

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059757.D
 Acq On : 02 Jul 2024 23:09
 Operator : MD/SY
 Sample : P3121-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:09:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

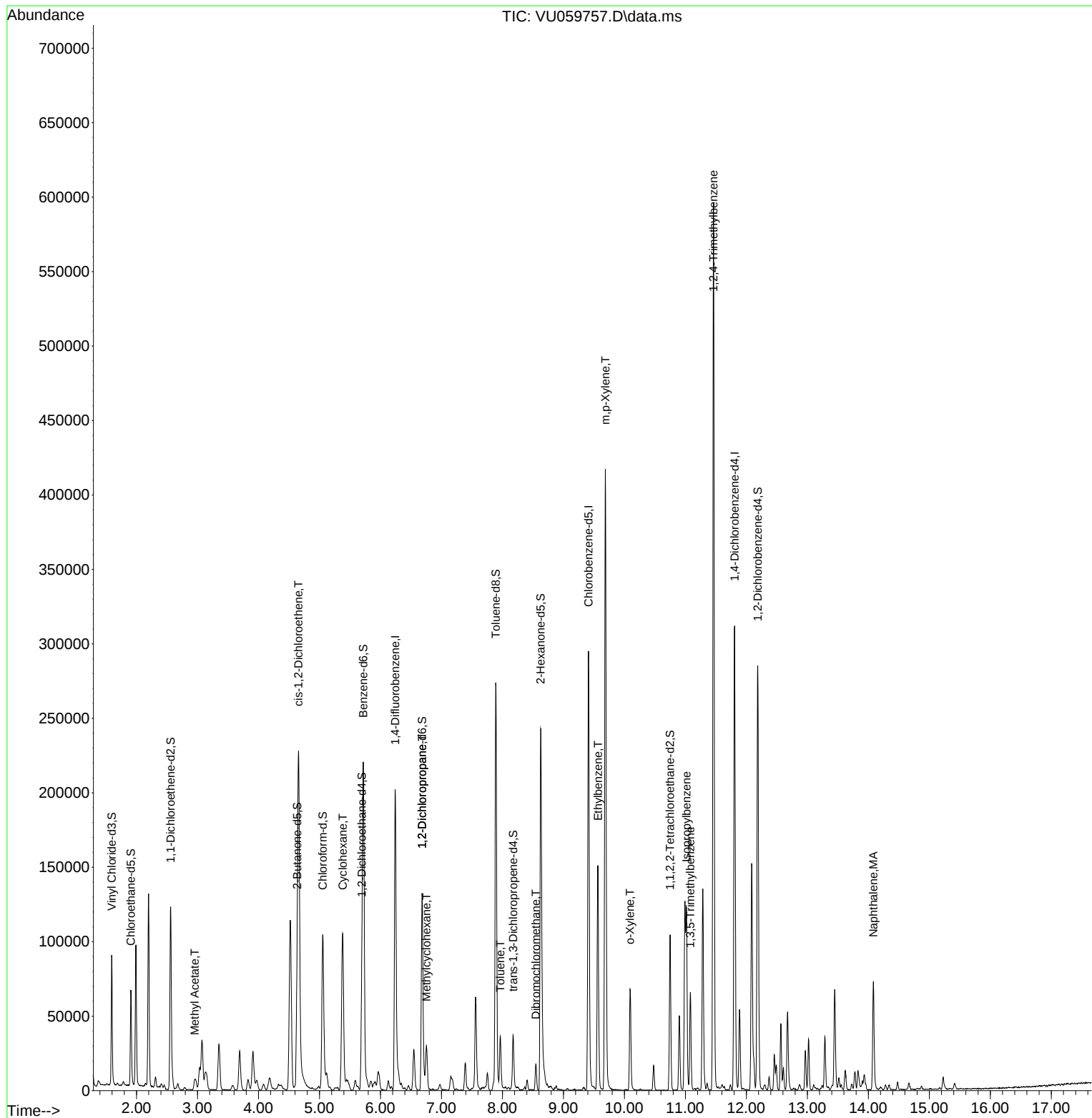
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175273	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	173431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59799	4.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.907	69	49342	4.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	22633	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.634	46	105839	42.159	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.320%
24) Chloroform-d	5.055	84	102074	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.695	65	51297	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.718	84	219448	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	66340	4.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	192584	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	22764	4.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	93362	49.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53064	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	75769	4.855	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
15) Methyl Acetate	2.952	43	4679	1.089	ug/L #	62
22) cis-1,2-Dichloroethene	4.657	96	111807	7.846	ug/L	95
30) Cyclohexane	5.383	56	51601	2.918	ug/L	94
35) Methylcyclohexane	6.753	83	10861	0.535	ug/L	95
37) 1,2-Dichloropropane	6.682	63	7098	0.521	ug/L #	91
42) Toluene	7.965	91	28164	0.505	ug/L	100
49) Dibromochloromethane	8.550	129	3896	0.350	ug/L #	12
52) Ethylbenzene	9.566	91	107414	1.878	ug/L	94
53) m,p-Xylene	9.688	106	125106	5.695	ug/L	96
54) o-Xylene	10.094	106	20240	0.971	ug/L	85
60) Isopropylbenzene	11.016	105	64837	1.197	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	38150	0.889	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	332315	8.100	ug/L	98
71) Naphthalene	14.084	128	64010	2.859	ug/L	99

