

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059852.D
 Acq On : 05 Jul 2024 11:23
 Operator : MD/SY
 Sample : P3109-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:02:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46577	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.907	69	42399	3.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	18866	4.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.615	46	111381	48.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.080%
24) Chloroform-d	5.055	84	94455	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	47816	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.721	84	201823	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.685	67	67281	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	190036	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.177	79	22411	5.059	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.627	63	96259	52.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51155	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	71405	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
13) Acetone	2.592	43	86769	57.694	ug/L	47
15) Methyl Acetate	3.036	43	1224155	308.445	ug/L #	51
16) Methylene chloride	3.026	84	13527	0.994	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	34504	1.395	ug/L #	74
21) 2-Butanone	4.640	43	44829	18.584	ug/L #	50
25) Chloroform	5.126	83	4930	0.213	ug/L #	1
27) 1,2-Dichloroethane	5.788	62	31913	2.271	ug/L #	81
30) Cyclohexane	5.454	56	1049060	61.342	ug/L #	18
35) Methylcyclohexane	6.730	83	22438	1.143	ug/L #	49
38) Bromodichloromethane	7.122	83	7218	0.439	ug/L #	26
40) 4-Methyl-2-pentanone	7.833	43	30899	5.059	ug/L #	85
45) 1,1,2-Trichloroethane	8.370	97	3206	0.330	ug/L #	20
60) Isopropylbenzene	10.479	105	3490	0.071	ug/L #	86
61) 1,2,3-Trichloropropane	11.807	75	8884	1.209	ug/L #	64
63) 1,2,4-Trimethylbenzene	11.466	105	15418	0.414	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.936	75	153	0.107	ug/L #	6

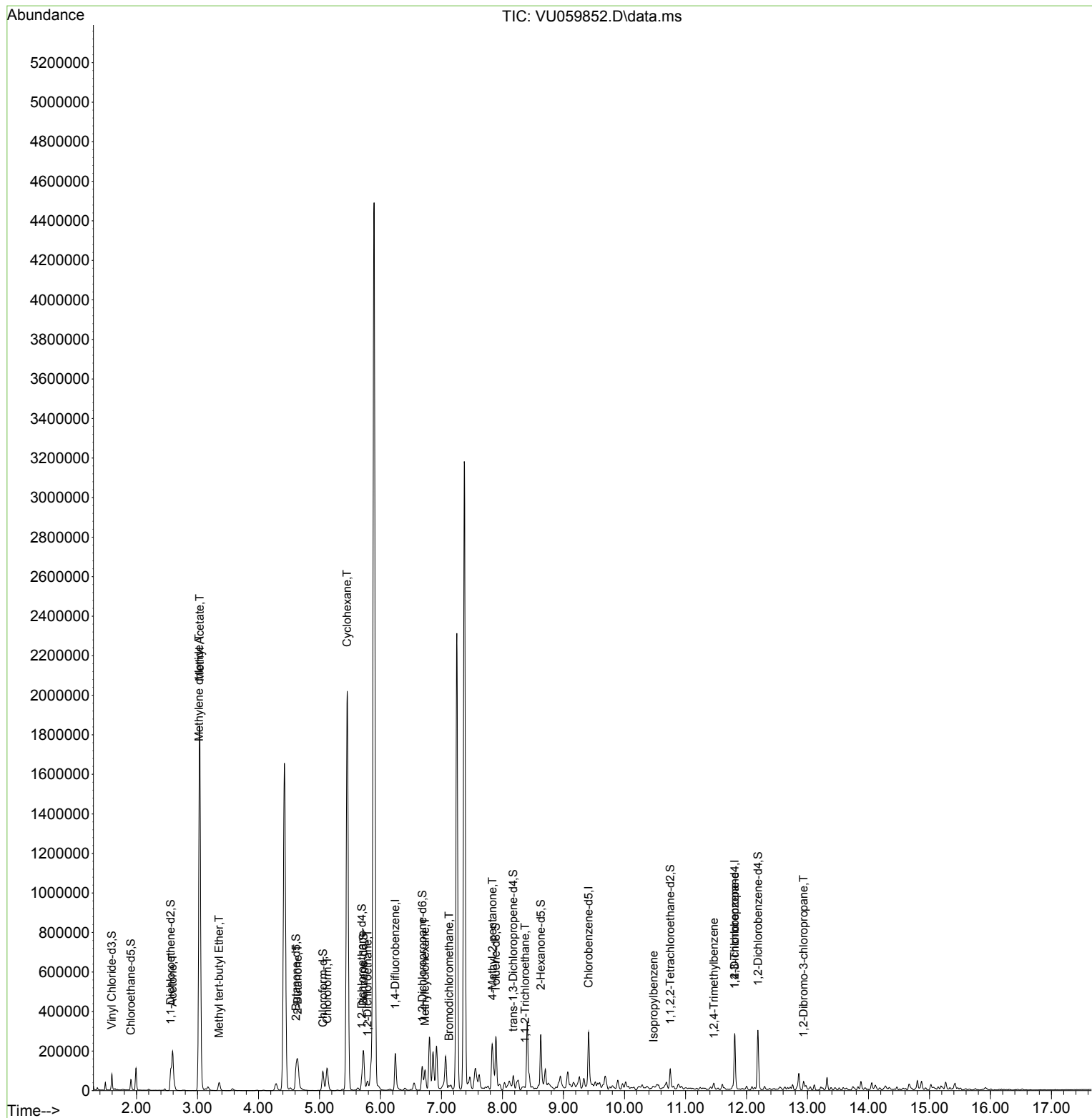
(#) = qualifier out of range (m) = manual integration (+) = signals summed

