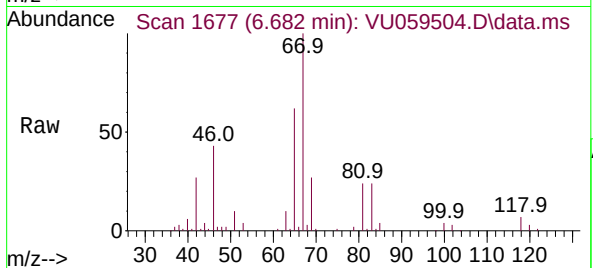
Acq: 26 Jun 2024 04:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	12504
Ion Ratio	Lower	Upper
83	100	
55	0.2	62.7 94.1#
98	0.0	35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.495 ug/L

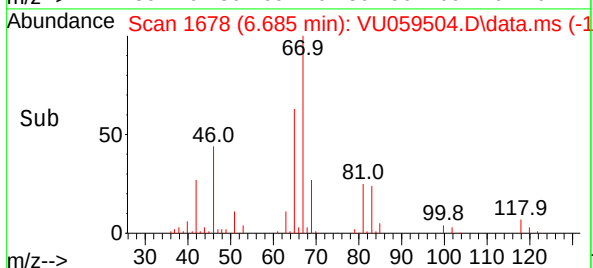
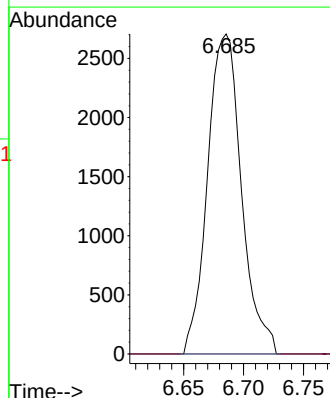
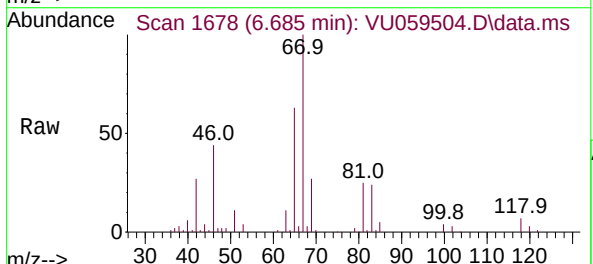
RT: 6.685 min Scan# 1678

