

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063066.D
 Acq On : 28 Jan 2025 14:43
 Operator : MD/SY
 Sample : Q1195-15DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:40:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

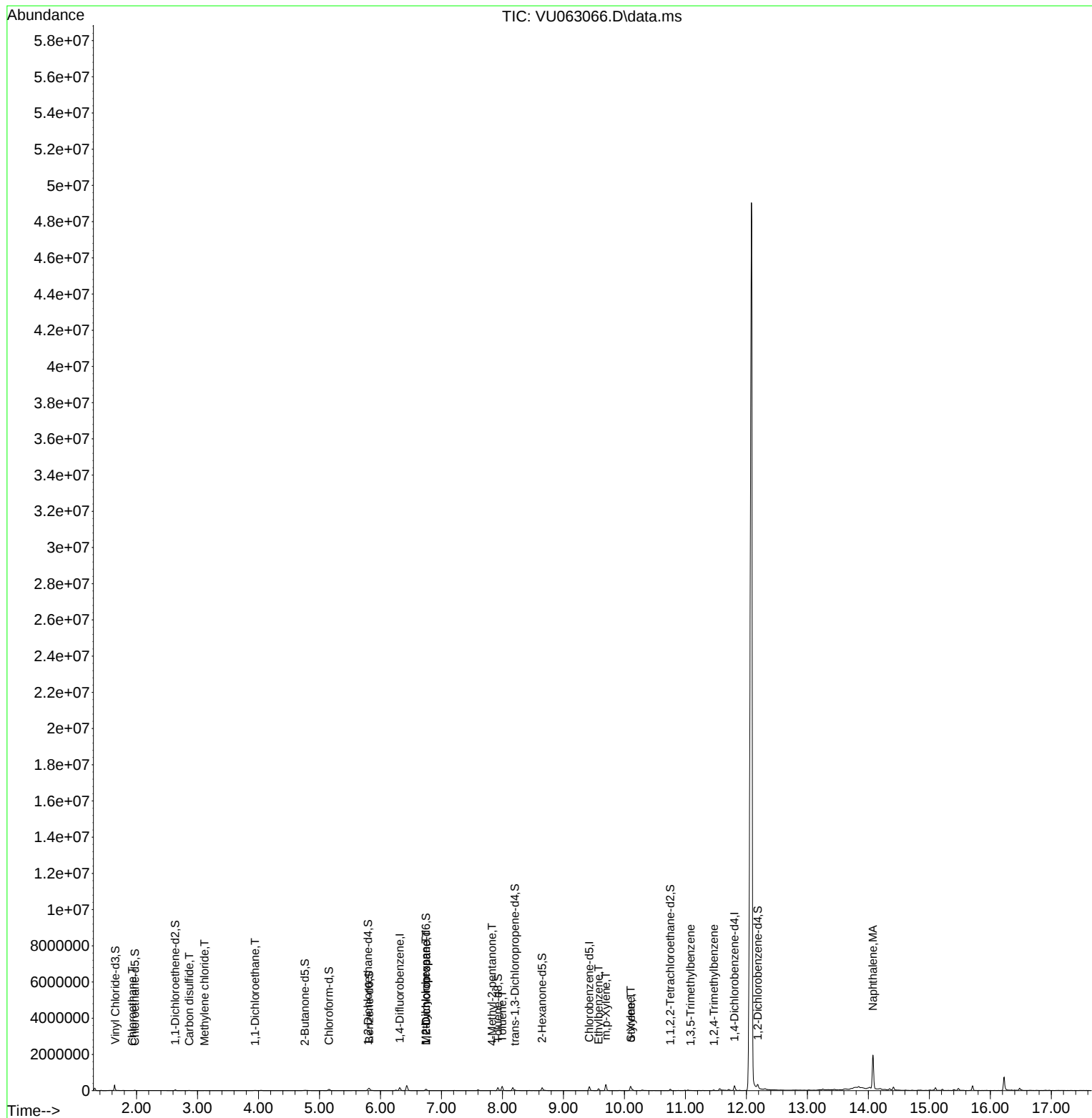
Internal Standards						
1) 1,4-Difluorobenzene	6.316	114	130438	5.000	ug/L	0.08
28) Chlorobenzene-d5	9.425	117	118852	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.804	152	70109	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.653	65	14507	3.094	ug/L	0.06
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.972	69	12580	3.534	ug/L	0.07
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.634	65	8983	3.203	ug/L	0.08
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.759	46	35353	25.978	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.960%
24) Chloroform-d	5.155	84	70781	3.800	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.795	65	42156	3.965	ug/L	0.11
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	5.814	84	114809	4.227	ug/L	0.10
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.747	67	32915	4.760	ug/L	0.07
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.927	98	110324	4.108	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.203	79	19260	4.499	ug/L	0.03
46) 2-Hexanone-d5	8.650	63	63666	59.601	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	32249	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50887	4.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						Qvalue
8) Chloroethane	1.930	64	595	0.188	ug/L #	44
14) Carbon disulfide	2.866	76	17732	1.021	ug/L	99
16) Methylene chloride	3.116	84	1506	0.211	ug/L #	78
19) 1,1-Dichloroethane	3.946	63	11204	0.891	ug/L #	87
35) Methylcyclohexane	6.743	83	9529	0.773	ug/L #	24
37) 1,2-Dichloropropane	6.750	63	4807	0.742	ug/L #	85
40) 4-Methyl-2-pentanone	7.830	43	6338	2.029	ug/L #	79
42) Toluene	7.997	91	170330	4.977	ug/L	97
52) Ethylbenzene	9.576	91	74072	1.857	ug/L	98
53) m,p-Xylene	9.695	106	92989	6.037	ug/L	100
54) o-Xylene	10.103	106	61782	4.378	ug/L	99
55) Styrene	10.106	104	6013	0.252	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.087	105	6775	0.174	ug/L	96
63) 1,2,4-Trimethylbenzene	11.467	105	18679	0.507	ug/L	95
71) Naphthalene	14.077	128	1470986	81.293	ug/L	99