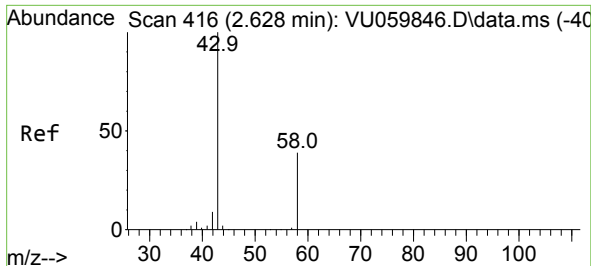
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
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QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration





#13

Acetone

Concen: 57.694 ug/L

RT: 2.592 min Scan# 405

Delta R.T. -0.035 min

Lab File: VU059852.D

Acq: 05 Jul 2024 11:23

Instrument :

MSVOA_U

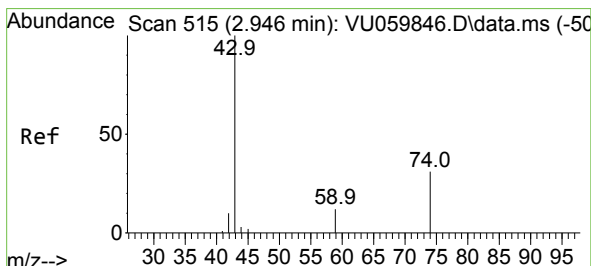
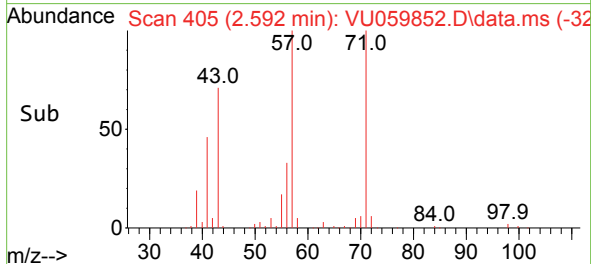
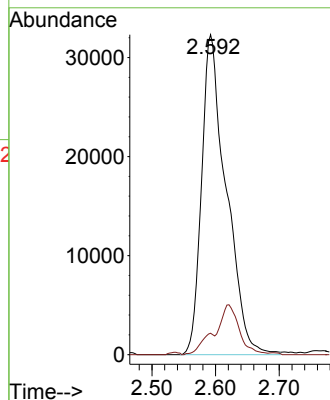
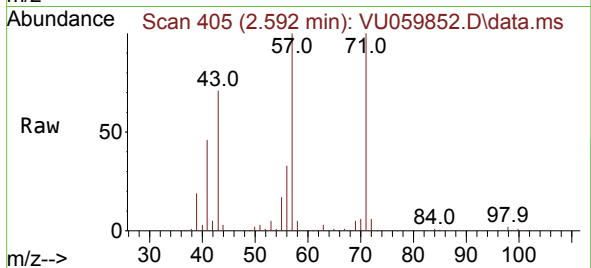
ClientSampleId :

Tgt Ion: 43 Resp: 86769

Ion Ratio Lower Upper

43 100

58 3.7 0.0 68.0



#15

Methyl Acetate

Concen: 308.445 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.090 min

Lab File: VU059852.D

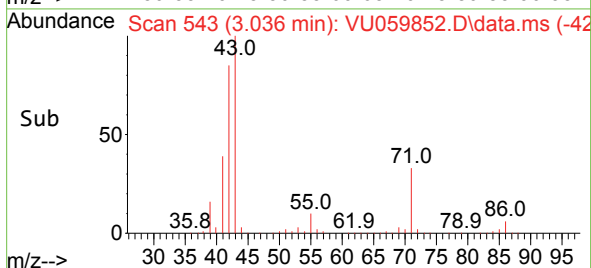
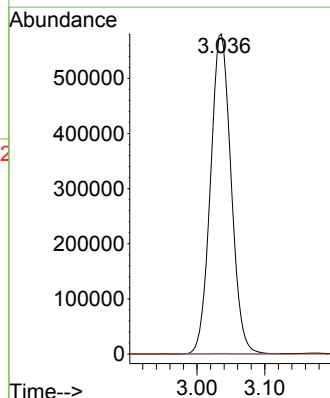
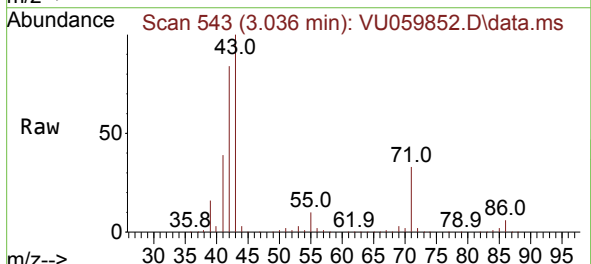
Acq: 05 Jul 2024 11:23

