

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063195.D
 Acq On : 06 Feb 2025 14:57
 Operator : MD/SY
 Sample : Q1226-21DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:30:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 07 07:28:28 2025
 Response via : Initial Calibration

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

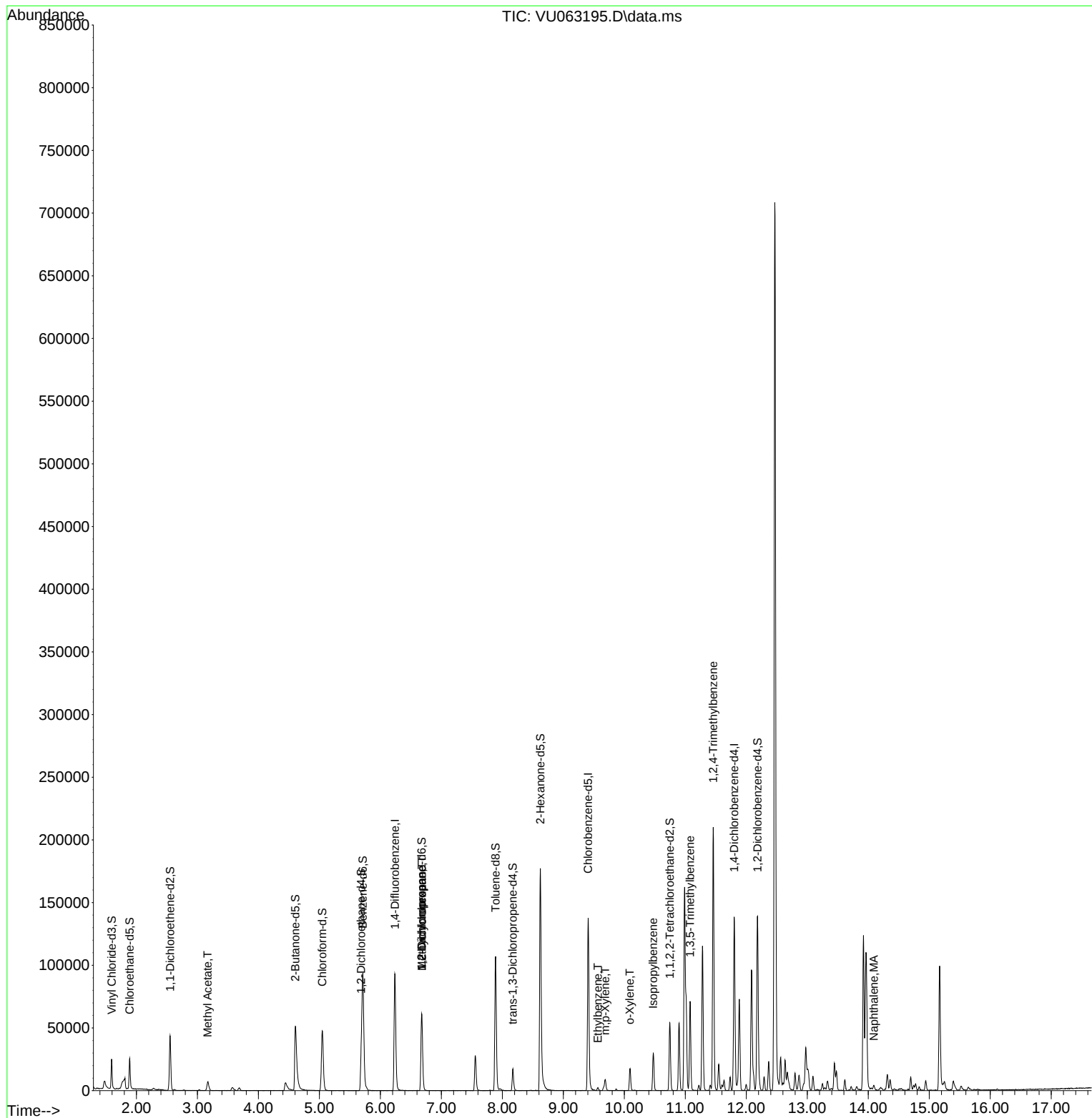
Internal Standards						
1) 1,4-Difluorobenzene	6.236	114	77755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	75647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	36518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	17561	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.888	69	18447	4.469	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.551	65	8422	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.605	46	78889	53.880	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.760%
24) Chloroform-d	5.046	84	46185	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.686	65	25352	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.711	84	88708	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.676	67	30737	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.888	98	74082	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.171	79	10290	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.621	63	61047	49.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	28267	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	30098	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.168	43	575	0.228	ug/L #	51
35) Methylcyclohexane	6.679	83	6801	0.718	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	3281	0.494	ug/L #	90
52) Ethylbenzene	9.563	91	2388	0.088	ug/L	97
53) m,p-Xylene	9.686	106	2709	0.276	ug/L	94
54) o-Xylene	10.091	106	5047	0.518	ug/L	91
60) Isopropylbenzene	10.473	105	19364	0.747	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	38557	1.885	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	115660	5.880	ug/L	100
71) Naphthalene	14.091	128	3856	0.372	ug/L	99