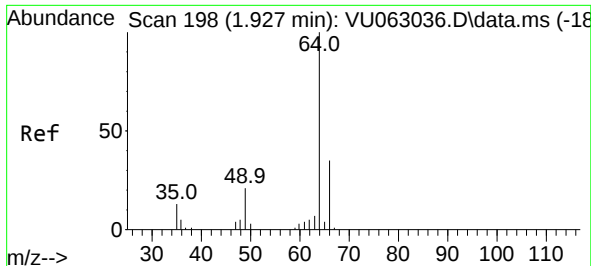
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
Data File : VU063066.D
Acq On : 28 Jan 2025 14:43
Operator : MD/SY
Sample : Q1195-15DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

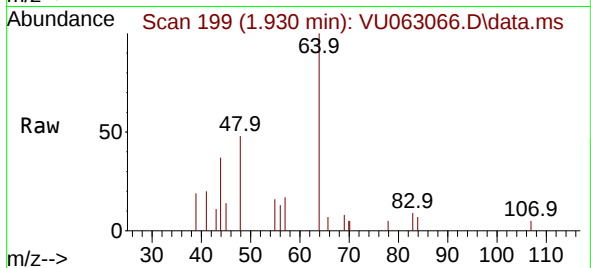
Quant Time: Jan 29 08:40:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration



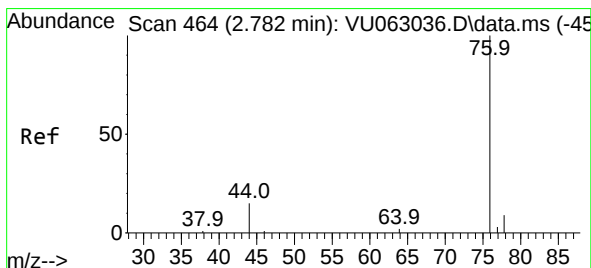
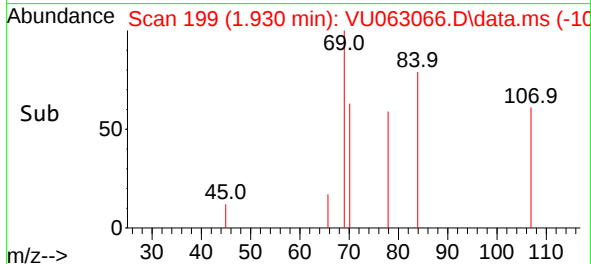
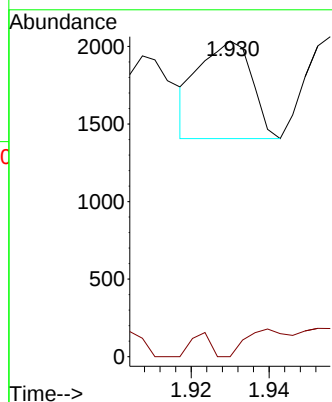


#8
Chloroethane
Concen: 0.188 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.007 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

Instrument :
MSVOA_U
ClientSampleId :

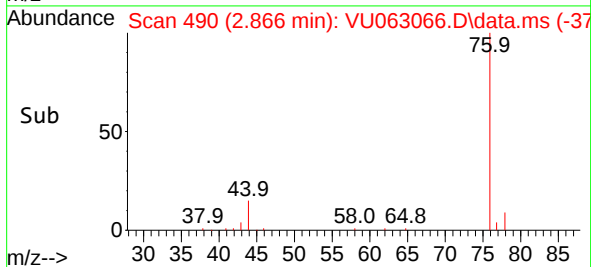
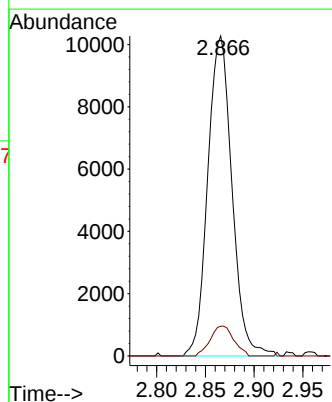
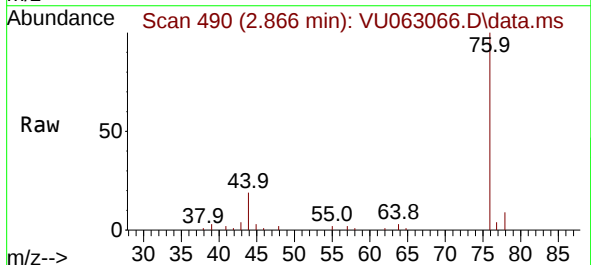