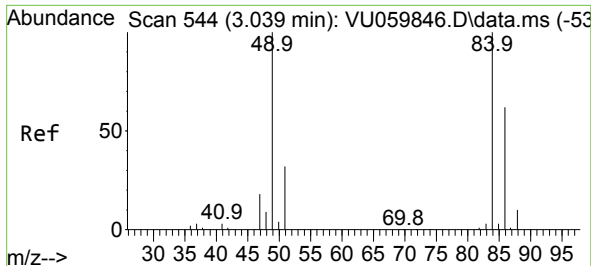
Tgt Ion: 43 Resp: 1224155

Ion Ratio Lower Upper

43 100

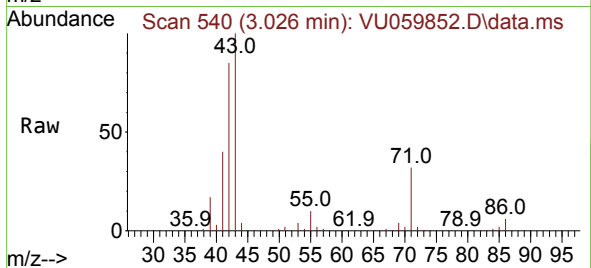
74 0.0 19.2 28.8#



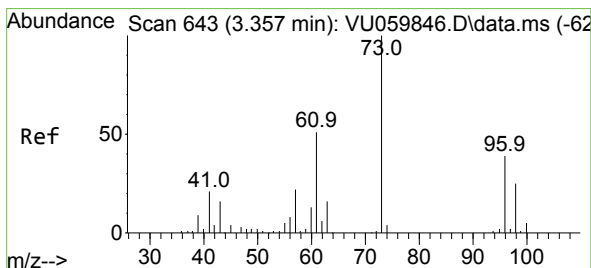
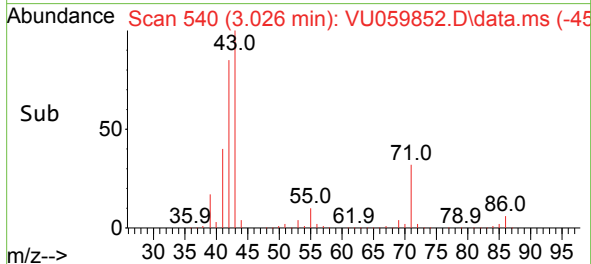
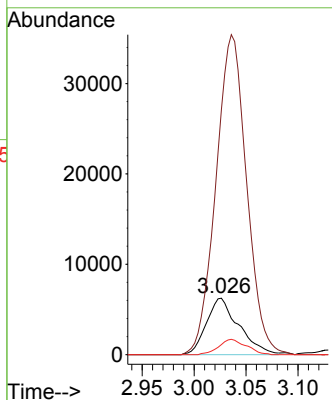


#16
Methylene chloride
Concen: 0.994 ug/L
RT: 3.026 min Scan# 54
Delta R.T. -0.013 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

Instrument :
MSVOA_U
ClientSampleId :

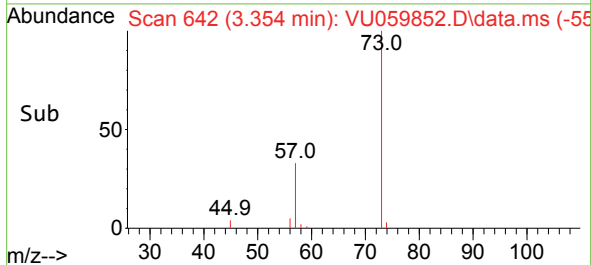
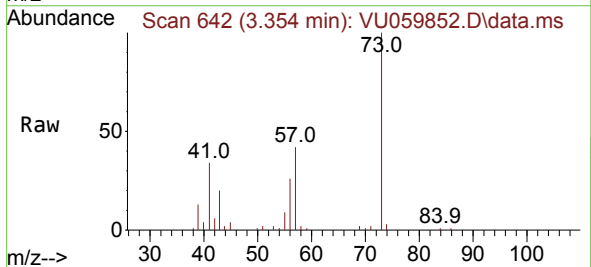
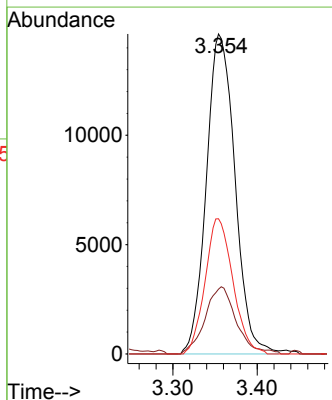


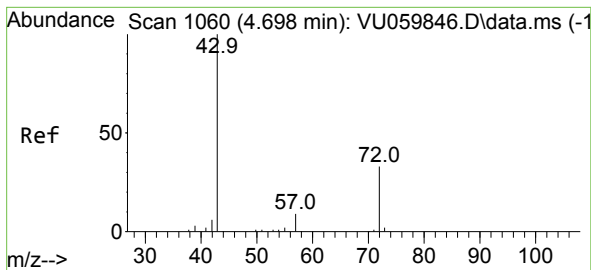
Tgt Ion: 84 Resp: 13527
Ion Ratio Lower Upper
84 100
86 434.2 42.1 78.1#
49 17.9 80.6 149.8#



#17
Methyl tert-butyl Ether
Concen: 1.395 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

Tgt Ion: 73 Resp: 34504
Ion Ratio Lower Upper
73 100
43 22.8 14.9 22.3#
57 41.2 18.0 27.0#