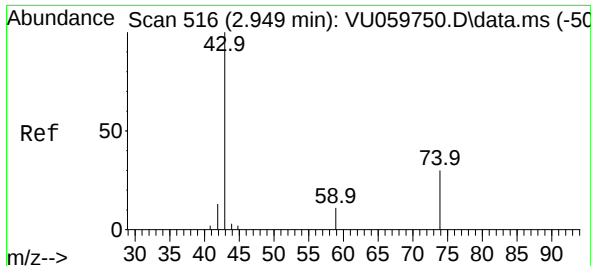
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 03 04:09:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 1.089 ug/L

RT: 2.952 min Scan# 516

Delta R.T. 0.003 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

Instrument :

MSVOA_U

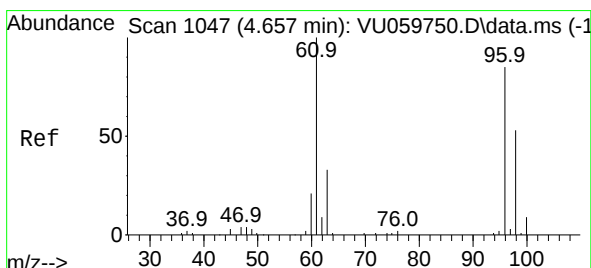
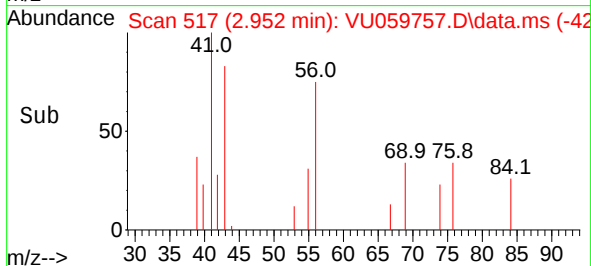
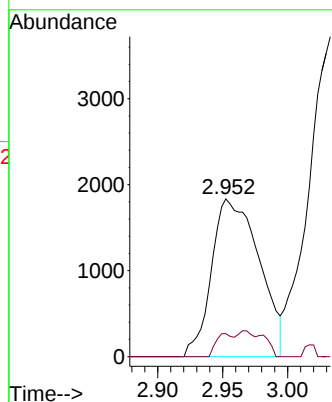
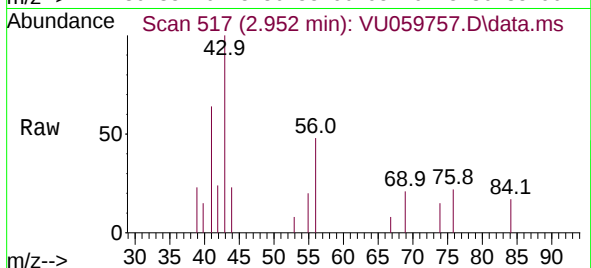
ClientSampleId :

