

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063076.D
 Acq On : 28 Jan 2025 18:58
 Operator : MD/SY
 Sample : Q1195-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 08:43:13 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)

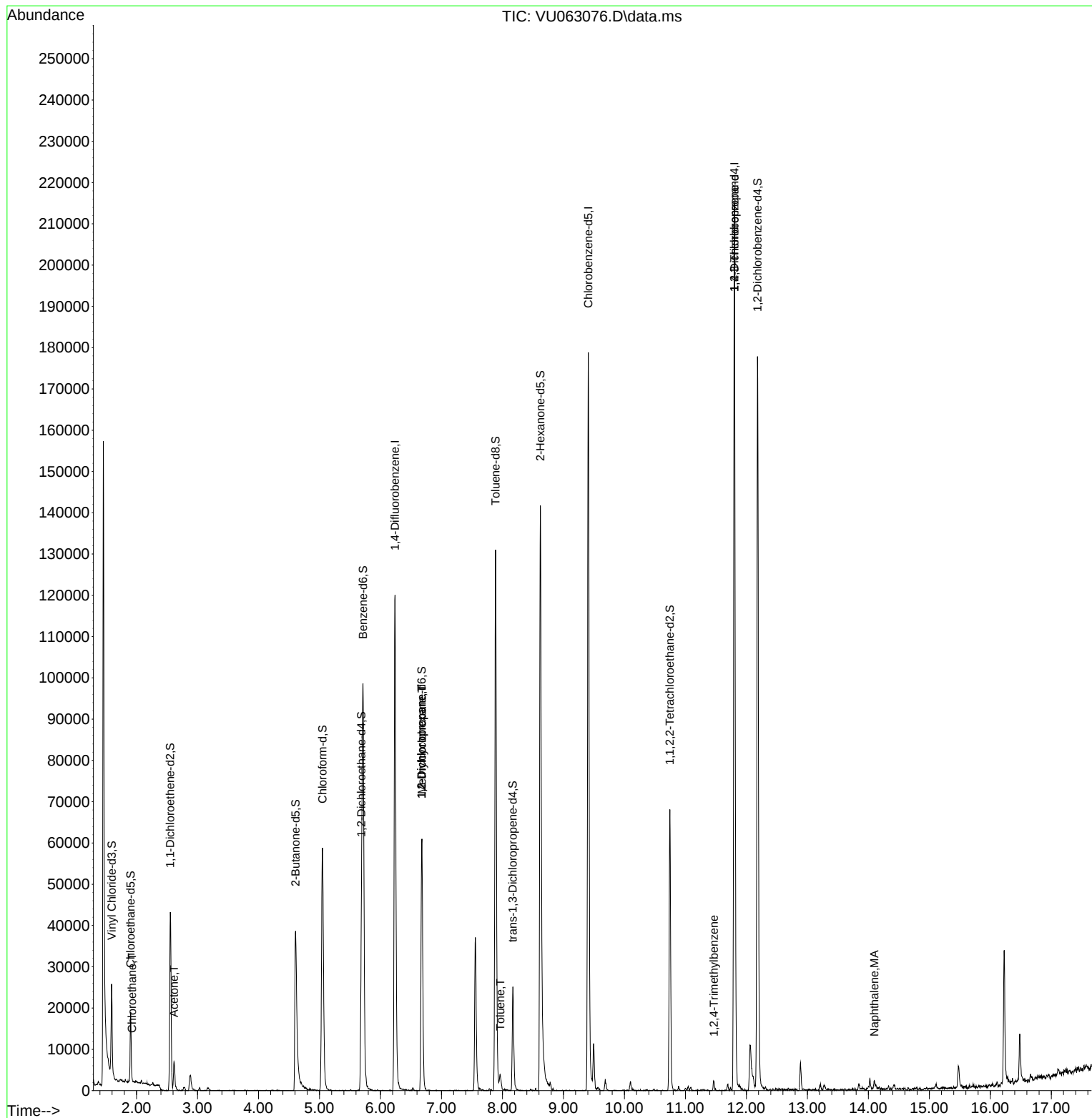
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	103491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	105449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13256	3.563	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.904	69	10685	3.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.554	65	8134	3.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.608	46	54271	50.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.520%
24) Chloroform-d	5.049	84	58348	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.689	65	35741	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.714	84	91420	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.676	67	24600	4.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.888	98	93142	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.171	79	15474	4.074	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	51332	54.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28667	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	50344	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.927	64	498	0.198	ug/L #	44
13) Acetone	2.615	43	7793	11.162	ug/L	94
35) Methylcyclohexane	6.679	83	7632	0.698	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3839	0.668	ug/L #	85
42) Toluene	7.965	91	2836	0.093	ug/L	81
61) 1,2,3-Trichloropropane	11.804	75	5265	1.063	ug/L #	57
63) 1,2,4-Trimethylbenzene	11.467	105	1963	0.061	ug/L	91
71) Naphthalene	14.097	128	2442	0.154	ug/L #	92