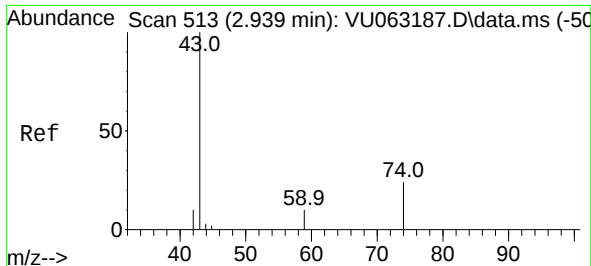
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.228 ug/L

RT: 3.168 min Scan# 513

Delta R.T. 0.229 min

Lab File: VU063195.D

Acq: 06 Feb 2025 14:57

Instrument :

MSVOA_U

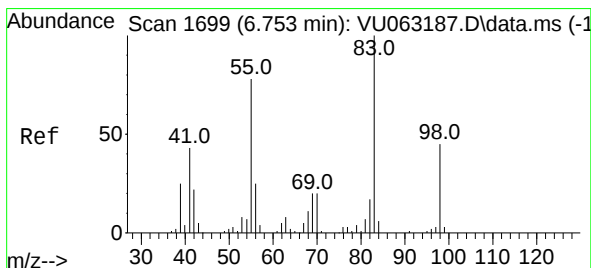
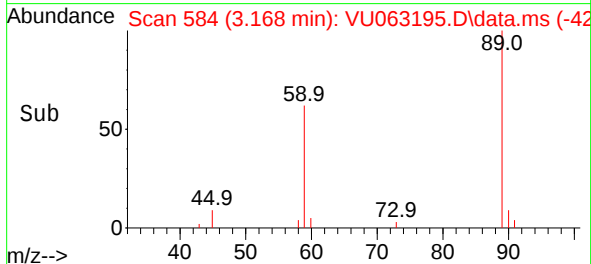
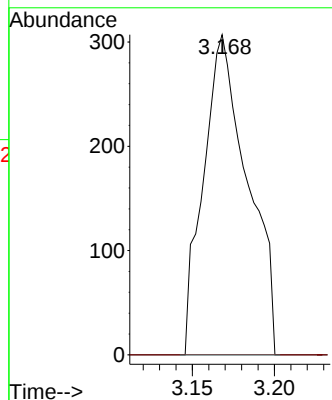
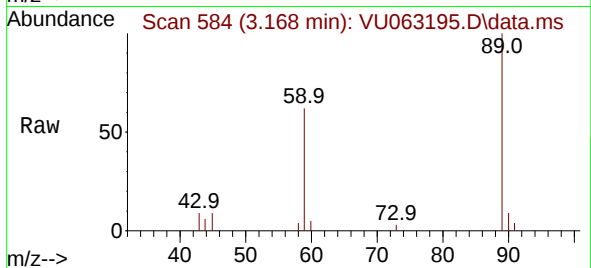
ClientSampleId :

Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU063195.D

Acq: 06 Feb 2025 14:57

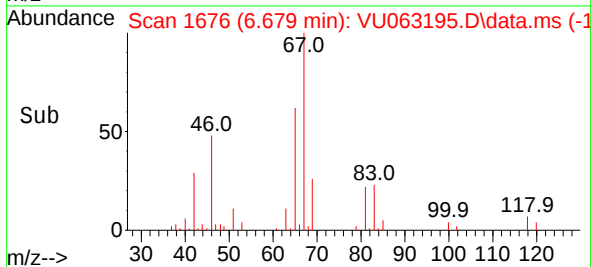
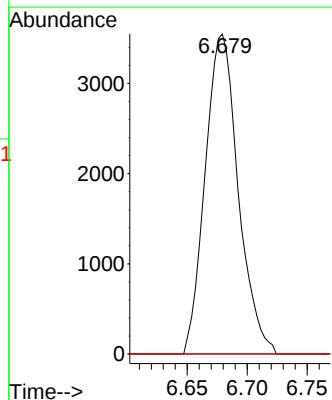
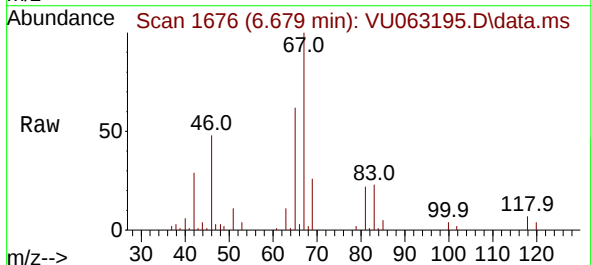
Tgt Ion: 83 Resp: 6801

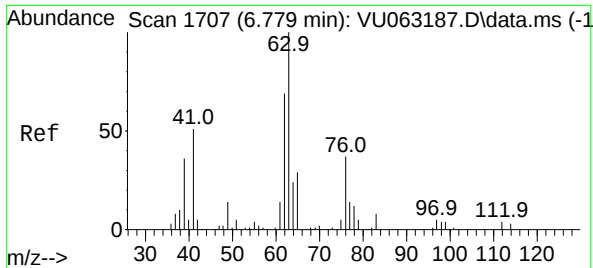
Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.0 36.0 54.0#

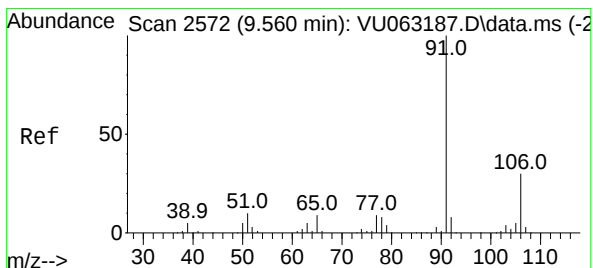
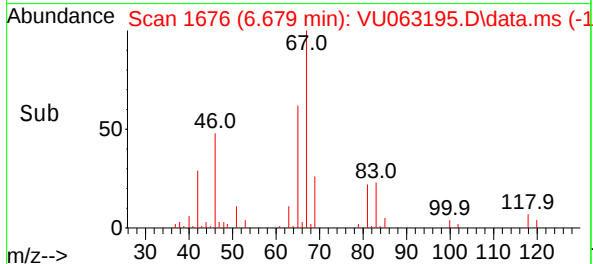
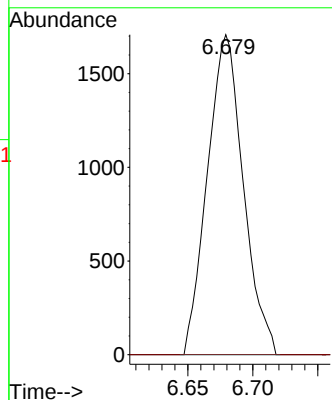
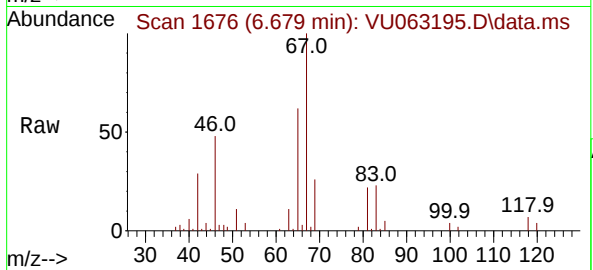