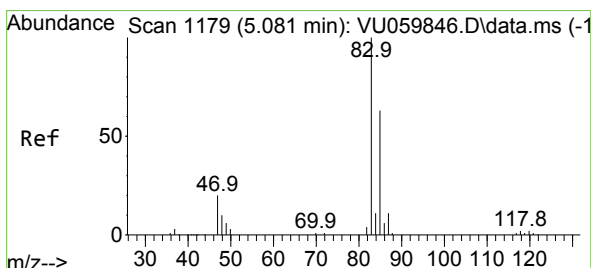
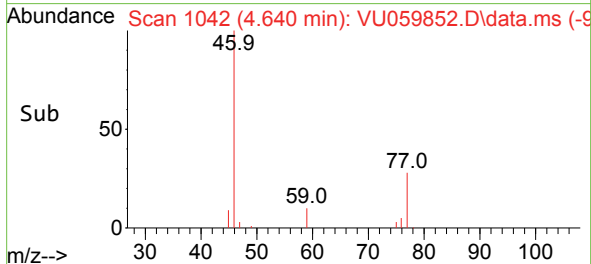
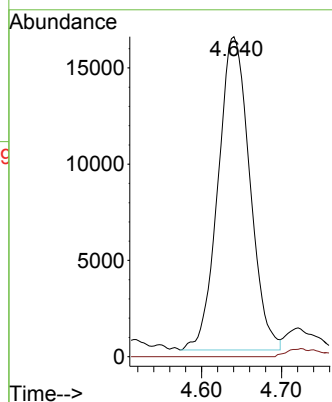
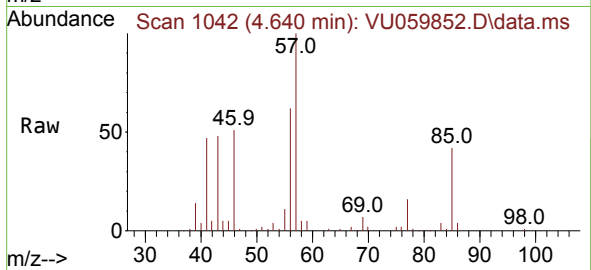




#21
2-Butanone
Concen: 18.584 ug/L
RT: 4.640 min Scan# 1042
Delta R.T. -0.058 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

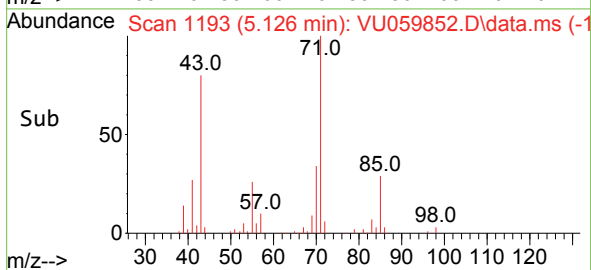
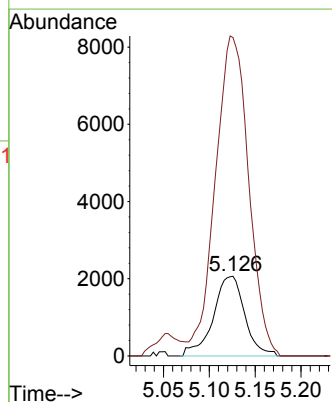
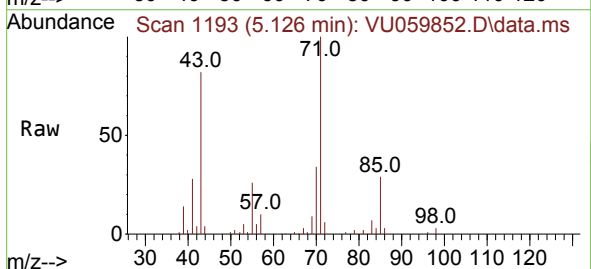
Instrument :
MSVOA_U
ClientSampleId :

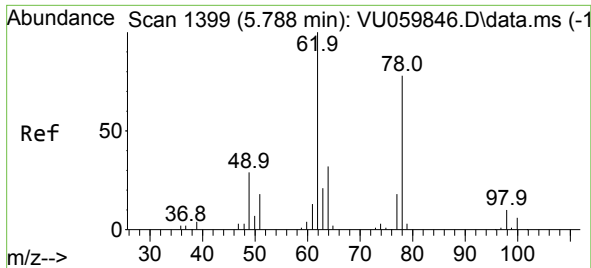
Tgt Ion: 43 Resp: 44829
Ion Ratio Lower Upper
43 100
72 1.6 13.8 41.4#



#25
Chloroform
Concen: 0.213 ug/L
RT: 5.126 min Scan# 1193
Delta R.T. 0.045 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

