

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
 Data File : VU063086.D
 Acq On : 29 Jan 2025 11:59
 Operator : MD/SY
 Sample : Q1195-15DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 07:34:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 30 07:33:13 2025
 Response via : Initial Calibration

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

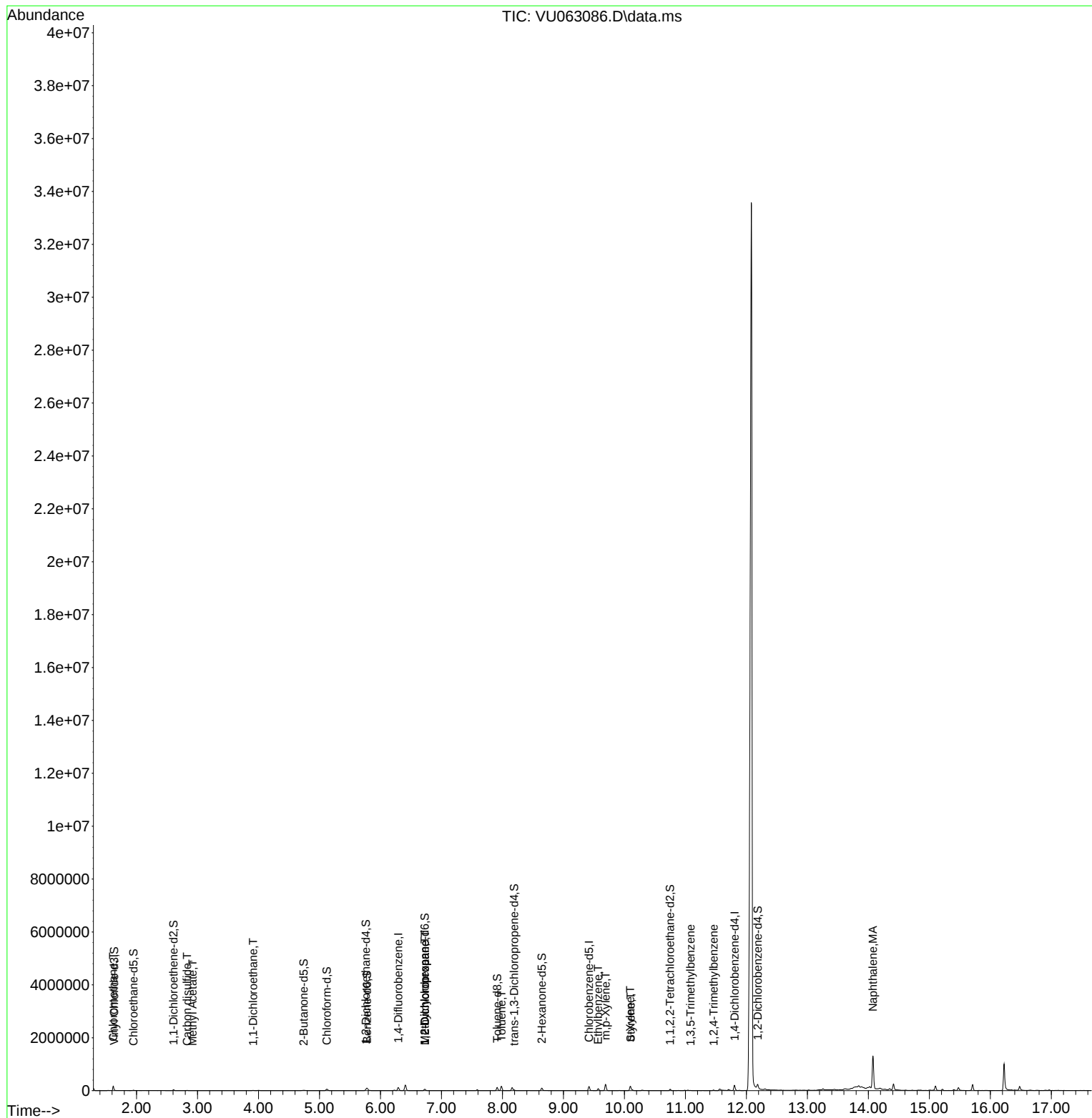
Internal Standards						
1) 1,4-Difluorobenzene	6.293	114	97998	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.418	117	90108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.634	65	9643	2.737	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.800%
7) Chloroethane-d5	1.949	69	9811	3.668	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.608	65	5906	2.803	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	4.743	46	31356	30.668	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.340%
24) Chloroform-d	5.119	84	53867	3.849	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.763	65	31242	3.911	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	5.782	84	81259	3.946	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.727	67	19599	3.738	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.914	98	81831	4.019	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.193	79	13482	4.154	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.647	63	34714	42.864	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19852	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	41191	4.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						Qvalue
3) Chloromethane	1.618	50	8100	1.918	ug/L #	72
14) Carbon disulfide	2.830	76	13527	1.037	ug/L #	93
15) Methyl Acetate	2.920	43	388	0.306	ug/L #	44
19) 1,1-Dichloroethane	3.914	63	8680	0.919	ug/L	91
35) Methylcyclohexane	6.727	83	7521	0.805	ug/L #	22
37) 1,2-Dichloropropane	6.730	63	3164	0.644	ug/L #	85
42) Toluene	7.984	91	120631	4.649	ug/L	99
52) Ethylbenzene	9.569	91	53562	1.771	ug/L	97
53) m,p-Xylene	9.692	106	67360	5.768	ug/L	99
54) o-Xylene	10.097	106	44222	4.133	ug/L	96
55) Styrene	10.103	104	3886	0.215	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.084	105	5072	0.162	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	13288	0.448	ug/L	99
71) Naphthalene	14.077	128	1015623	69.674	ug/L	99