Tgt Ion: 43 Resp: 4679

Ion Ratio Lower Upper

43 100

74 5.4 19.2 28.8#



#22

cis-1,2-Dichloroethene

Concen: 7.846 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

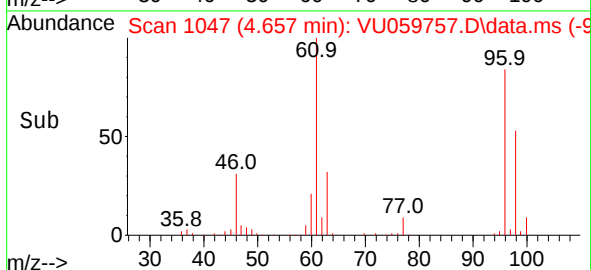
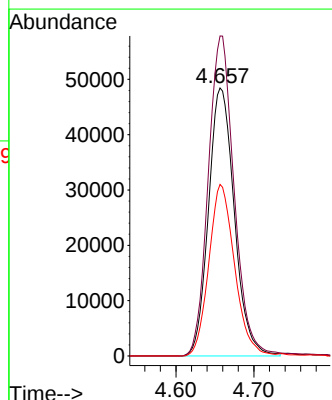
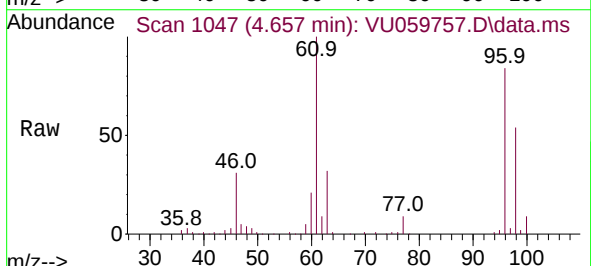
Tgt Ion: 96 Resp: 111807

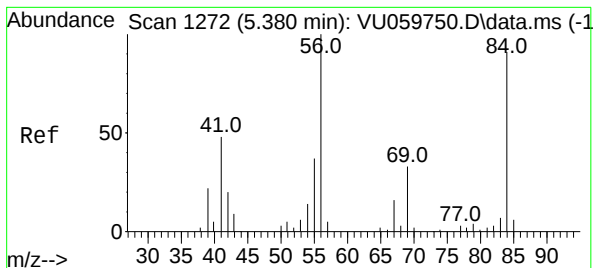
Ion Ratio Lower Upper

96 100

61 119.4 87.4 162.2

98 64.0 42.3 78.5





#30

Cyclohexane

Concen: 2.918 ug/L

RT: 5.383 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

Instrument :

MSVOA_U

ClientSampleId :

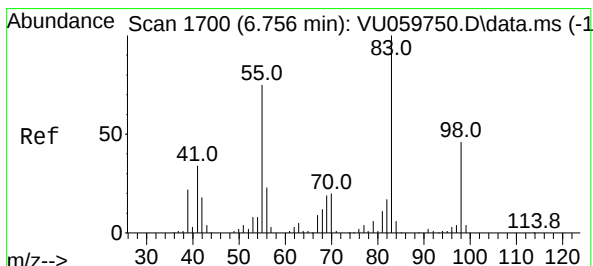
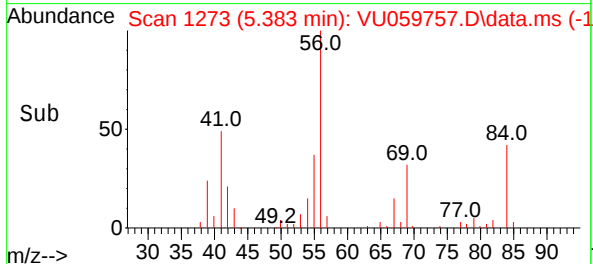
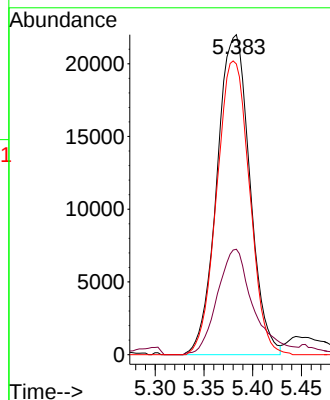
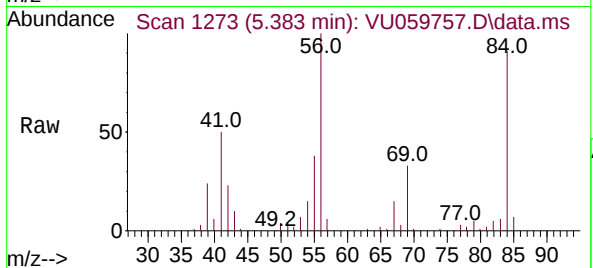
Tgt Ion: 56 Resp: 51601