Tgt Ion: 83 Resp: 4930
Ion Ratio Lower Upper
83 100
85 400.0 44.7 83.1#

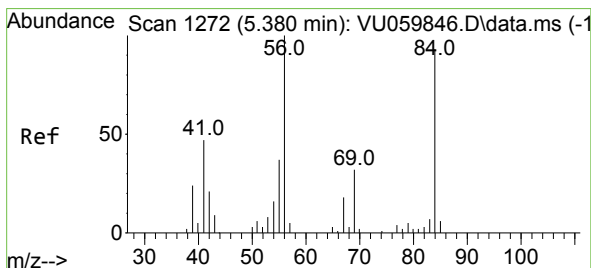
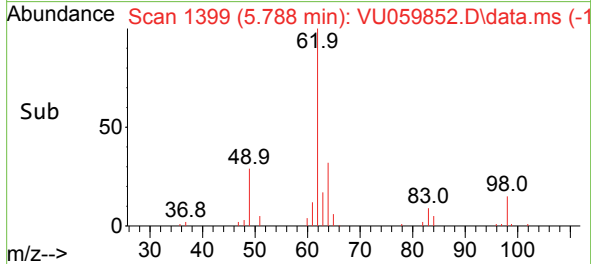
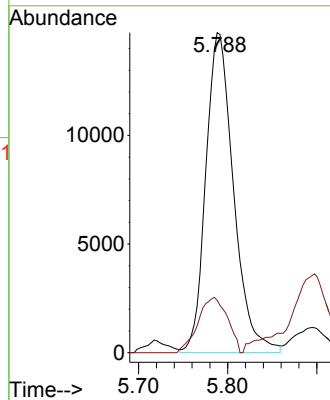
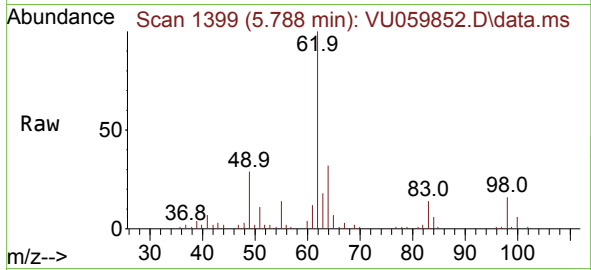




#27
1,2-Dichloroethane
Concen: 2.271 ug/L
RT: 5.788 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

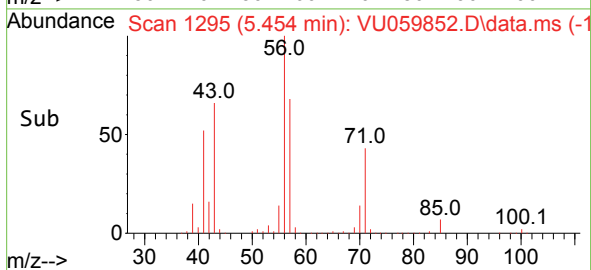
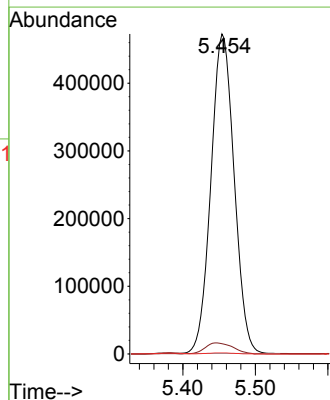
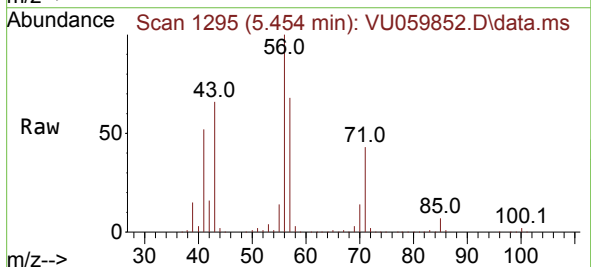
Instrument :
MSVOA_U
ClientSampleId :

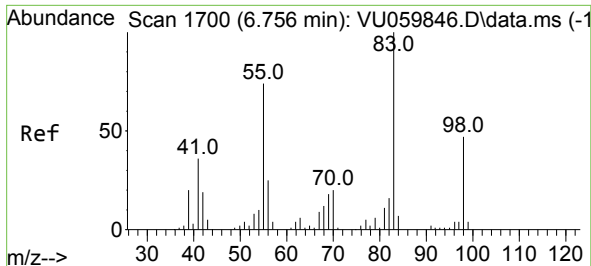
Tgt Ion: 62 Resp: 31913
Ion Ratio Lower Upper
62 100
98 16.3 7.5 11.3#



#30
Cyclohexane
Concen: 61.342 ug/L
RT: 5.454 min Scan# 1295
Delta R.T. 0.074 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

Tgt Ion: 56 Resp: 1049060
Ion Ratio Lower Upper
56 100
69 4.2 24.8 37.2#
84 0.3 69.8 104.8#





#35

Methylcyclohexane

Concen: 1.143 ug/L

RT: 6.730 min Scan# 1

Delta R.T. -0.026 min

Lab File: VU059852.D

Acq: 05 Jul 2024 11:23

Instrument :

MSVOA_U

ClientSampleId :

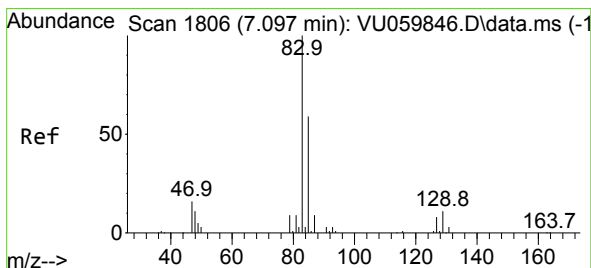
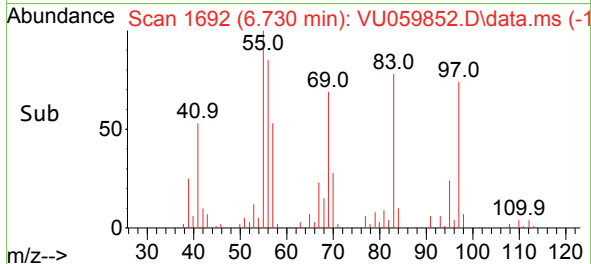
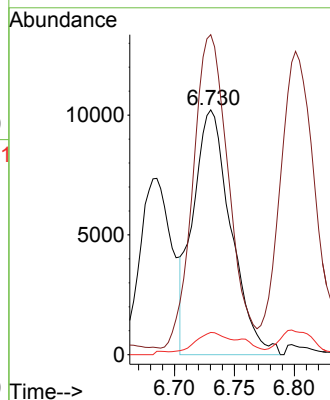
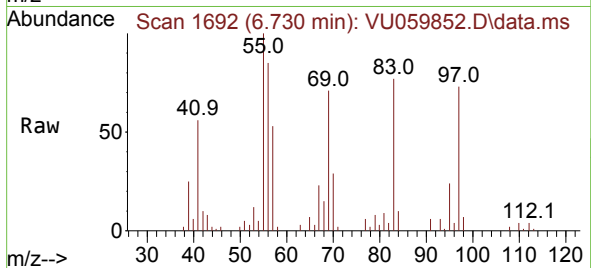
Tgt Ion: 83 Resp: 22438