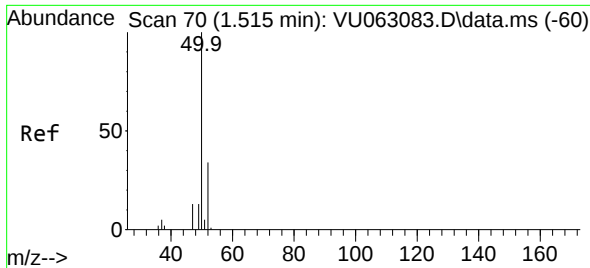
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
Data File : VU063086.D
Acq On : 29 Jan 2025 11:59
Operator : MD/SY
Sample : Q1195-15DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

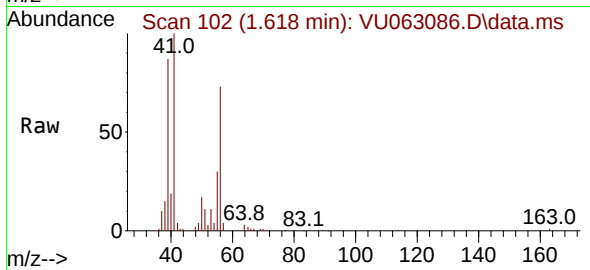
Quant Time: Jan 30 07:34:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 30 07:33:13 2025
Response via : Initial Calibration



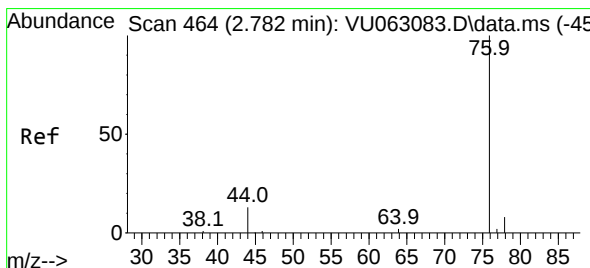
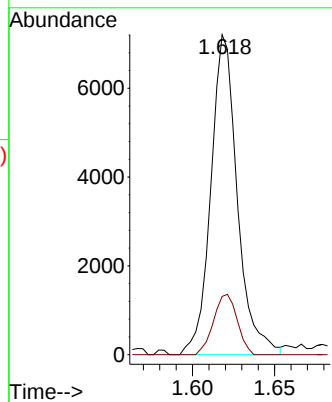
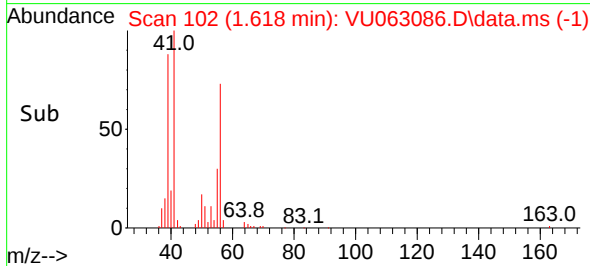


#3
Chloromethane
Concen: 1.918 ug/L
RT: 1.618 min Scan# 102
Delta R.T. 0.103 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Instrument :
MSVOA_U
ClientSampleId :