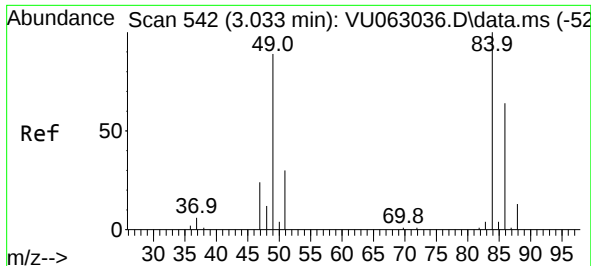
Tgt Ion: 64 Resp: 595
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#



#14
Carbon disulfide
Concen: 1.021 ug/L
RT: 2.866 min Scan# 490
Delta R.T. 0.084 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

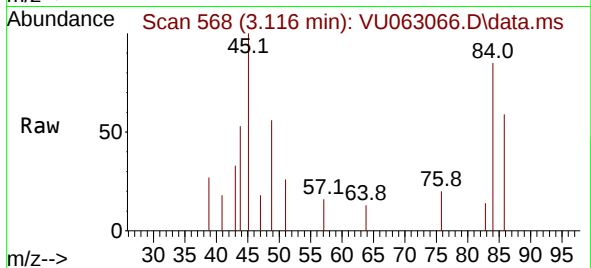
Tgt Ion: 76 Resp: 17732
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



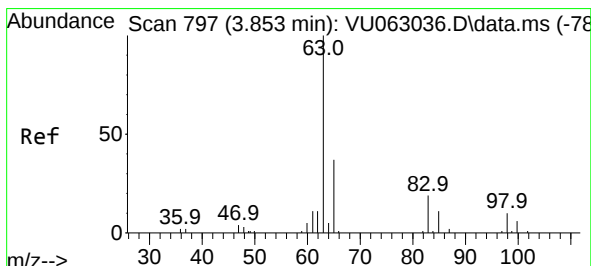
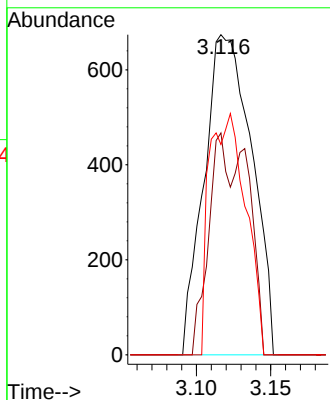
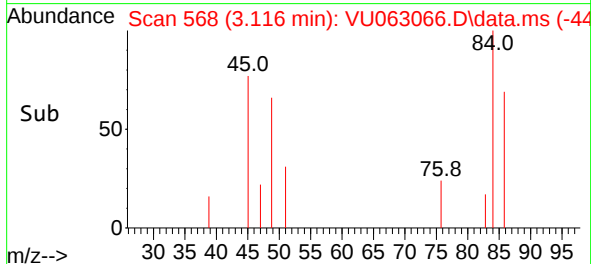


#16
Methylene chloride
Concen: 0.211 ug/L
RT: 3.116 min Scan# 50
Delta R.T. 0.084 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

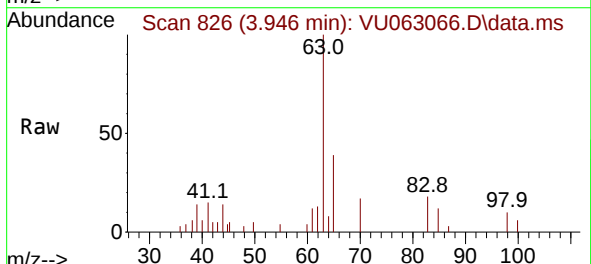
Instrument :
MSVOA_U
ClientSampleId :



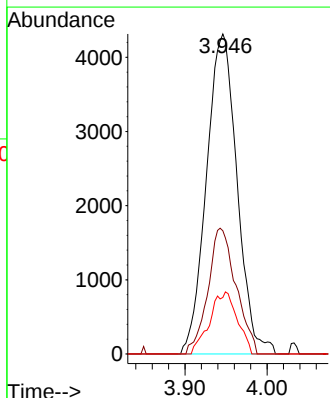
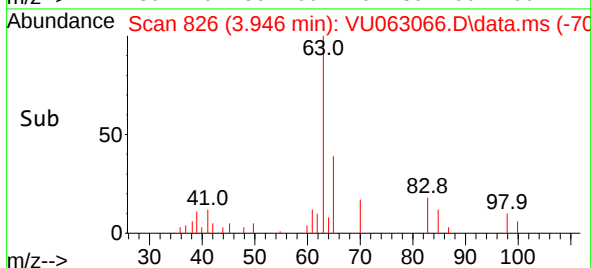
Tgt Ion: 84 Resp: 1506
Ion Ratio Lower Upper
84 100
86 69.3 44.7 83.1
49 65.7 68.3 126.9#