#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU063195.D
Acq: 06 Feb 2025 14:57

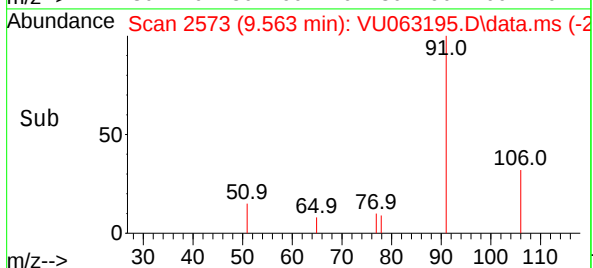
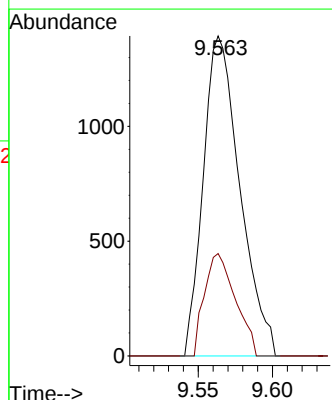
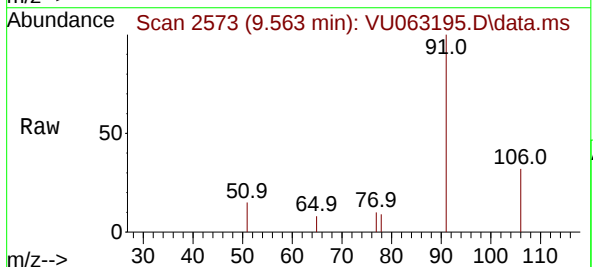
Instrument :
MSVOA_U
ClientSampleId :

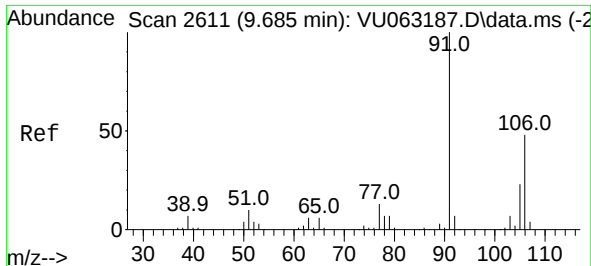
Tgt Ion: 63 Resp: 3281
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#52
Ethylbenzene
Concen: 0.088 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.004 min
Lab File: VU063195.D
Acq: 06 Feb 2025 14:57

Tgt Ion: 91 Resp: 2388
Ion Ratio Lower Upper
91 100
106 32.0 21.3 39.6





#53

m,p-Xylene

Concen: 0.276 ug/L

RT: 9.686 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063195.D

Acq: 06 Feb 2025 14:57

Instrument :