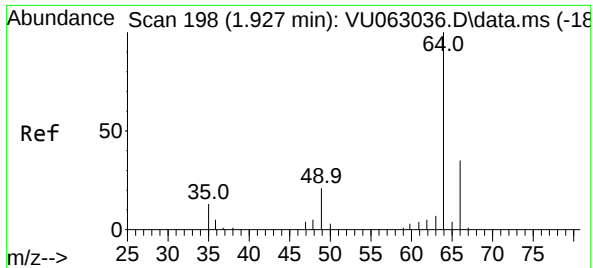
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : TRACE VOA SFAM1.0
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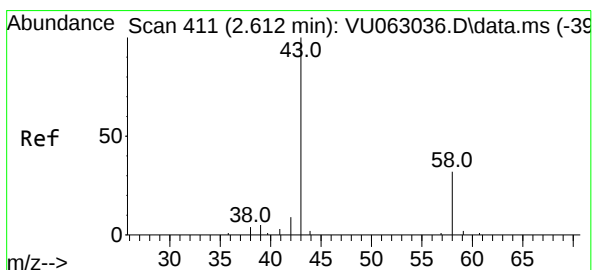
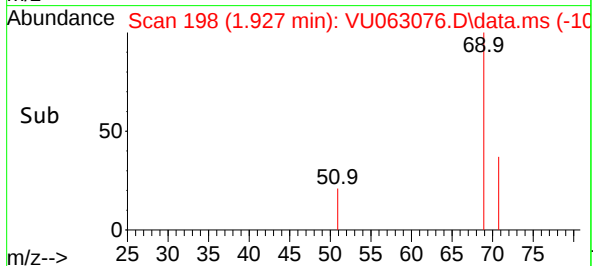
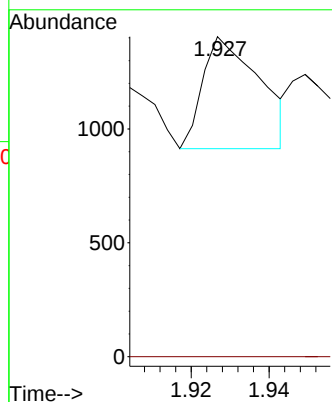
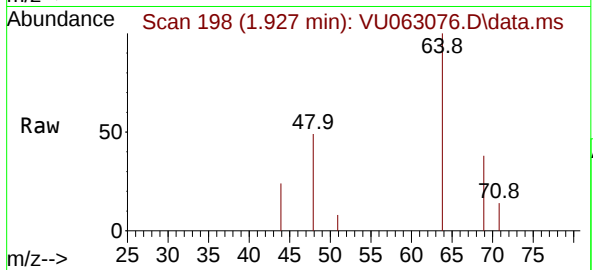




#8
Chloroethane
Concen: 0.198 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063076.D
Acq: 28 Jan 2025 18:58

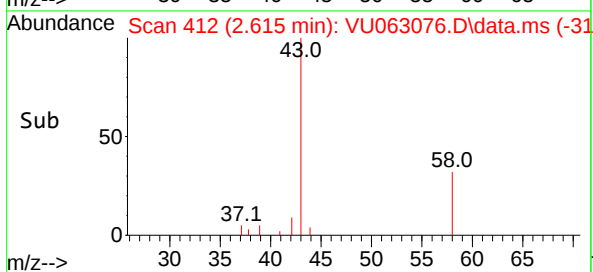
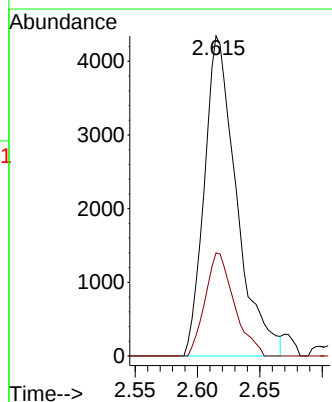
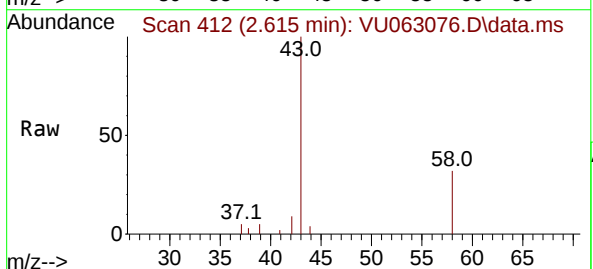
Instrument :
MSVOA_U
ClientSampleId :