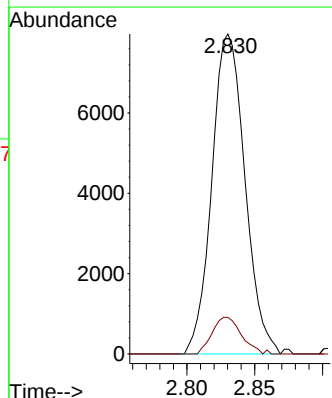
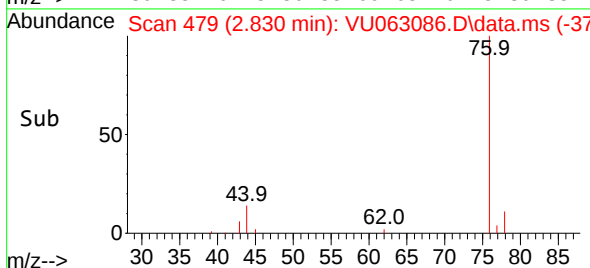
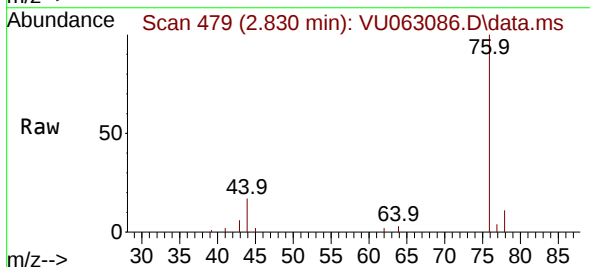


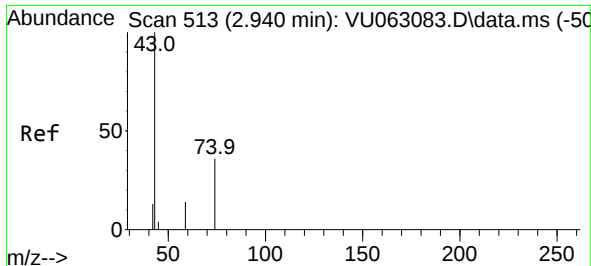
Tgt Ion: 50 Resp: 8100
Ion Ratio Lower Upper
50 100
52 18.2 24.1 44.7#



#14
Carbon disulfide
Concen: 1.037 ug/L
RT: 2.830 min Scan# 479
Delta R.T. 0.048 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Tgt Ion: 76 Resp: 13527
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.6#

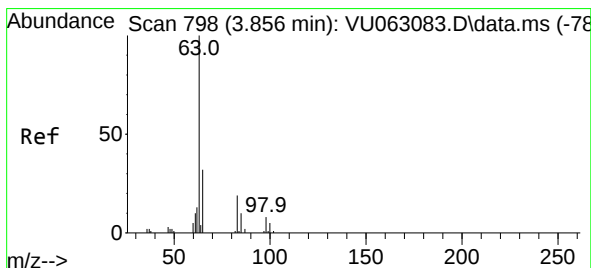
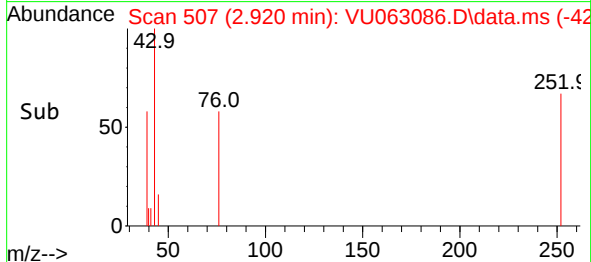
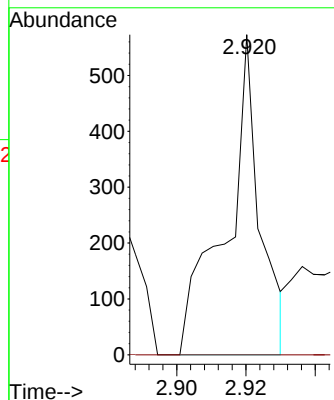
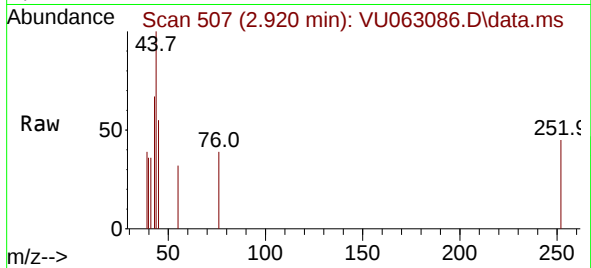




#15
Methyl Acetate
Concen: 0.306 ug/L
RT: 2.920 min Scan# 507
Delta R.T. -0.019 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