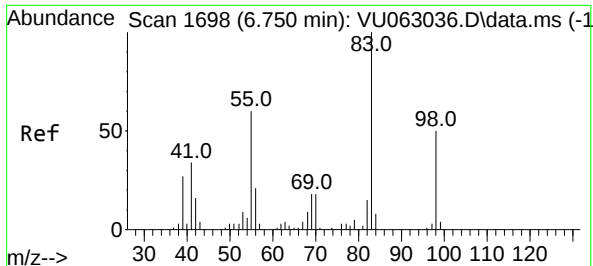


#19
1,1-Dichloroethane
Concen: 0.891 ug/L
RT: 3.946 min Scan# 826
Delta R.T. 0.093 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43



Tgt Ion: 63 Resp: 11204
Ion Ratio Lower Upper
63 100
65 38.5 20.7 38.5#
83 17.7 10.5 19.5

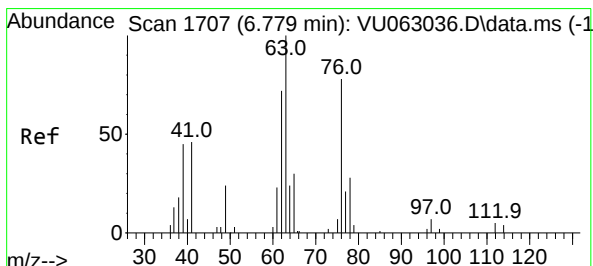
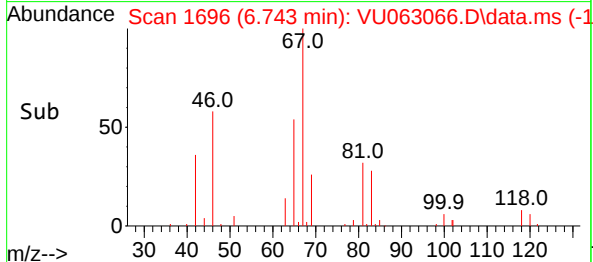
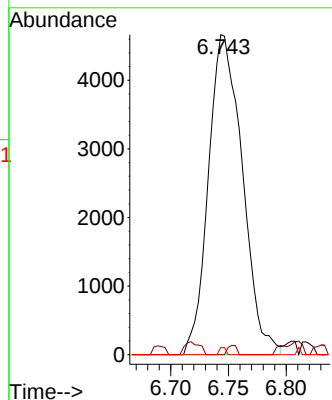
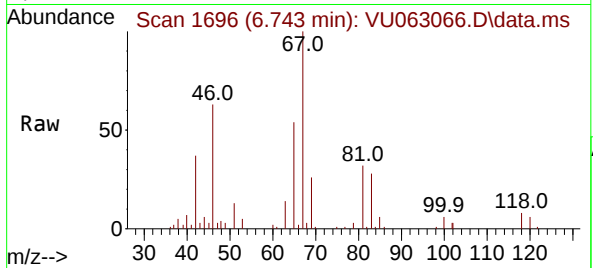




#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.743 min Scan# 1696
Delta R.T. -0.010 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

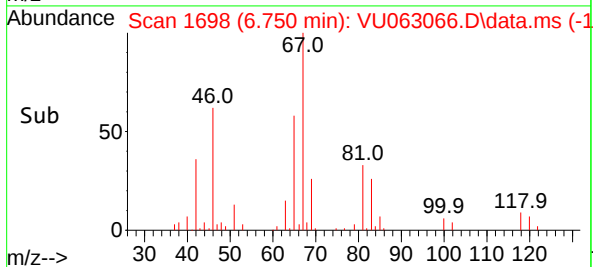
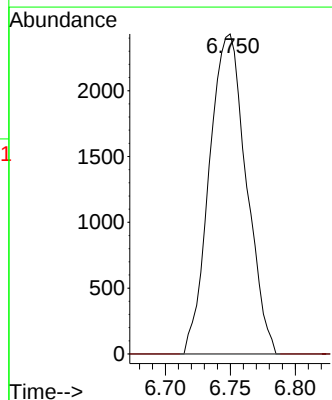
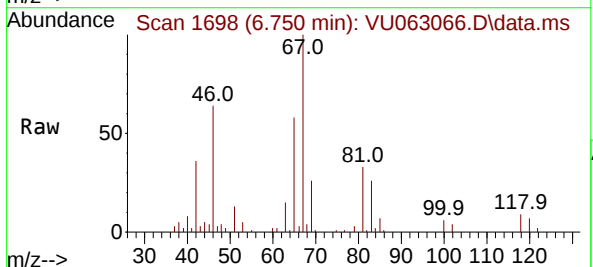
Instrument :
MSVOA_U
ClientSampleId :