MSVOA_U

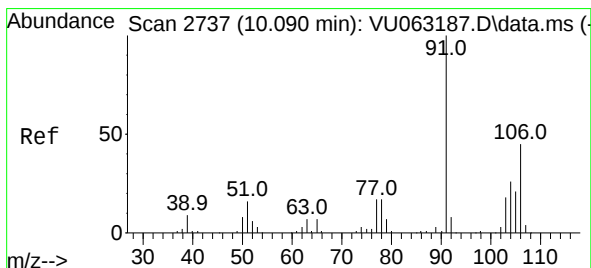
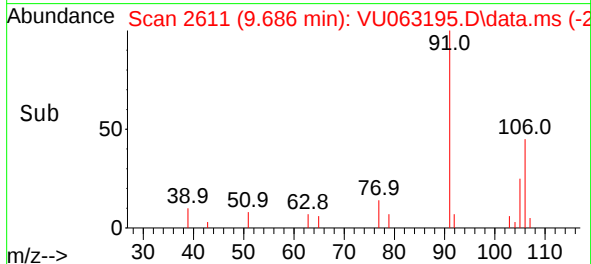
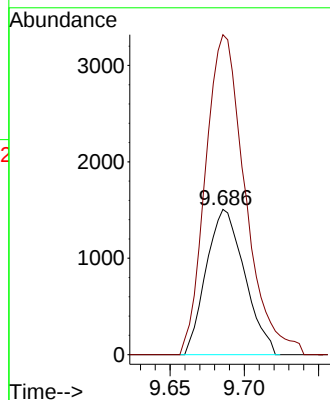
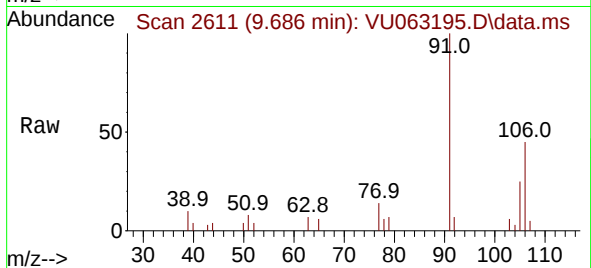
ClientSampleId :

Tgt Ion:106 Resp: 2709

Ion Ratio Lower Upper

106 100

91 220.4 147.3 273.6



#54

o-Xylene

Concen: 0.518 ug/L

RT: 10.091 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063195.D

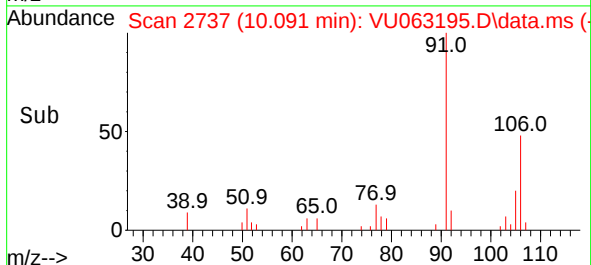
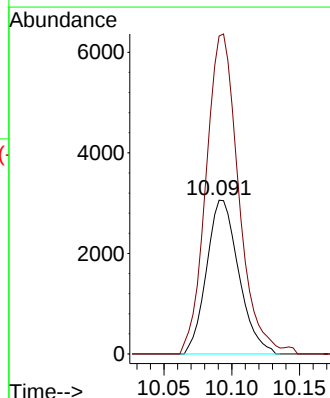
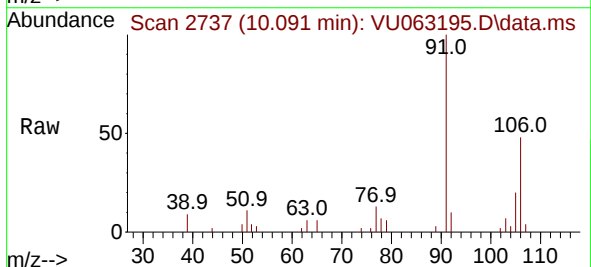
Acq: 06 Feb 2025 14:57