Ion Ratio Lower Upper

56 100

69 36.4 24.8 37.2

84 91.4 69.8 104.8



#35

Methylcyclohexane

Concen: 0.535 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

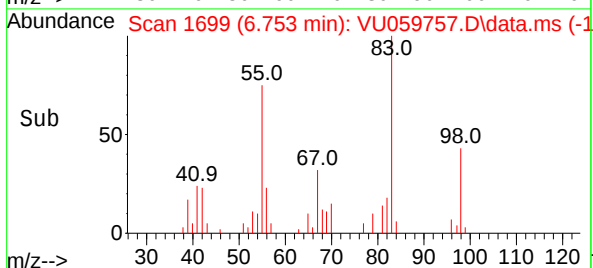
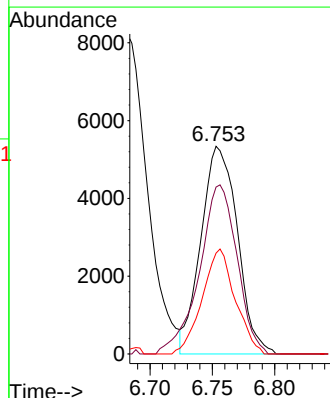
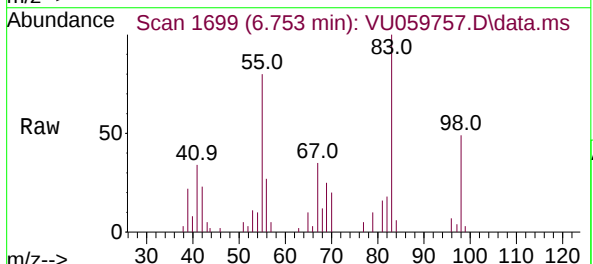
Tgt Ion: 83 Resp: 10861

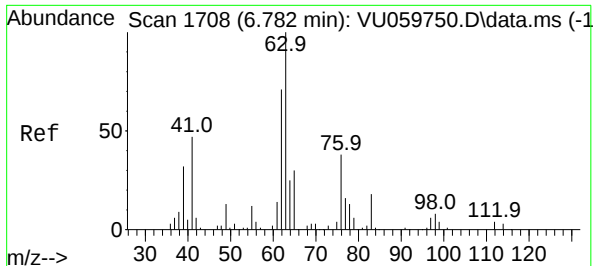
Ion Ratio Lower Upper

83 100

55 83.9 62.7 94.1

98 45.8 35.4 53.0

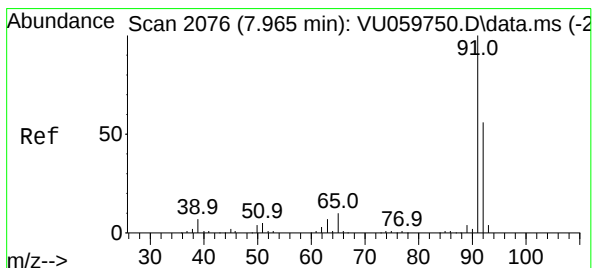
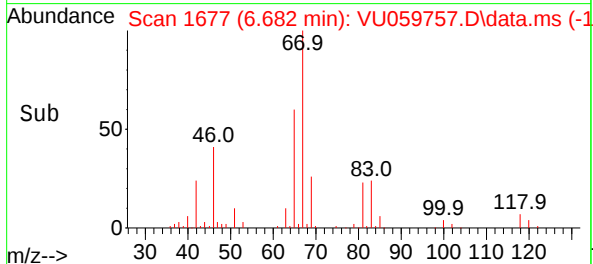
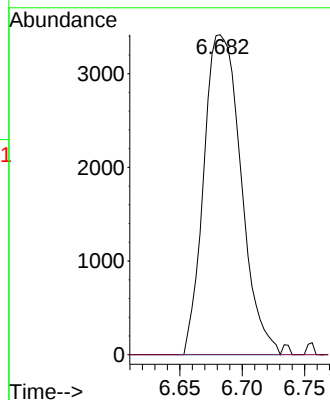
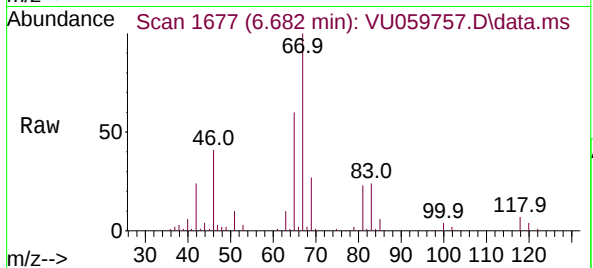