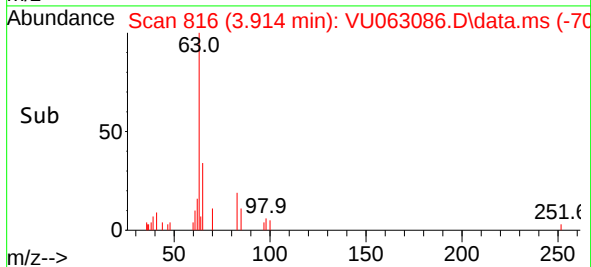
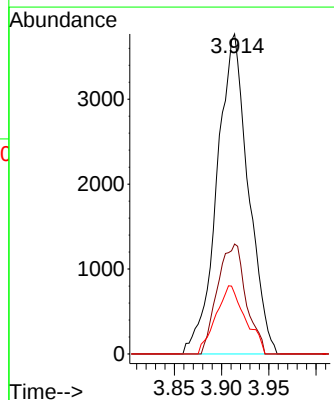
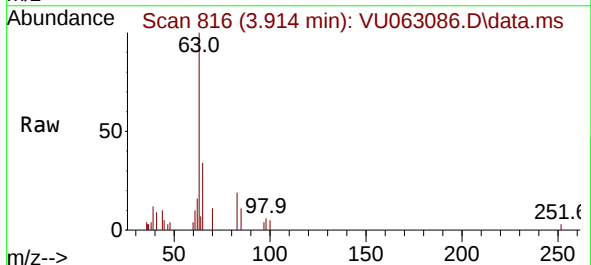
Instrument :
MSVOA_U
ClientSampleId :

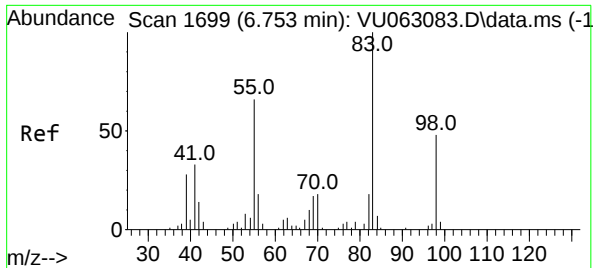
Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#19
1,1-Dichloroethane
Concen: 0.919 ug/L
RT: 3.914 min Scan# 816
Delta R.T. 0.058 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

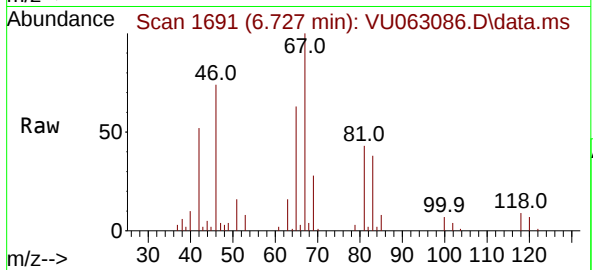
Tgt Ion: 63 Resp: 8680
Ion Ratio Lower Upper
63 100
65 34.3 20.7 38.5
83 18.9 10.5 19.5



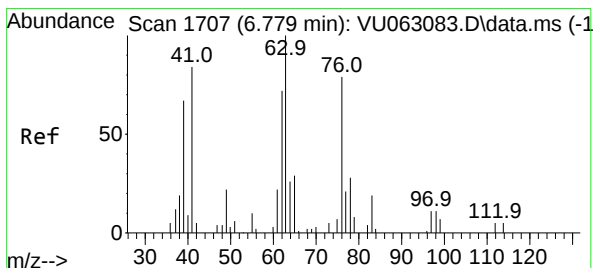
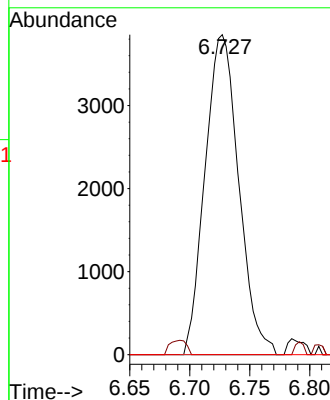
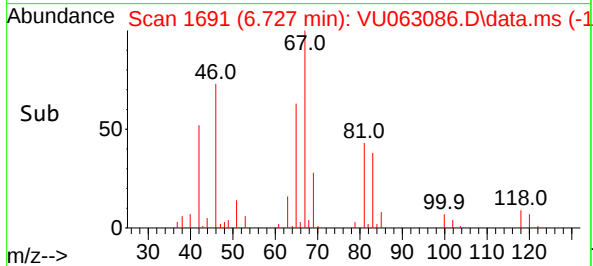


#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.727 min Scan# 1691
Delta R.T. -0.026 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Instrument :
MSVOA_U
ClientSampleId :