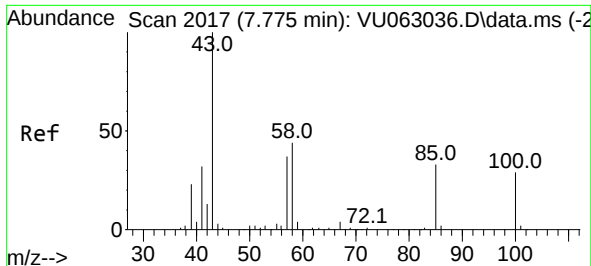
Tgt Ion: 83 Resp: 9529
Ion Ratio Lower Upper
83 100
55 5.2 57.2 85.8#
98 0.4 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.029 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

Tgt Ion: 63 Resp: 4807
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#40

4-Methyl-2-pentanone

Concen: 2.029 ug/L

RT: 7.830 min Scan# 2017

Delta R.T. 0.055 min

Lab File: VU063066.D

Acq: 28 Jan 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

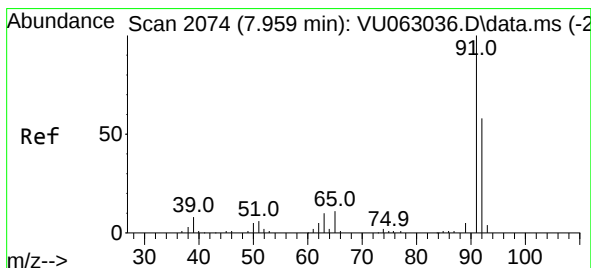
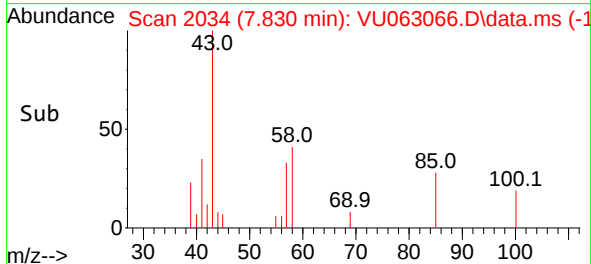
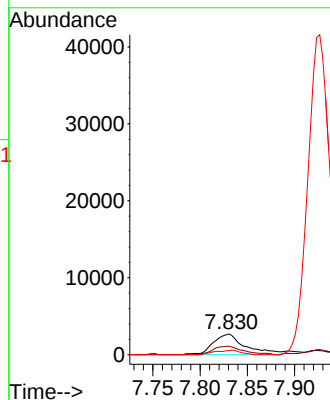
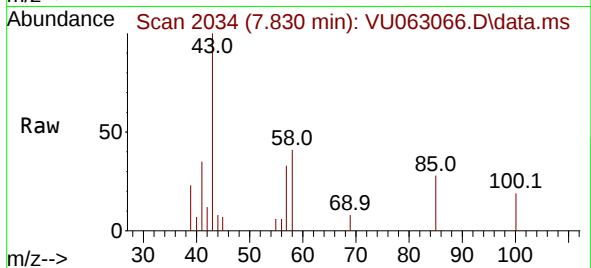
Tgt Ion: 43 Resp: 6338

Ion Ratio Lower Upper

43 100

58 38.5 35.8 53.8

100 0.0 16.8 25.2#



#42

Toluene

Concen: 4.977 ug/L

RT: 7.997 min Scan# 2086

Delta R.T. 0.039 min

Lab File: VU063066.D

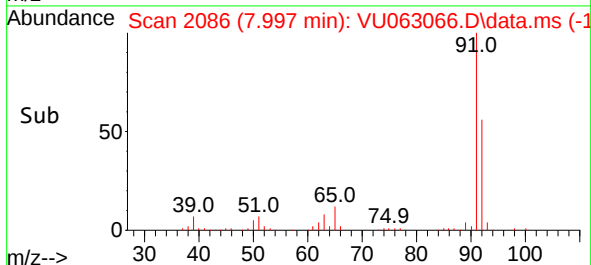
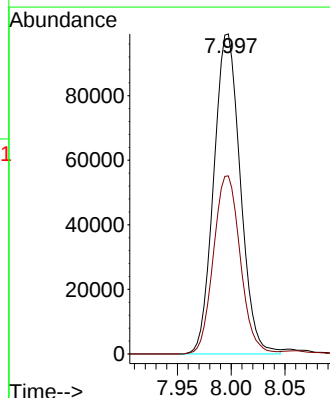
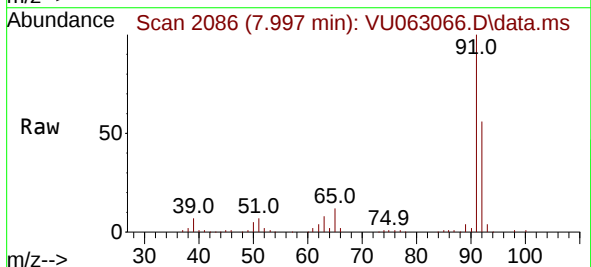
Acq: 28 Jan 2025 14:43