Ion Ratio Lower Upper

83 100

55 119.3 62.7 94.1#

98 6.5 35.4 53.0#



#38

Bromodichloromethane

Concen: 0.439 ug/L

RT: 7.122 min Scan# 1814

Delta R.T. 0.026 min

Lab File: VU059852.D

Acq: 05 Jul 2024 11:23

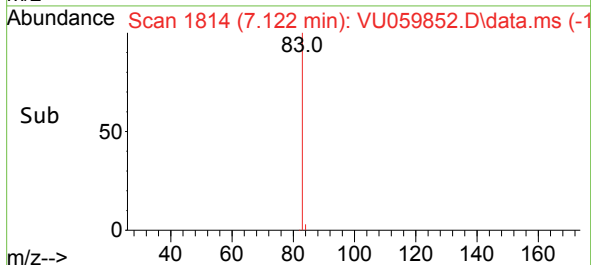
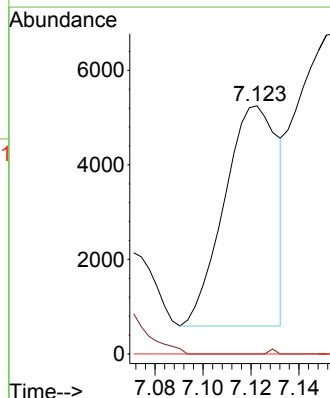
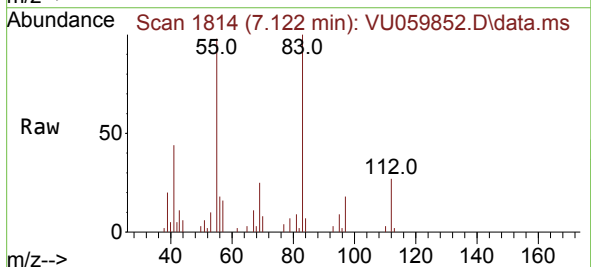
Tgt Ion: 83 Resp: 7218

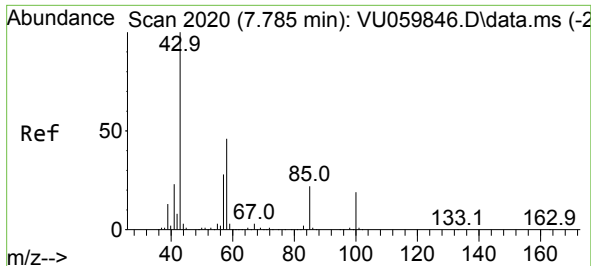
Ion Ratio Lower Upper

83 100

85 0.0 42.7 79.3#

127 0.0 6.1 9.1#

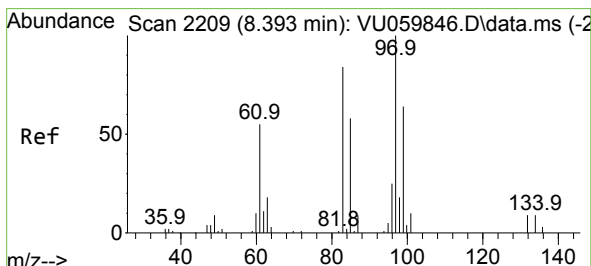
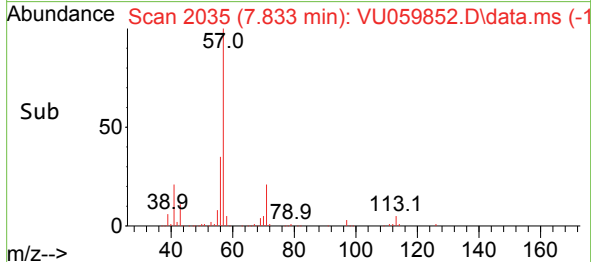
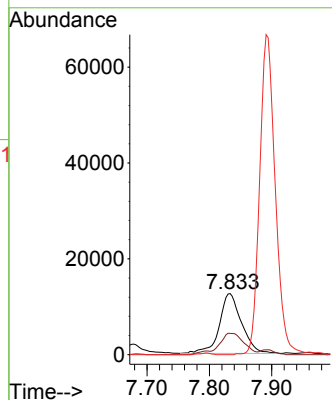
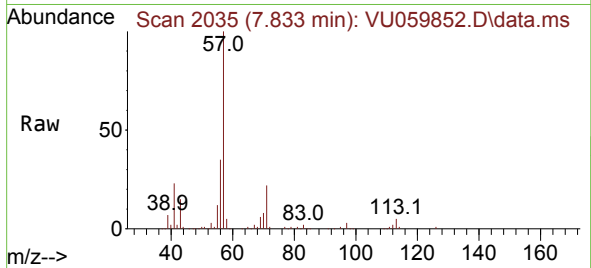