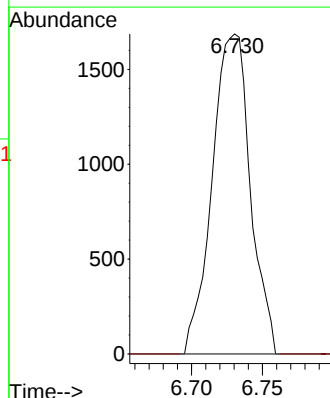
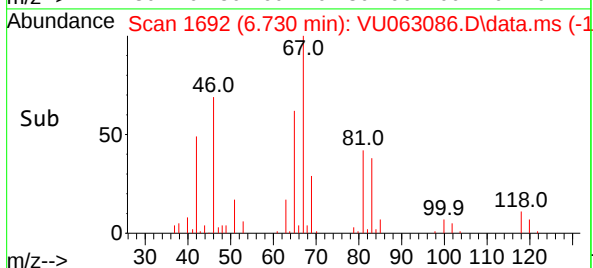
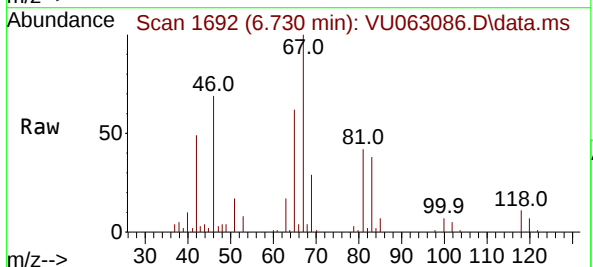


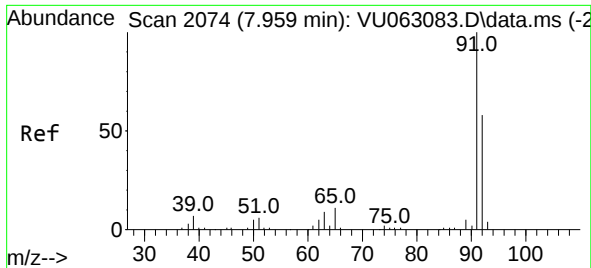
Tgt Ion: 83 Resp: 7521
Ion Ratio Lower Upper
83 100
55 2.2 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.730 min Scan# 1692
Delta R.T. -0.048 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Tgt Ion: 63 Resp: 3164
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

Toluene

Concen: 4.649 ug/L

RT: 7.984 min Scan# 2074

Delta R.T. 0.026 min

Lab File: VU063086.D

Acq: 29 Jan 2025 11:59

Instrument :

MSVOA_U

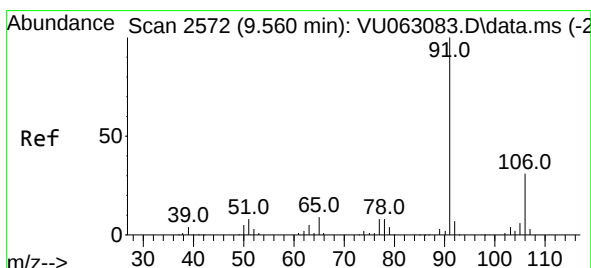
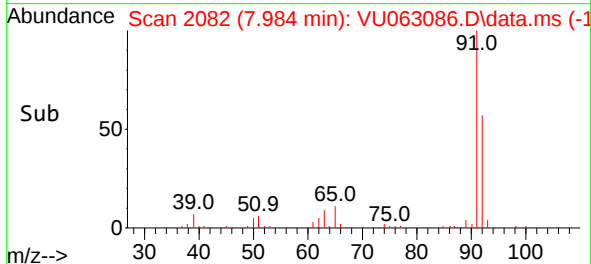
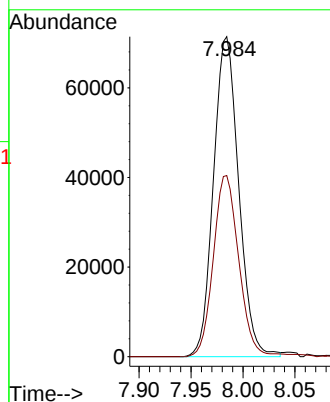
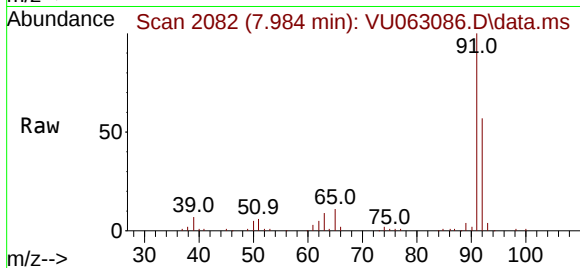
ClientSampleId :