#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

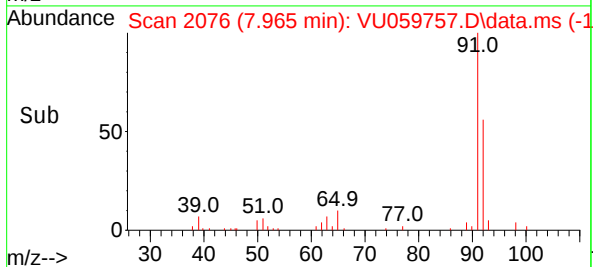
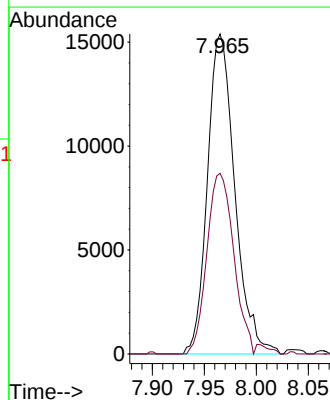
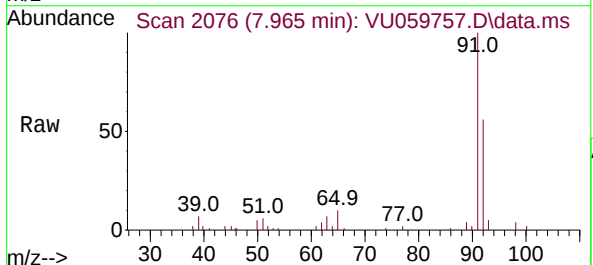
Instrument :
MSVOA_U
ClientSampleId :

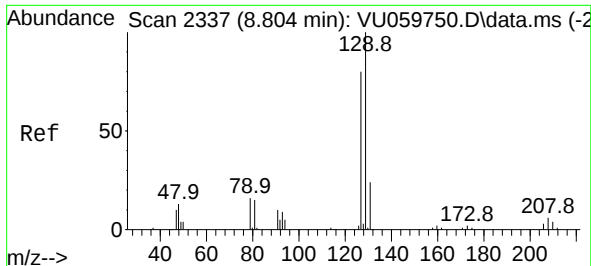
Tgt Ion: 63 Resp: 7098
Ion Ratio Lower Upper
63 100
112 0.3 2.6 3.8#



#42
Toluene
Concen: 0.505 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Tgt Ion: 91 Resp: 28164
Ion Ratio Lower Upper
91 100
92 56.4 39.7 73.7





#49

Dibromochloromethane

Concen: 0.350 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

Instrument :

MSVOA_U

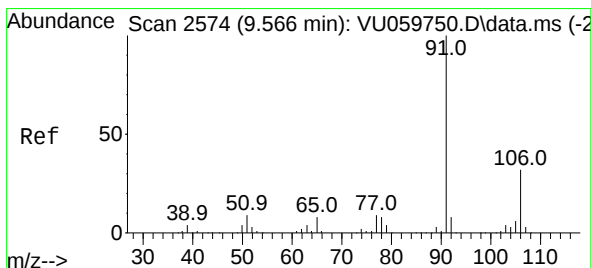
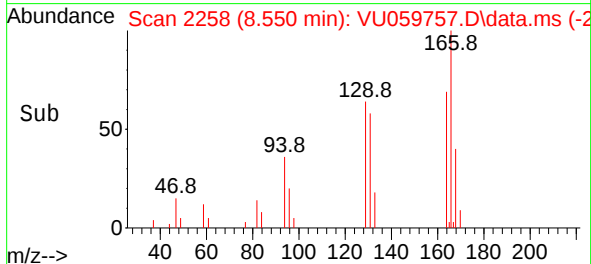
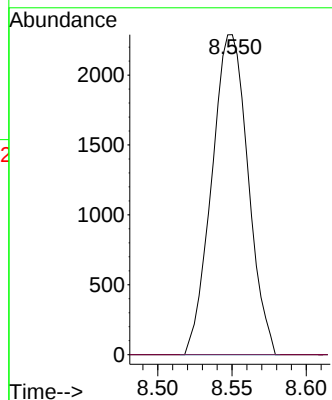
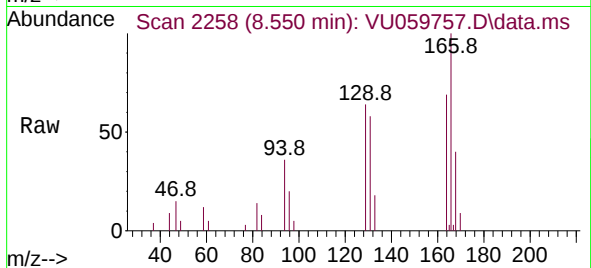
ClientSampleId :