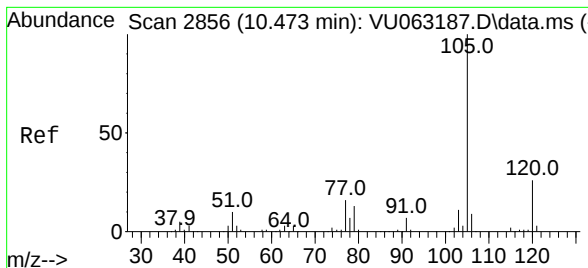
Tgt Ion:106 Resp: 5047

Ion Ratio Lower Upper

106 100

91 206.9 155.4 288.6





#60

Isopropylbenzene

Concen: 0.747 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063195.D

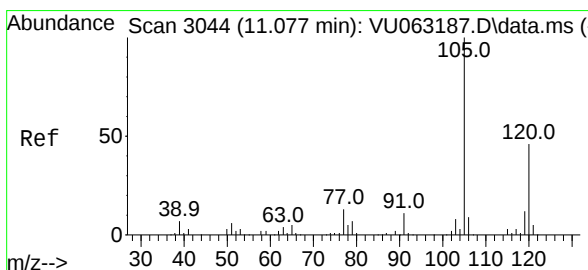
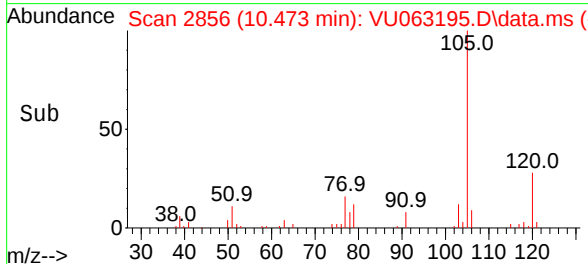
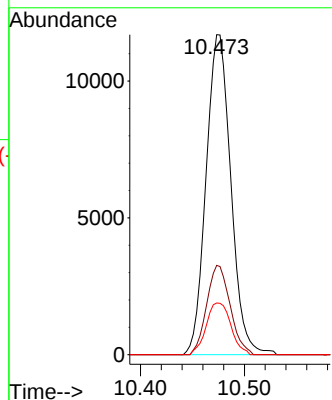
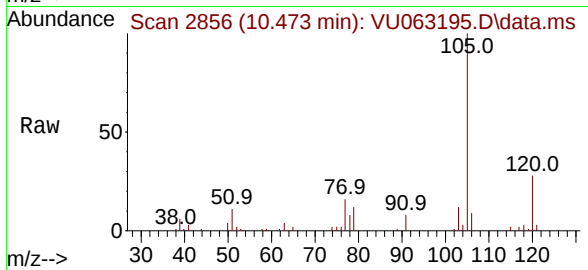
Acq: 06 Feb 2025 14:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	19364
Ion Ratio	Lower	Upper
105	100	
120	26.4	20.8 31.2
77	16.1	13.3 19.9



#62

1,3,5-Trimethylbenzene

Concen: 1.885 ug/L

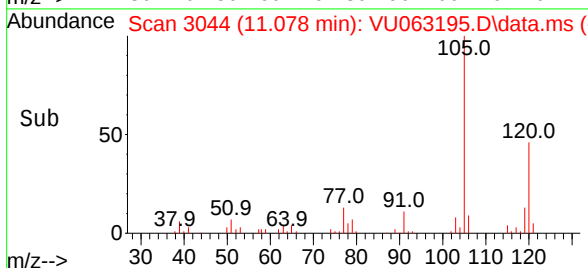
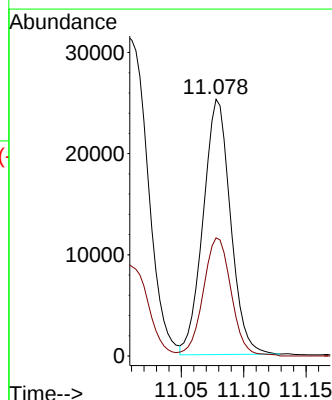
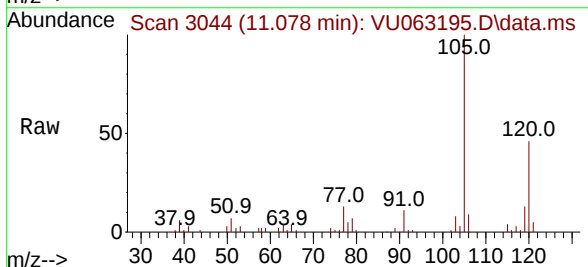
RT: 11.078 min Scan# 3044