Tgt Ion: 91 Resp: 120631

Ion Ratio Lower Upper

91 100

92 56.6 40.4 75.0



#52

Ethylbenzene

Concen: 1.771 ug/L

RT: 9.569 min Scan# 2575

Delta R.T. 0.010 min

Lab File: VU063086.D

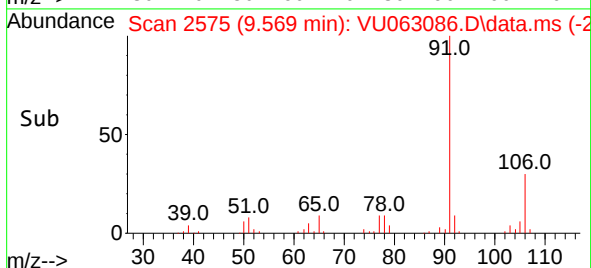
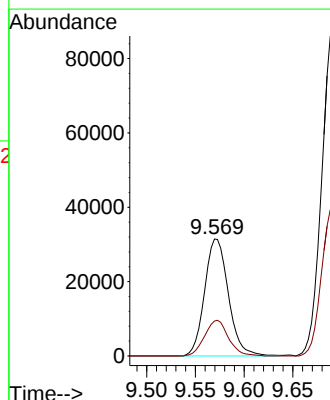
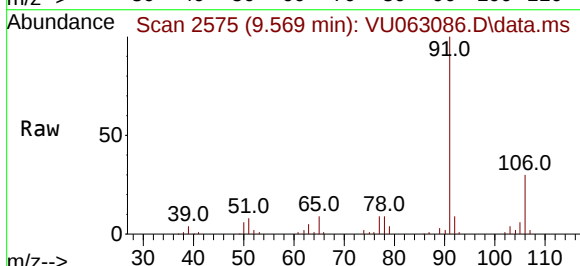
Acq: 29 Jan 2025 11:59

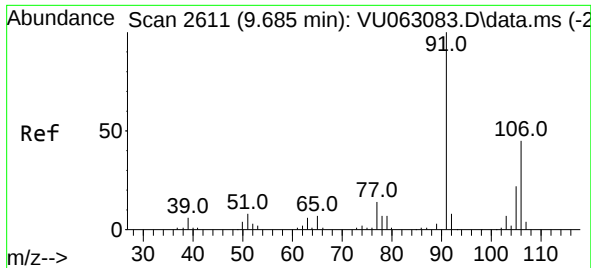
Tgt Ion: 91 Resp: 53562

Ion Ratio Lower Upper

91 100

106 29.8 21.9 40.7

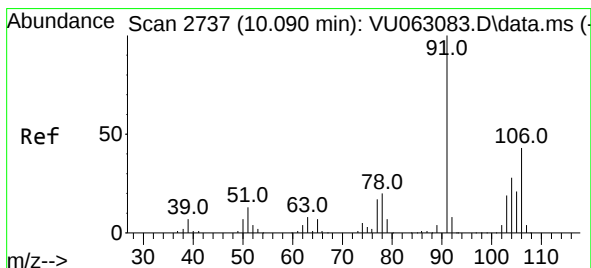
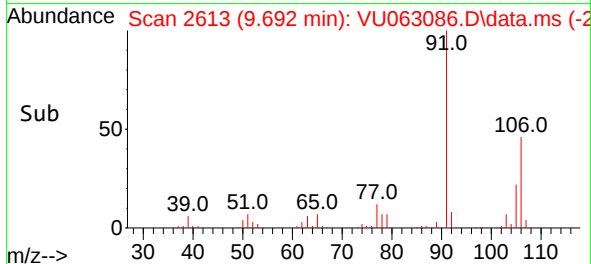
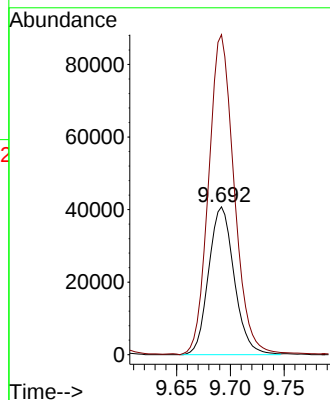
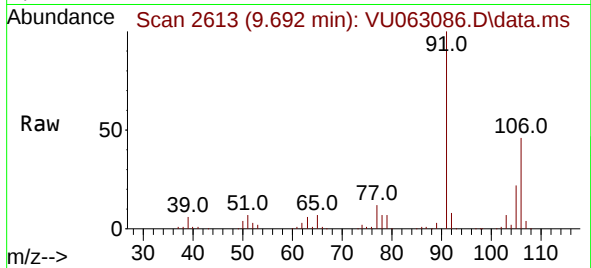




#53
m,p-Xylene
Concen: 5.768 ug/L
RT: 9.692 min Scan# 2611
Delta R.T. 0.006 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