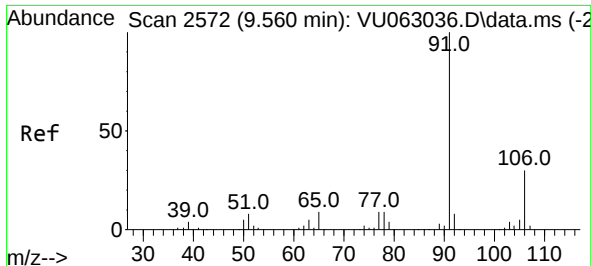
Tgt Ion: 91 Resp: 170330

Ion Ratio Lower Upper

91 100

92 55.7 40.4 75.0

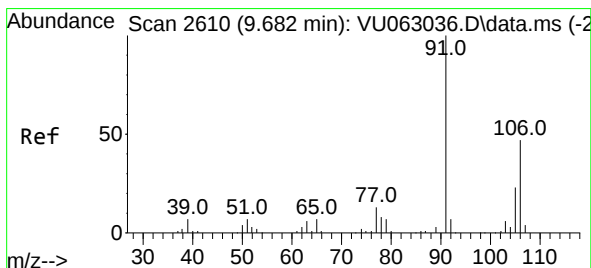
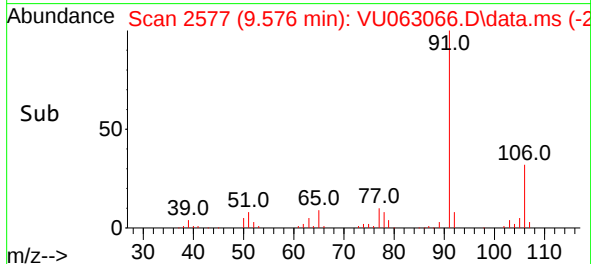
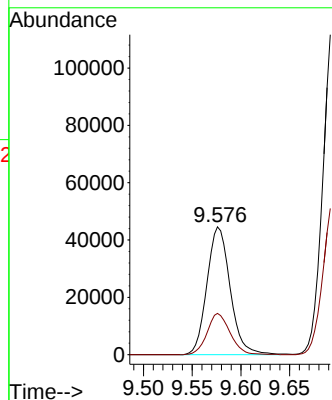
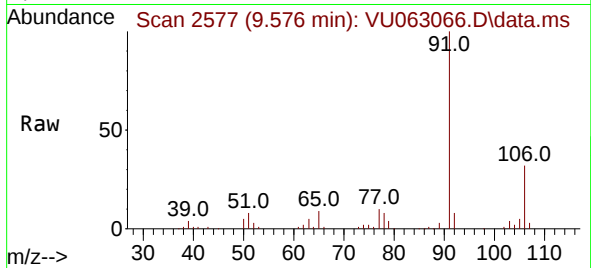




#52
Ethylbenzene
Concen: 1.857 ug/L
RT: 9.576 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

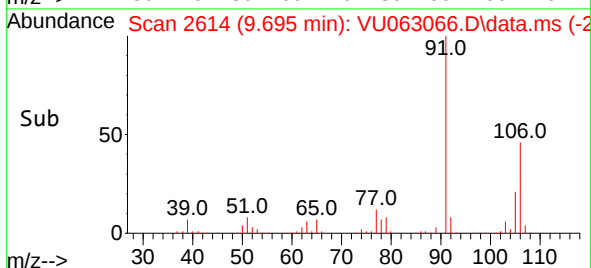
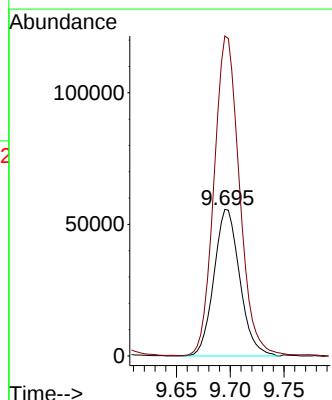
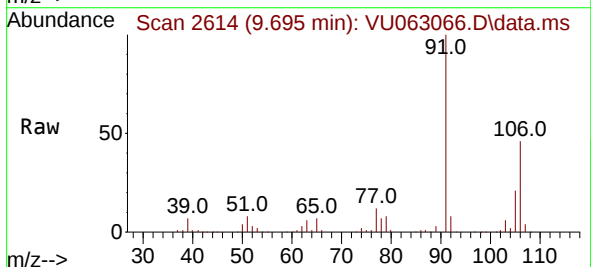
Instrument :
MSVOA_U
ClientSampleId :

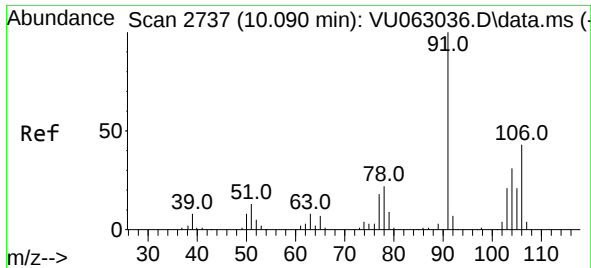
Tgt Ion: 91 Resp: 74072
Ion Ratio Lower Upper
91 100
106 32.3 21.9 40.7



#53
m,p-Xylene
Concen: 6.037 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.010 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