Tgt Ion:129 Resp: 3896

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#52

Ethylbenzene

Concen: 1.878 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU059757.D

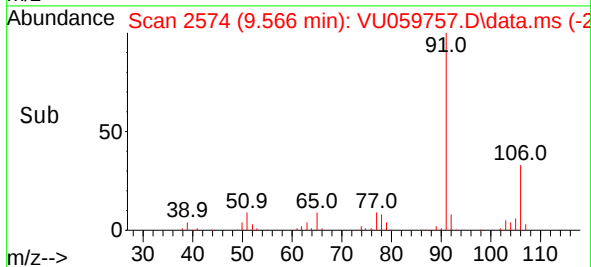
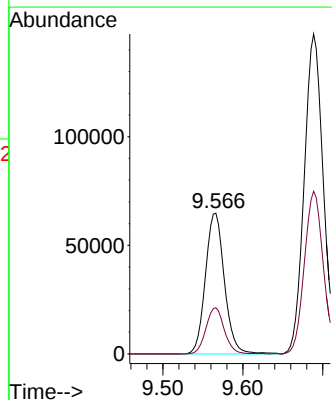
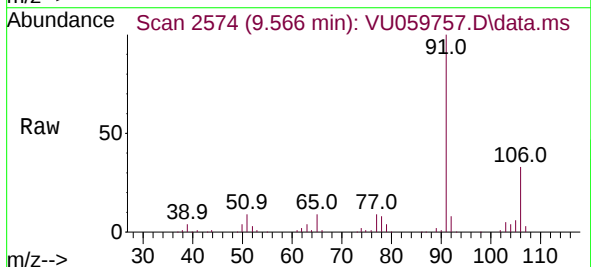
Acq: 02 Jul 2024 23:09

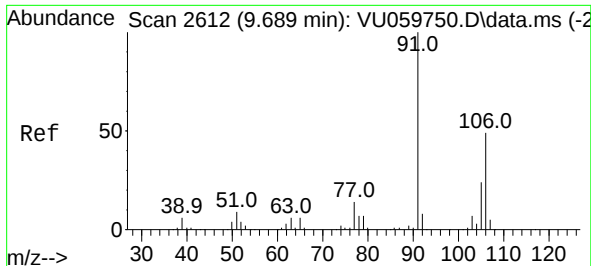
Tgt Ion: 91 Resp: 107414

Ion Ratio Lower Upper

91 100

106 32.9 20.9 38.7





#53

m,p-Xylene

Concen: 5.695 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

Instrument :

MSVOA_U

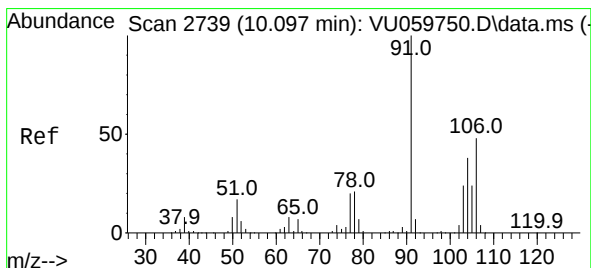
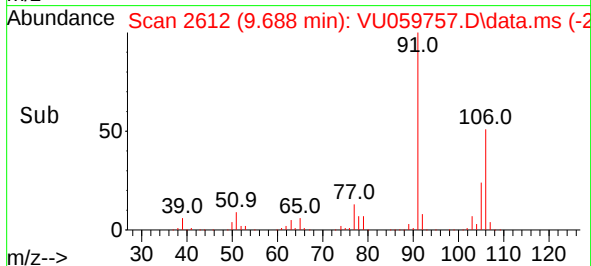
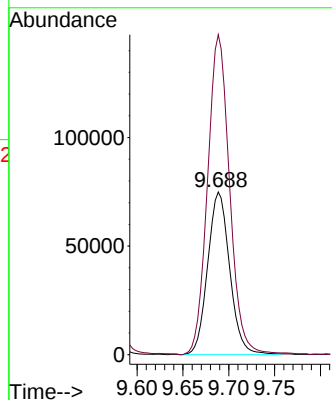
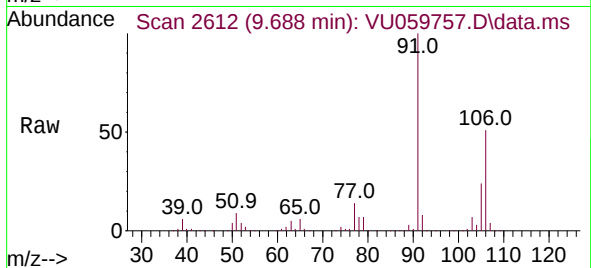
ClientSampleId :