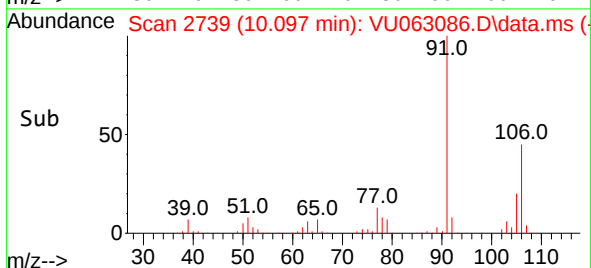
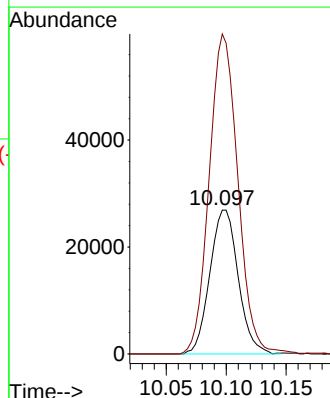
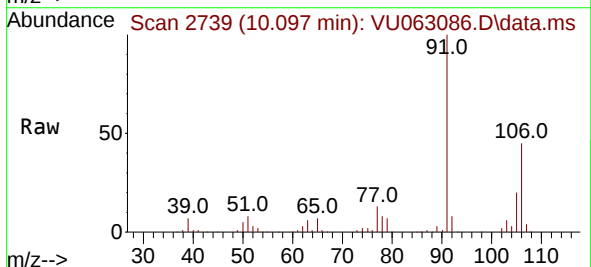
Instrument :
MSVOA_U
ClientSampleId :

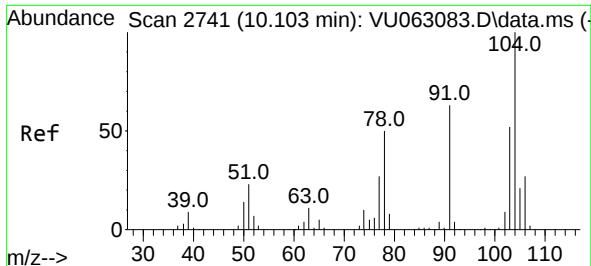
Tgt Ion:106 Resp: 67360
Ion Ratio Lower Upper
106 100
91 216.5 153.1 284.3



#54
o-Xylene
Concen: 4.133 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Tgt Ion:106 Resp: 44222
Ion Ratio Lower Upper
106 100
91 222.5 160.4 297.8

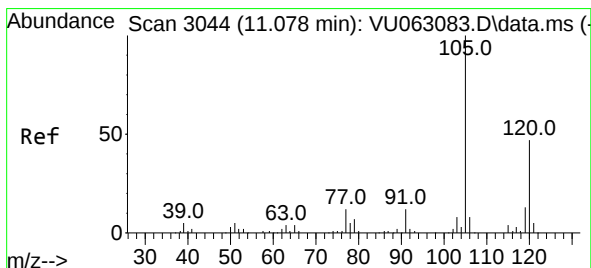
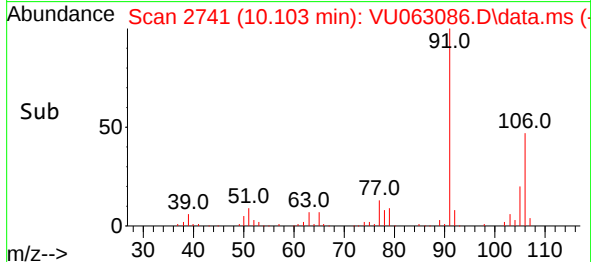
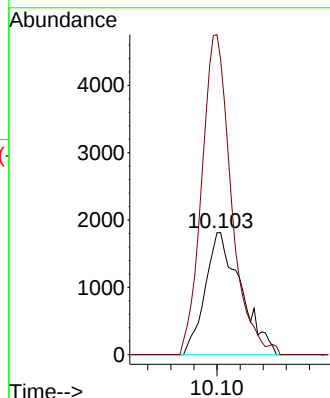
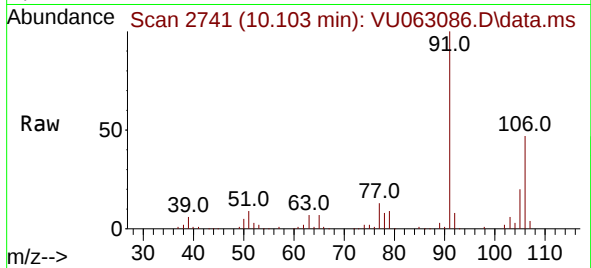




#55
Styrene
Concen: 0.215 ug/L
RT: 10.103 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