Tgt Ion:106 Resp: 92989
Ion Ratio Lower Upper
106 100
91 218.3 153.1 284.3

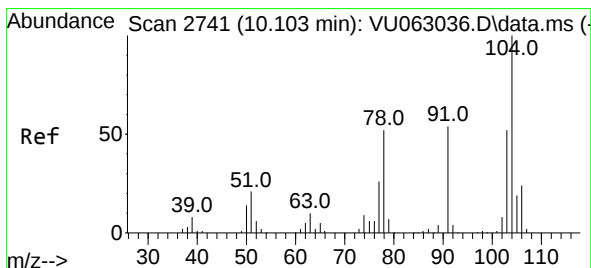
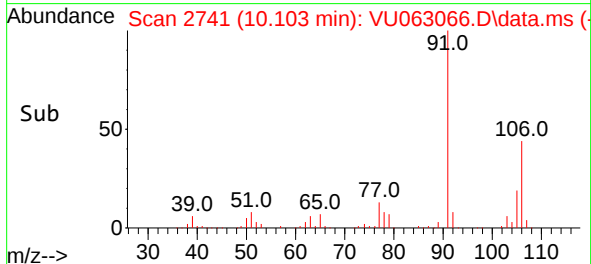
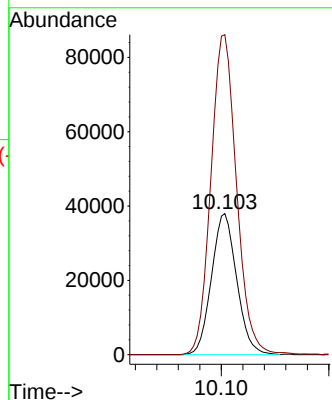
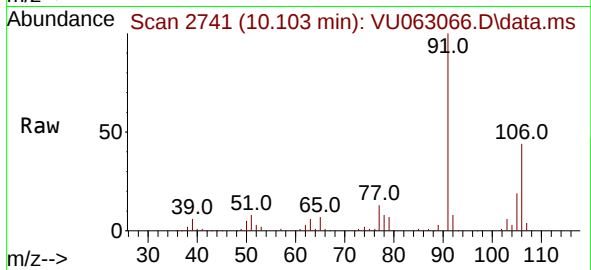




#54
o-Xylene
Concen: 4.378 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

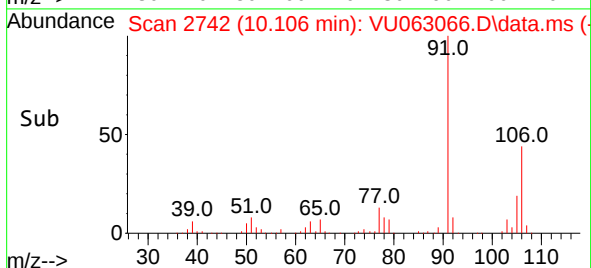
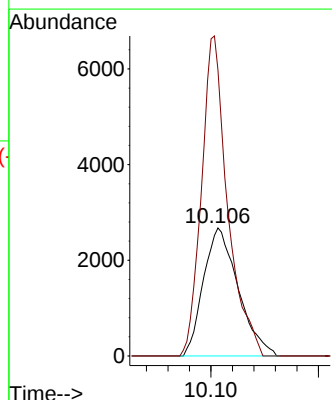
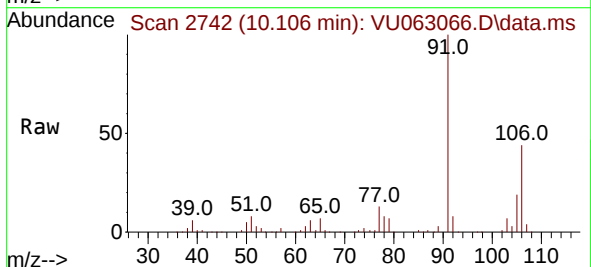
Instrument :
MSVOA_U
ClientSampleId :

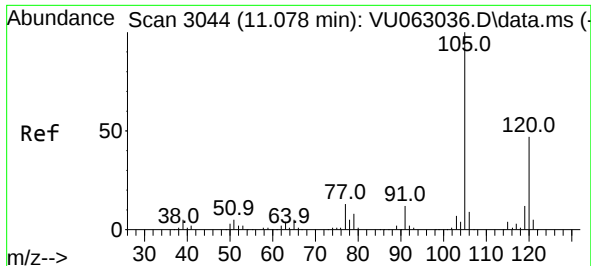
Tgt Ion:106 Resp: 61782
Ion Ratio Lower Upper
106 100
91 226.8 160.4 297.8