Tgt Ion:106 Resp: 125106

Ion Ratio Lower Upper

106 100

91 196.7 142.0 263.8



#54

o-Xylene

Concen: 0.971 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU059757.D

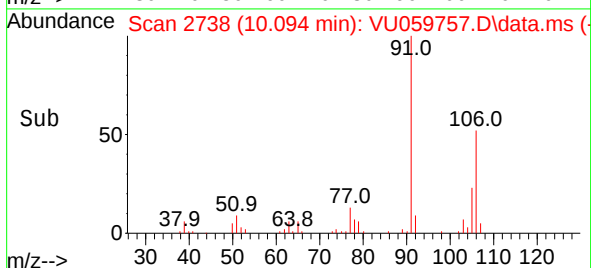
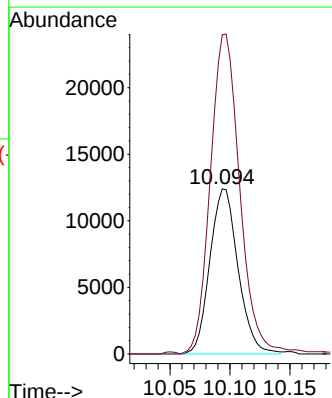
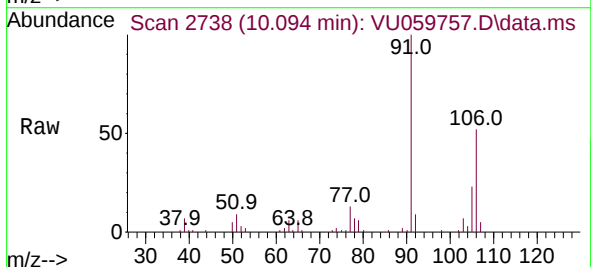
Acq: 02 Jul 2024 23:09

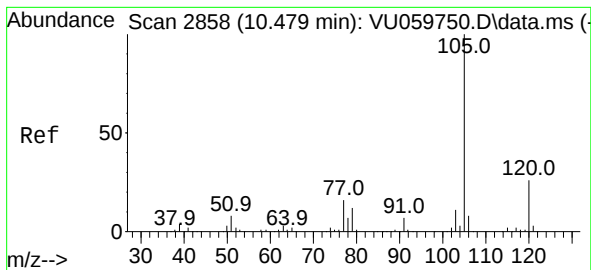
Tgt Ion:106 Resp: 20240

Ion Ratio Lower Upper

106 100

91 193.3 151.6 281.6





#60

Isopropylbenzene

Concen: 1.197 ug/L

RT: 11.016 min Scan# 3025

Delta R.T. 0.537 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

Instrument :

MSVOA_U

ClientSampleId :

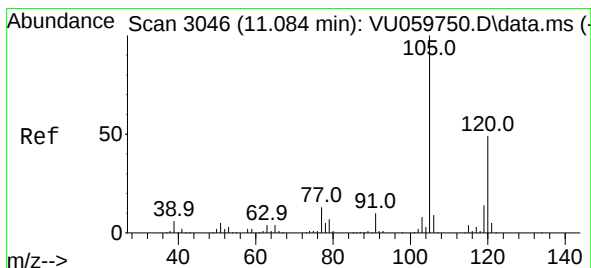
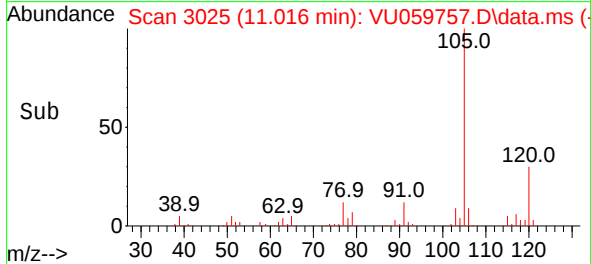
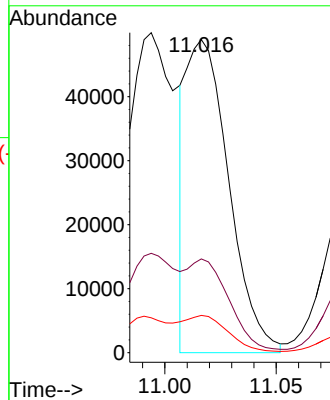
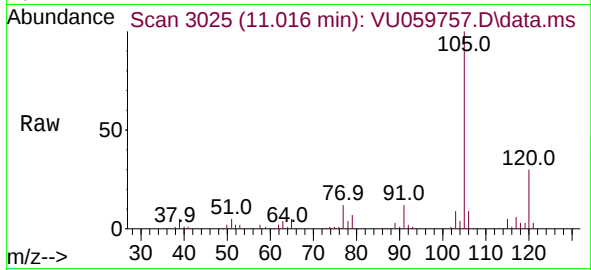
Tgt Ion:105 Resp: 64837