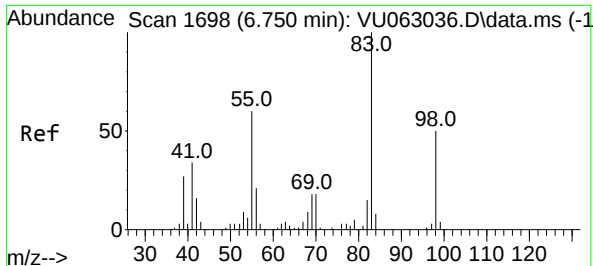
Tgt Ion: 64 Resp: 498
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#



#13
Acetone
Concen: 11.162 ug/L
RT: 2.615 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU063076.D
Acq: 28 Jan 2025 18:58

Tgt Ion: 43 Resp: 7793
Ion Ratio Lower Upper
43 100
58 29.1 0.0 64.4





#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063076.D

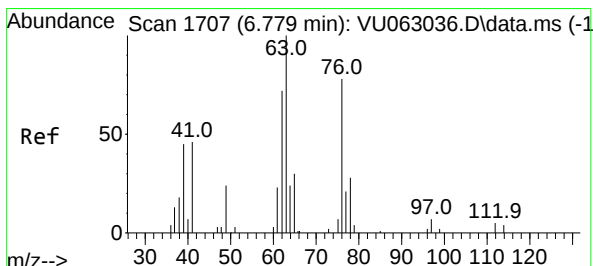
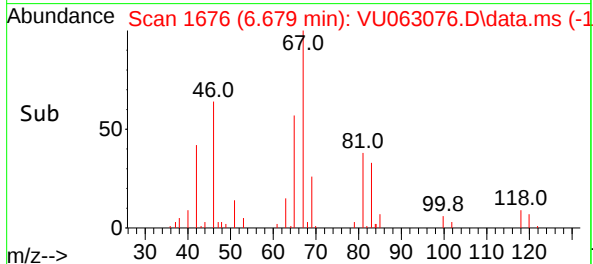
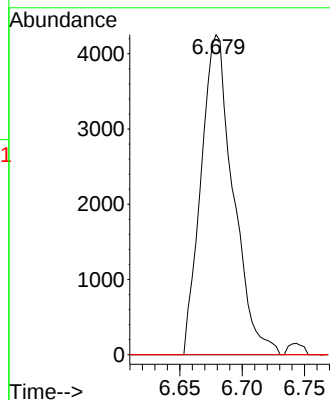
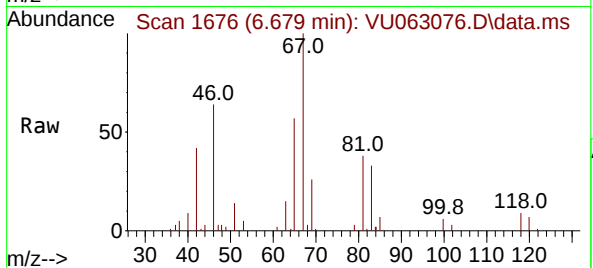
Acq: 28 Jan 2025 18:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 7632
Ion Ratio	Lower Upper
83	100
55	0.0 57.2 85.8#
98	0.0 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.668 ug/L

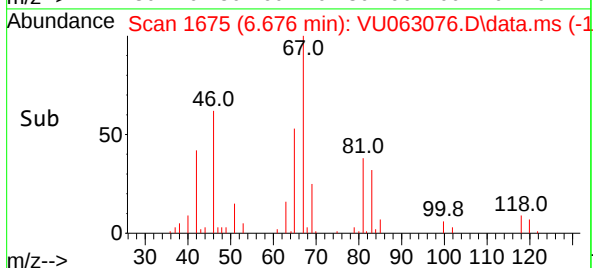
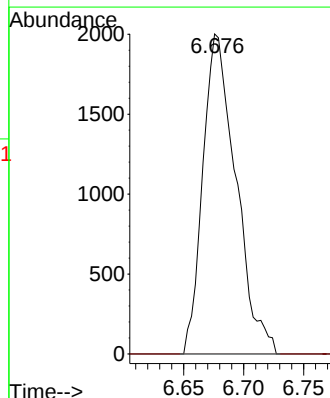
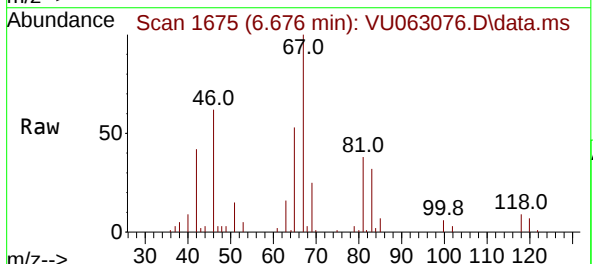
RT: 6.676 min Scan# 1675