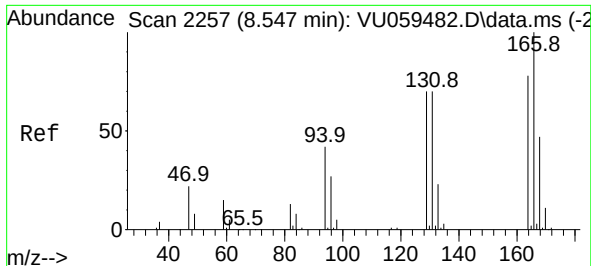
Delta R.T. -0.096 min

Lab File: VU059504.D

Acq: 26 Jun 2024 04:55

Tgt Ion: 63	Resp:	5321
Ion Ratio	Lower	Upper
63	100	
112	0.4	2.6 3.8#





#47

Tetrachloroethene

Concen: 9.400 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

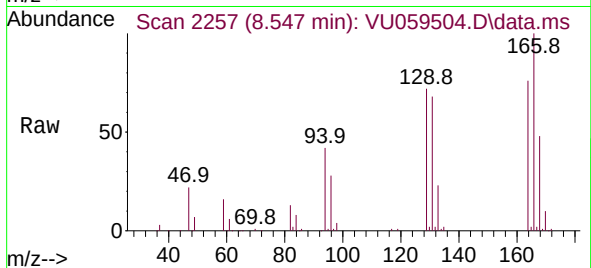
Lab File: VU059504.D

Acq: 26 Jun 2024 04:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 82130

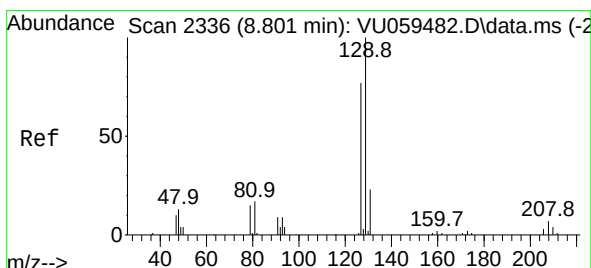
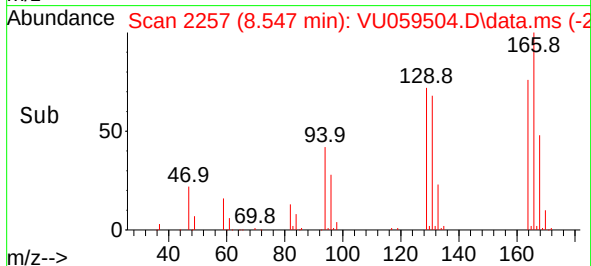
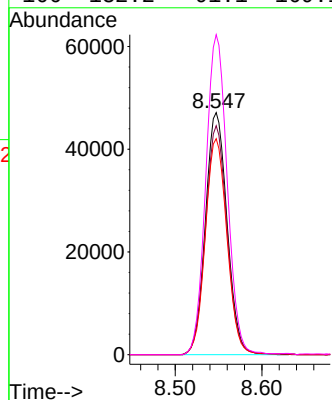
Ion Ratio Lower Upper

164 100

129 94.6 70.8 131.4

131 89.2 64.8 120.3

166 132.2 91.1 169.1



#49

Dibromochloromethane

Concen: 8.685 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059504.D

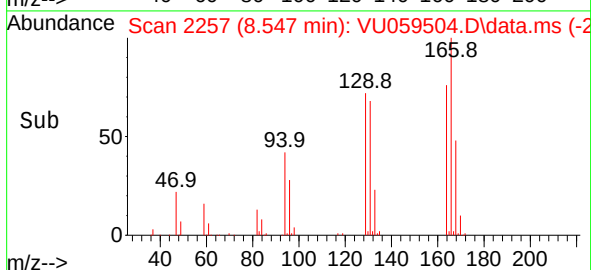
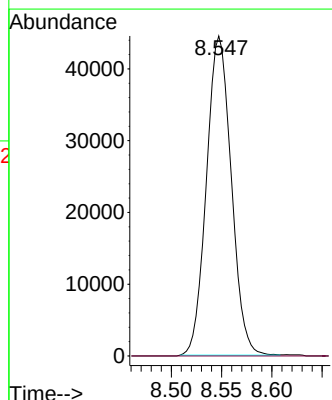
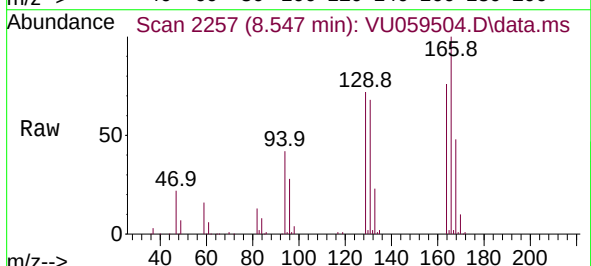
Acq: 26 Jun 2024 04:55

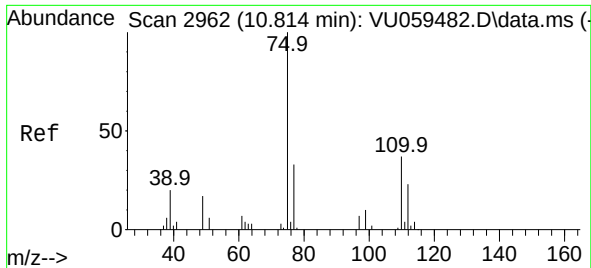
Tgt Ion:129 Resp: 76277

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#





#61

1,2,3-Trichloropropane

Concen: 1.304 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.994 min

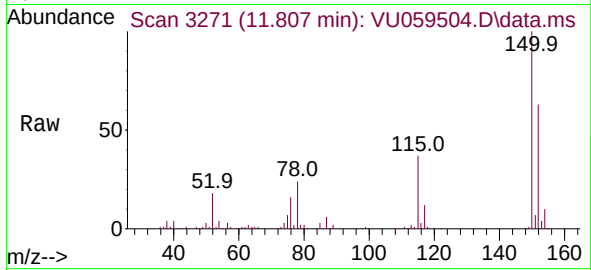
Lab File: VU059504.D

Acq: 26 Jun 2024 04:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 7016

Ion Ratio Lower Upper

75 100

110 0.6 27.1 40.7#

77 30.7 25.4 38.2