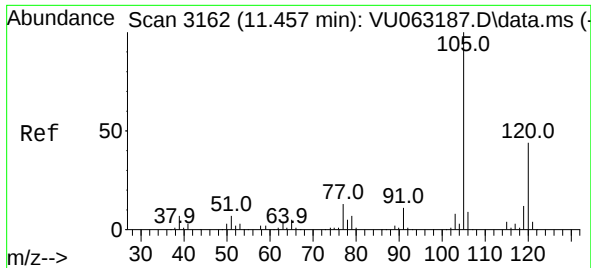
Delta R.T. 0.000 min

Lab File: VU063195.D

Acq: 06 Feb 2025 14:57

Tgt Ion:105	Resp:	38557
Ion Ratio	Lower	Upper
105	100	
120	47.3	37.8 56.8





#63

1,2,4-Trimethylbenzene

Concen: 5.880 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063195.D

Acq: 06 Feb 2025 14:57

Instrument :

MSVOA_U

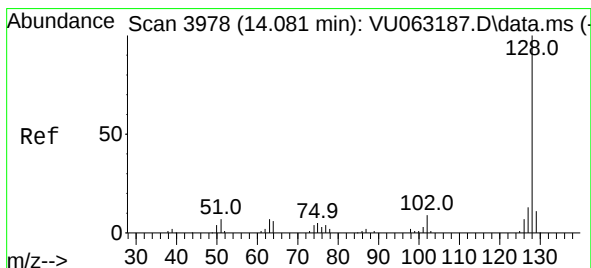
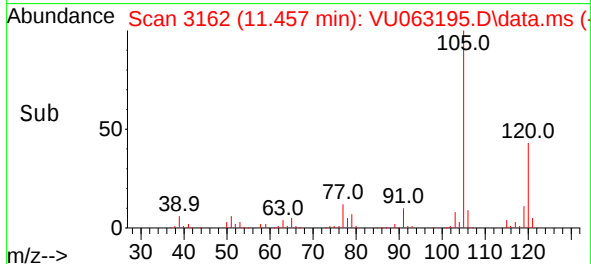
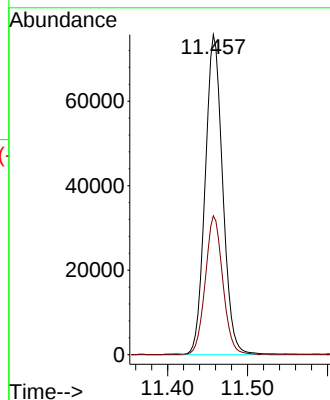
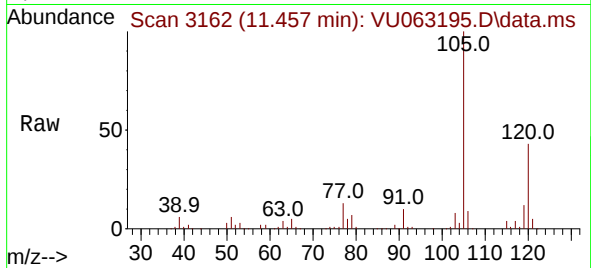
ClientSampleId :

Tgt Ion:105 Resp: 115660

Ion Ratio Lower Upper

105 100

120 43.3 34.7 52.1



#71

Naphthalene

Concen: 0.372 ug/L

RT: 14.091 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU063195.D

Acq: 06 Feb 2025 14:57

Tgt Ion:128 Resp: 3856

Ion Ratio Lower Upper

128 100

129 9.6 8.0 12.0

127 13.1 10.6 15.8