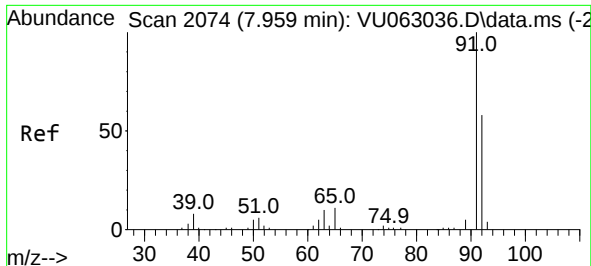
Delta R.T. -0.103 min

Lab File: VU063076.D

Acq: 28 Jan 2025 18:58

Tgt Ion: 63	Resp: 3839
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#





#42

Toluene

Concen: 0.093 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.007 min

Lab File: VU063076.D

Acq: 28 Jan 2025 18:58

Instrument :

MSVOA_U

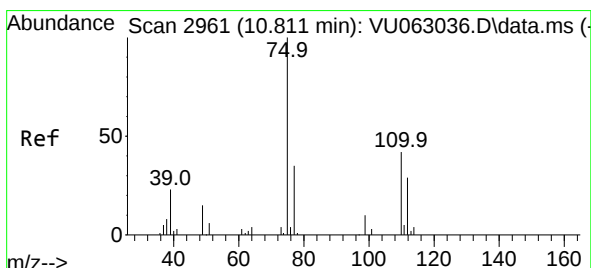
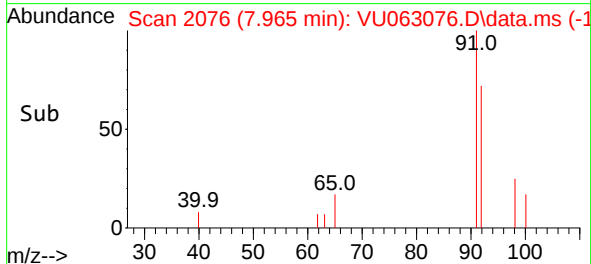
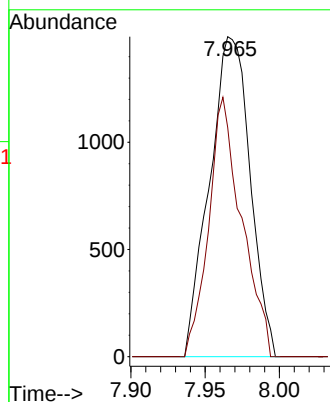
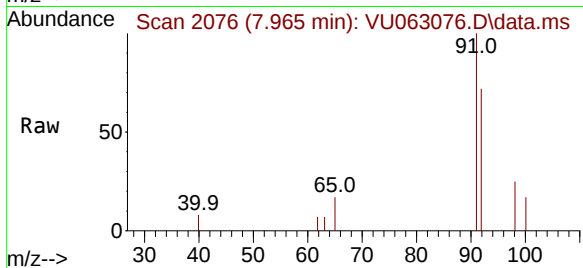
ClientSampleId :

Tgt Ion: 91 Resp: 2836

Ion Ratio Lower Upper

91 100

92 71.6 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.063 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.994 min