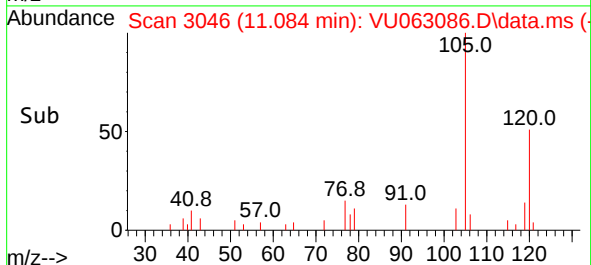
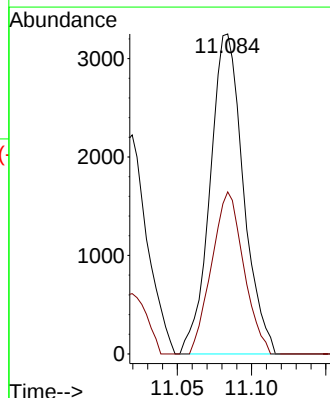
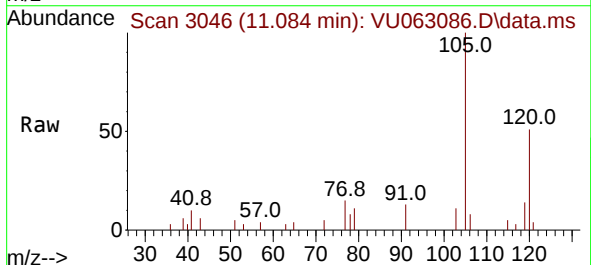
Instrument :
MSVOA_U
ClientSampleId :

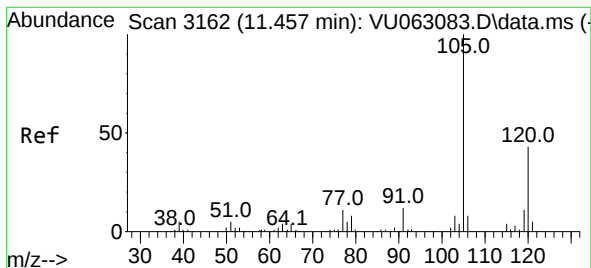
Tgt Ion:104 Resp: 3886
Ion Ratio Lower Upper
104 100
78 241.3 35.5 65.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.162 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.006 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Tgt Ion:105 Resp: 5072
Ion Ratio Lower Upper
105 100
120 48.7 35.9 53.9





#63

1,2,4-Trimethylbenzene

Concen: 0.448 ug/L

RT: 11.463 min Scan# 3162

Delta R.T. 0.006 min

Lab File: VU063086.D

Acq: 29 Jan 2025 11:59

Instrument :

MSVOA_U

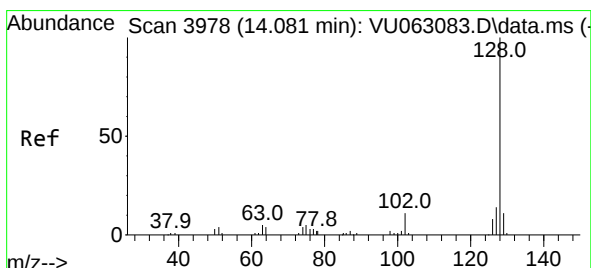
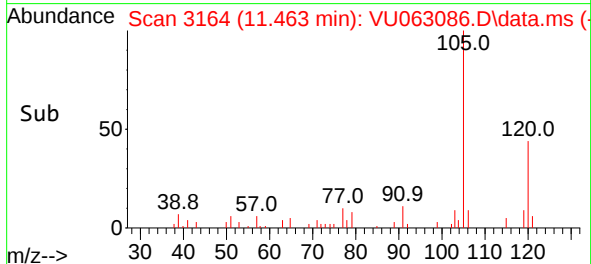
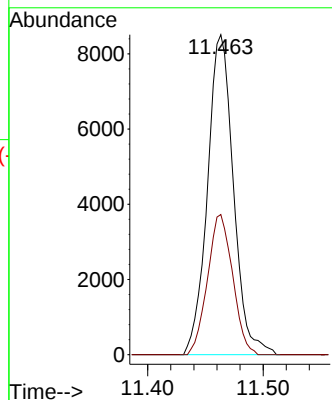
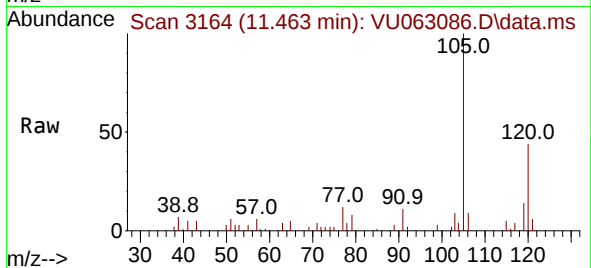
ClientSampleId :

Tgt Ion:105 Resp: 13288

Ion Ratio Lower Upper

105 100

120 42.3 34.2 51.2



#71

Naphthalene

Concen: 69.674 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU063086.D

Acq: 29 Jan 2025 11:59

Tgt Ion:128 Resp: 1015623

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.1 10.2 15.2