#40
4-Methyl-2-pentanone
Concen: 5.059 ug/L
RT: 7.833 min Scan# 2020
Delta R.T. 0.048 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

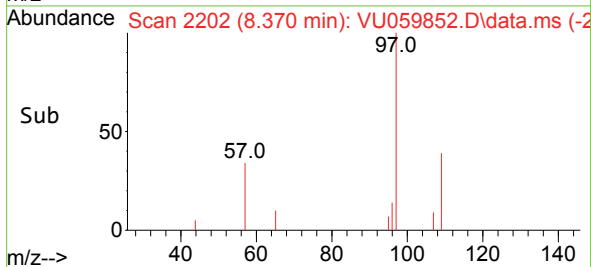
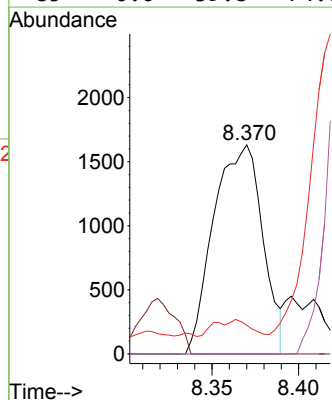
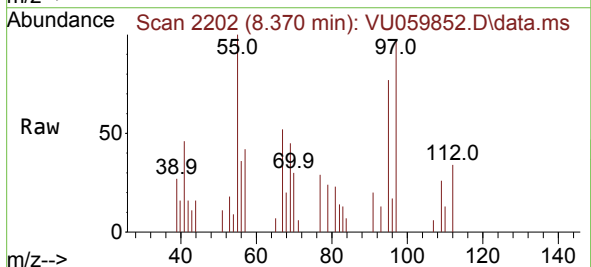
Instrument :
MSVOA_U
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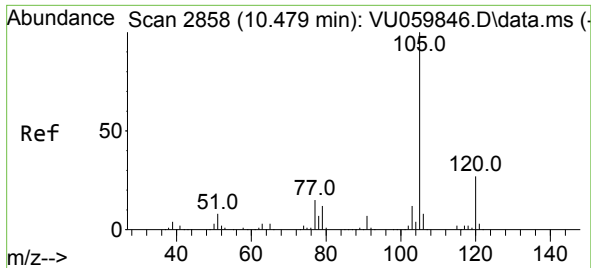
Tgt Ion: 43 Resp: 30899
Ion Ratio Lower Upper
43 100
58 37.7 34.0 51.0
100 0.0 12.1 18.1#



#45
1,1,2-Trichloroethane
Concen: 0.330 ug/L
RT: 8.370 min Scan# 2202
Delta R.T. -0.023 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

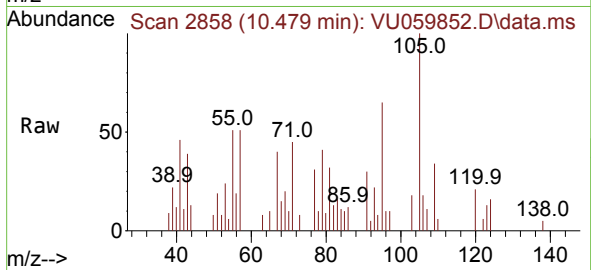
Tgt Ion: 97 Resp: 3206
Ion Ratio Lower Upper
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99 0.0 43.3 80.3#
83 13.7 62.3 115.7#
85 0.0 39.8 74.0#



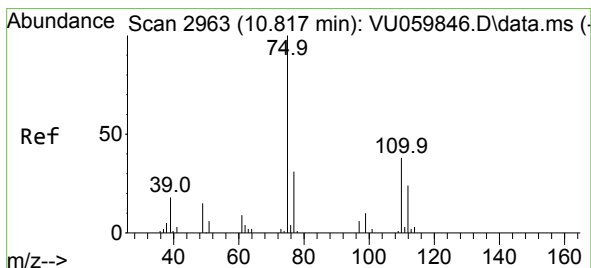
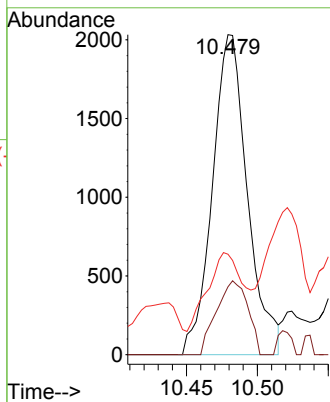
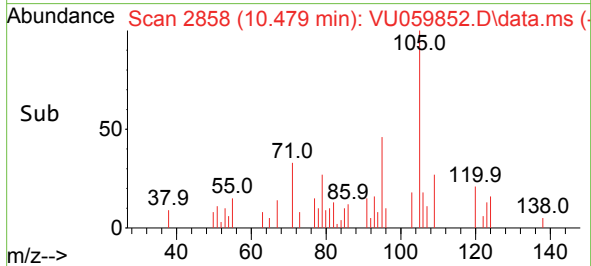