#55
Styrene
Concen: 0.252 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

Tgt Ion:104 Resp: 6013
Ion Ratio Lower Upper
104 100
78 223.4 35.5 65.9#

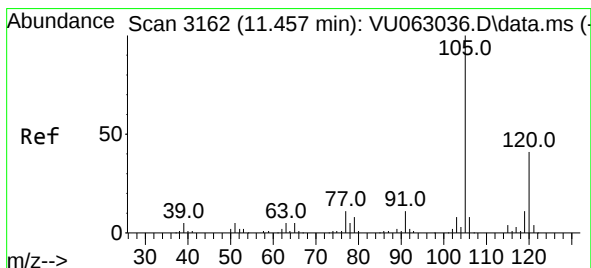
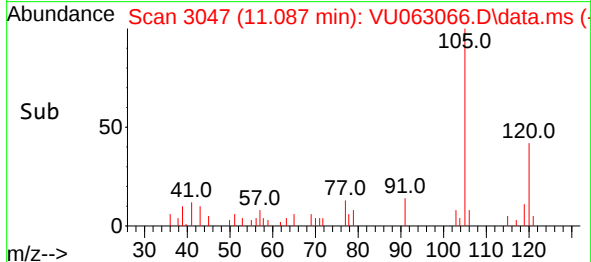
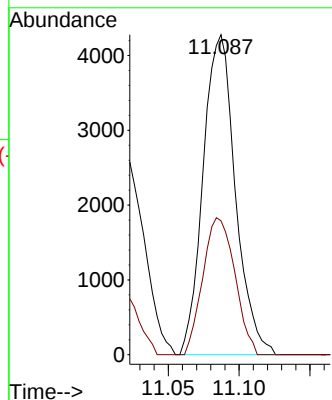
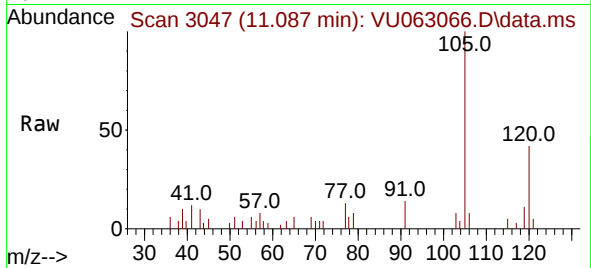




#62
1,3,5-Trimethylbenzene
Concen: 0.174 ug/L
RT: 11.087 min Scan# 3044
Delta R.T. 0.010 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

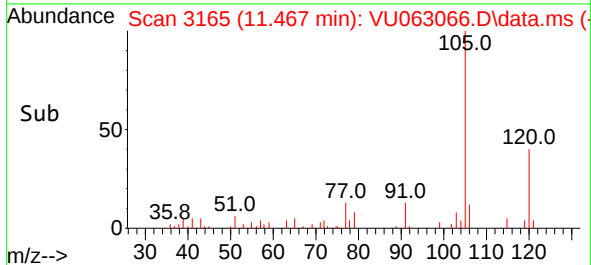
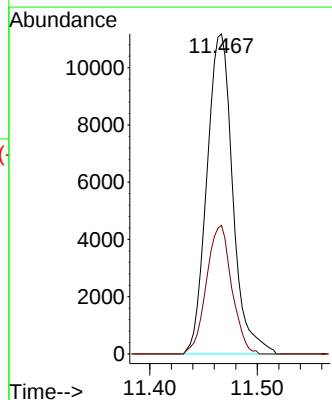
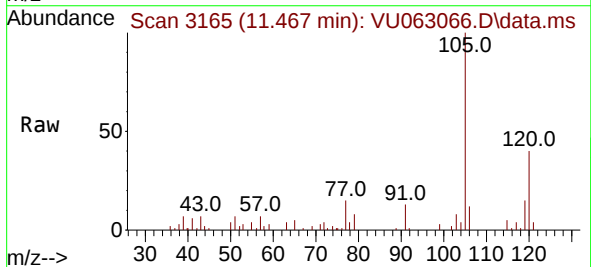
Instrument :
MSVOA_U
ClientSampleId :

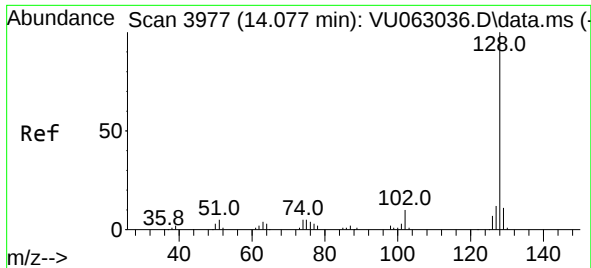
Tgt Ion:105 Resp: 6775
Ion Ratio Lower Upper
105 100
120 42.3 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 0.507 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.010 min
Lab File: VU063066.D
Acq: 28 Jan 2025 14:43

Tgt Ion:105 Resp: 18679
Ion Ratio Lower Upper
105 100
120 39.2 34.2 51.2





#71

Naphthalene

Concen: 81.293 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

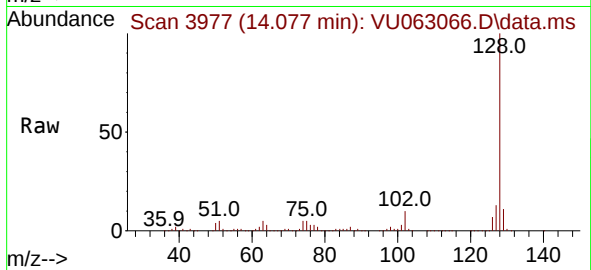
Lab File: VU063066.D

Acq: 28 Jan 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1470986

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.2 15.2