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 13.2 12.8 19.2



#62

1,3,5-Trimethylbenzene

Concen: 0.889 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU059757.D

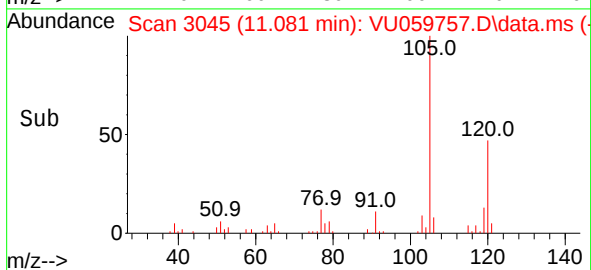
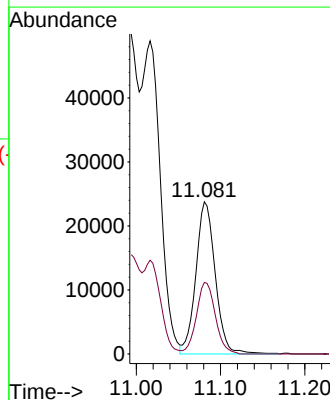
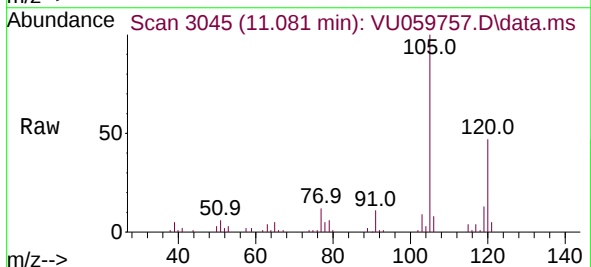
Acq: 02 Jul 2024 23:09

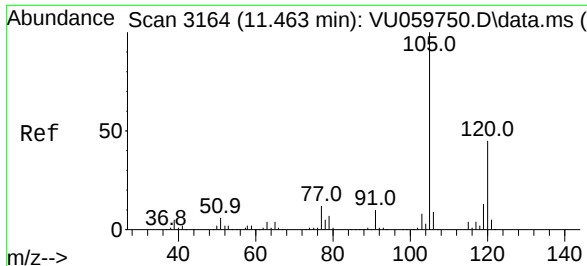
Tgt Ion:105 Resp: 38150

Ion Ratio Lower Upper

105 100

120 46.0 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 8.100 ug/L

RT: 11.460 min Scan# 3164

Delta R.T. -0.003 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

Instrument :

MSVOA_U

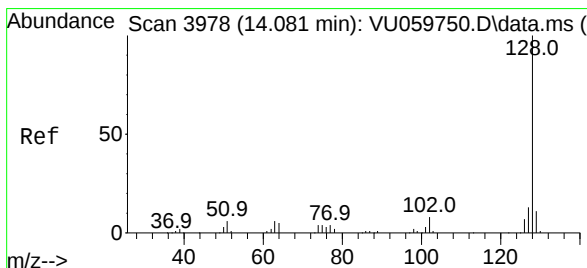
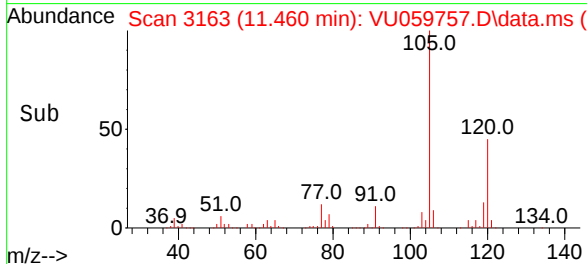
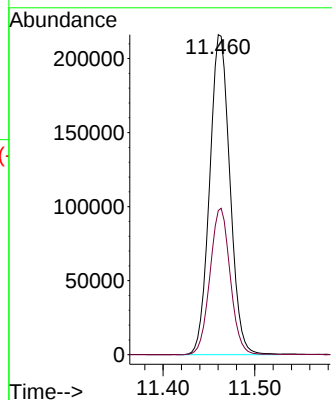
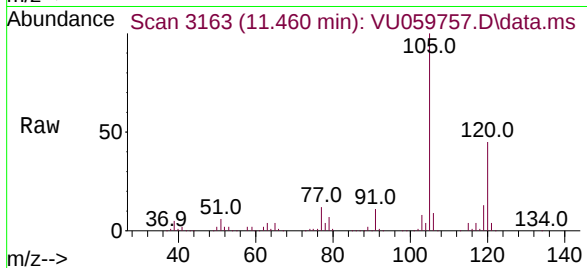
ClientSampleId :

Tgt Ion:105 Resp: 332315

Ion Ratio Lower Upper

105 100

120 45.6 35.4 53.0



#71

Naphthalene

Concen: 2.859 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU059757.D

Acq: 02 Jul 2024 23:09

Tgt Ion:128 Resp: 64010

Ion Ratio Lower Upper

128 100

129 11.1 8.2 12.4

127 13.1 10.2 15.4