Lab File: VU063076.D

Acq: 28 Jan 2025 18:58

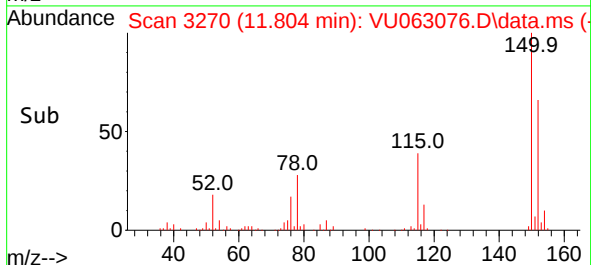
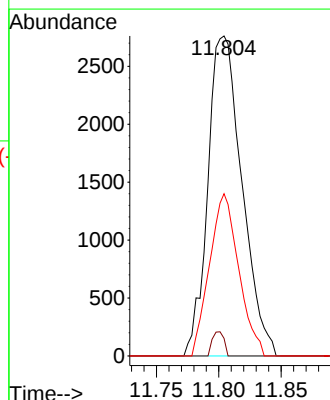
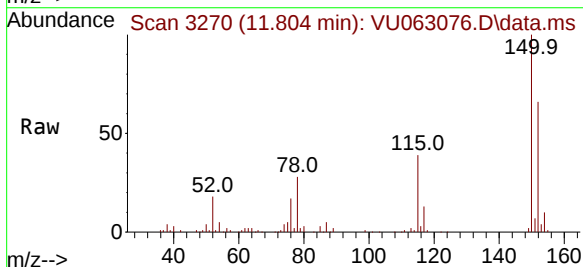
Tgt Ion: 75 Resp: 5265

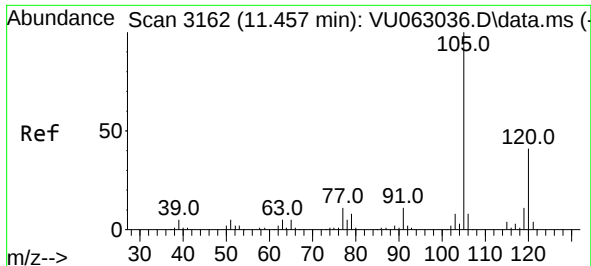
Ion Ratio Lower Upper

75 100

110 2.6 33.2 49.8#

77 43.3 25.9 38.9#

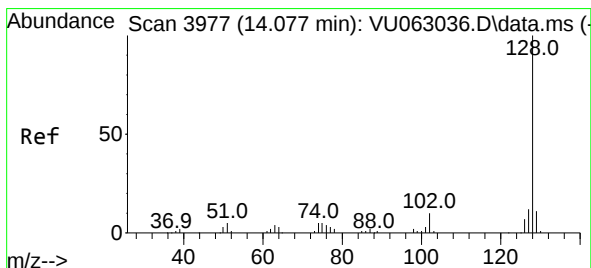
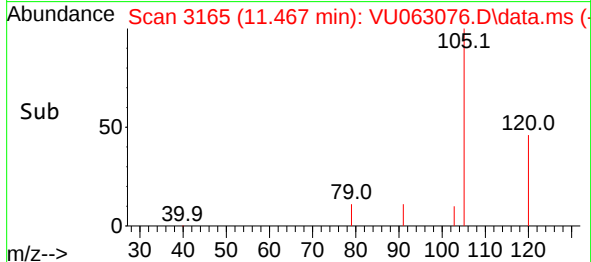
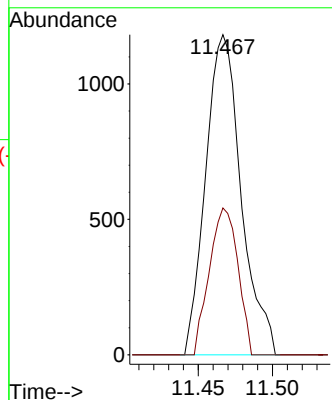
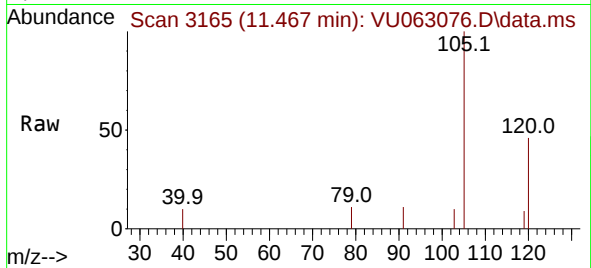




#63
 1,2,4-Trimethylbenzene
 Concen: 0.061 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.010 min
 Lab File: VU063076.D
 Acq: 28 Jan 2025 18:58

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 1963
 Ion Ratio Lower Upper
 105 100
 120 36.7 34.2 51.2



#71
 Naphthalene
 Concen: 0.154 ug/L
 RT: 14.097 min Scan# 3983
 Delta R.T. 0.016 min
 Lab File: VU063076.D
 Acq: 28 Jan 2025 18:58

Tgt Ion:128 Resp: 2442
 Ion Ratio Lower Upper
 128 100
 129 6.8 8.5 12.7#
 127 10.4 10.2 15.2