#60
Isopropylbenzene
Concen: 0.071 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23

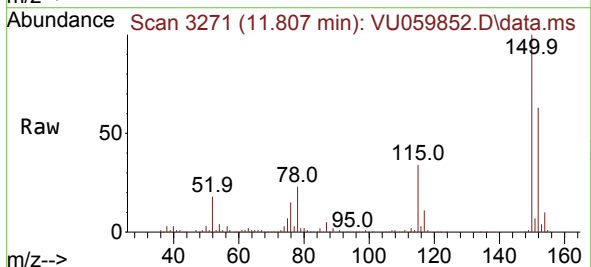
Instrument :
MSVOA_U
ClientSampleId :



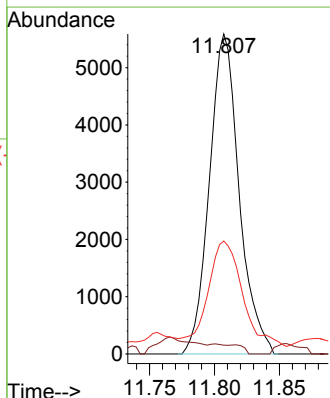
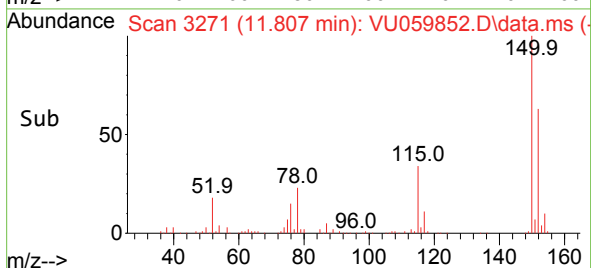
Tgt Ion:105 Resp: 3490
Ion Ratio Lower Upper
105 100
120 20.7 20.6 31.0
77 24.4 12.8 19.2#

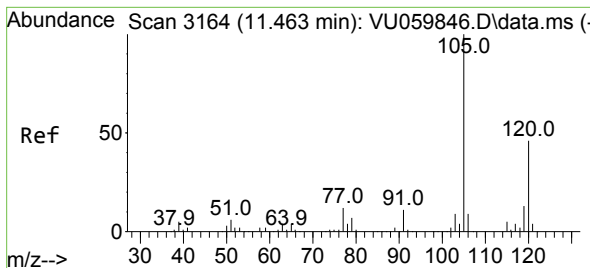


#61
1,2,3-Trichloropropane
Concen: 1.209 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU059852.D
Acq: 05 Jul 2024 11:23



Tgt Ion: 75 Resp: 8884
Ion Ratio Lower Upper
75 100
110 0.0 27.1 40.7#
77 37.5 25.4 38.2





#63

1,2,4-Trimethylbenzene

Concen: 0.414 ug/L

RT: 11.466 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU059852.D

Acq: 05 Jul 2024 11:23

Instrument :

MSVOA_U

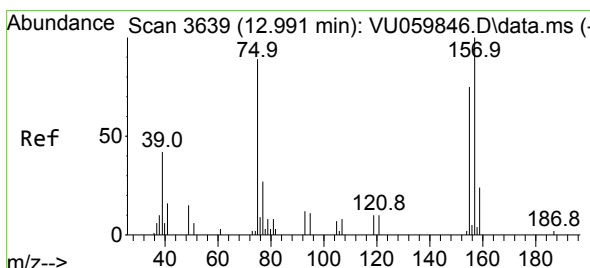
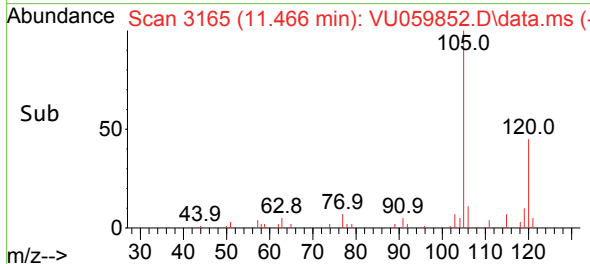
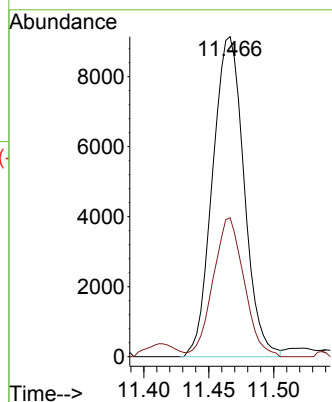
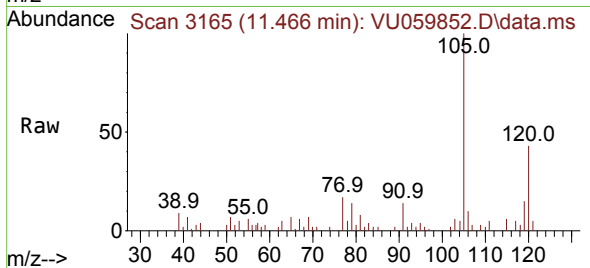
ClientSampleId :

Tgt Ion:105 Resp: 15418

Ion Ratio Lower Upper

105 100

120 42.7 35.4 53.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.107 ug/L

RT: 12.936 min Scan# 3622

Delta R.T. -0.055 min

Lab File: VU059852.D

Acq: 05 Jul 2024 11:23

Tgt Ion: 75 Resp: 153

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 80.0 120.0#

