

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062997.D
 Acq On : 24 Jan 2025 16:52
 Operator : MD/SY
 Sample : Q1174-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2939

Quant Time: Jan 27 01:17:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

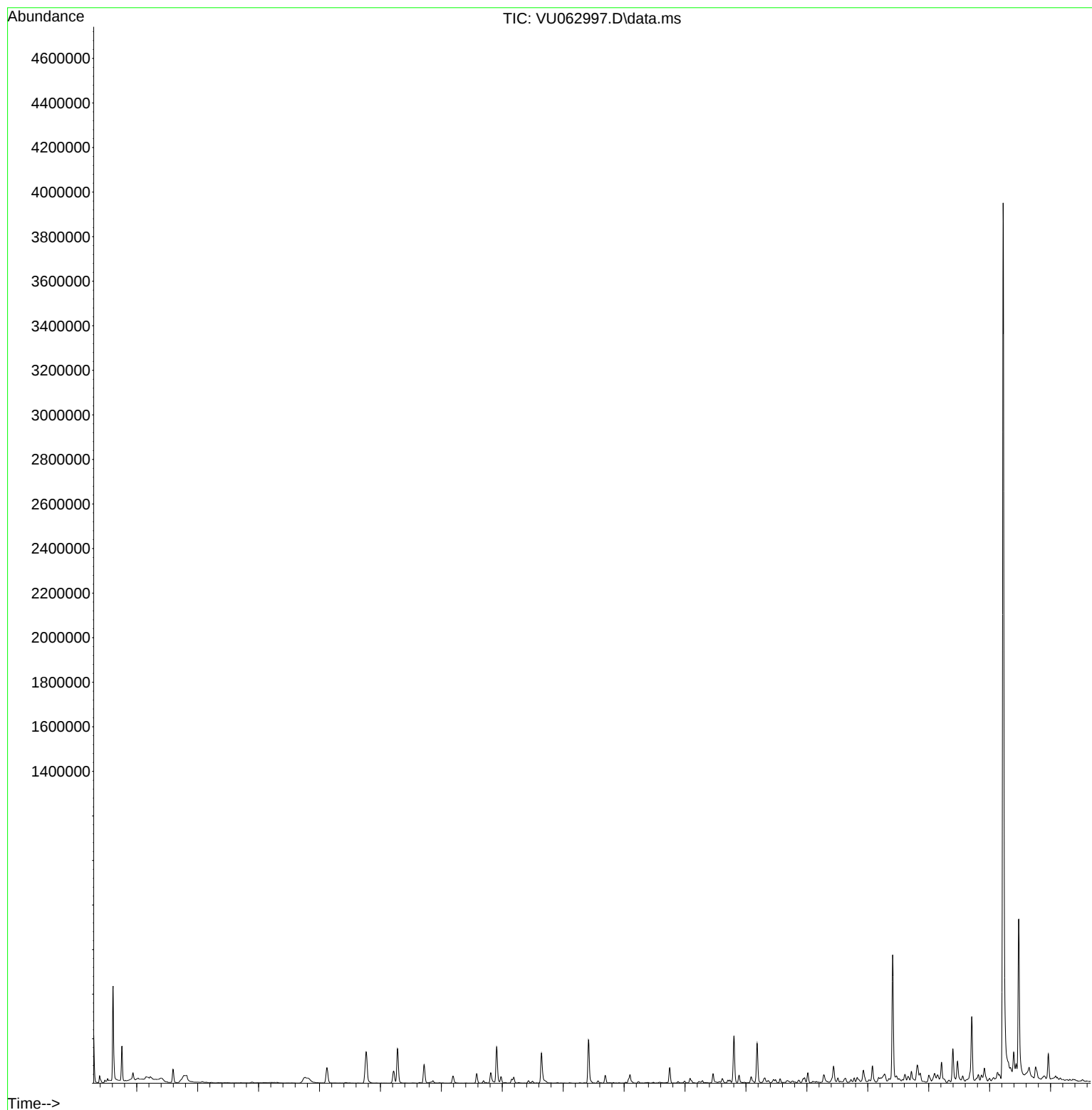
Internal Standards						
1) 1,4-Difluorobenzene	6.280	114	117668	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.415	117	105084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.624	65	29108	4.467	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.939	69	18240	3.479	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.599	65	11768	3.486	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.756	46	60496	45.420	ug/L	0.14
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.840%
24) Chloroform-d	5.119	84	67634	4.218	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.750	65	35659	4.100	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.769	84	119298	4.644	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.717	67	39180	5.501	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.907	98	107199	4.284	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.190	79	15694	4.421	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.643	63	48003	42.992	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	28694	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	36432	4.219	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds					Qvalue	
13) Acetone	2.779	43	124662	118.149	ug/L	91
14) Carbon disulfide	2.820	76	14840	0.636	ug/L #	94
21) 2-Butanone	4.836	43	31887	22.692	ug/L	87
40) 4-Methyl-2-pentanone	7.811	43	32442	9.751	ug/L #	96
42) Toluene	7.978	91	20837	0.630	ug/L	100
52) Ethylbenzene	9.573	91	7405	0.197	ug/L	89
53) m,p-Xylene	9.692	106	9079	0.647	ug/L	92
54) o-Xylene	10.097	106	8946	0.665	ug/L	89
62) 1,3,5-Trimethylbenzene	11.084	105	11301	0.372	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	23095	0.785	ug/L	93

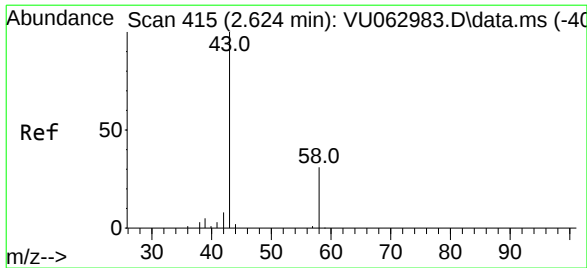
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 118.149 ug/L

RT: 2.779 min Scan# 46

Delta R.T. 0.154 min

Lab File: VU062997.D

Acq: 24 Jan 2025 16:52

Instrument :

MSVOA_U

ClientSampleId :

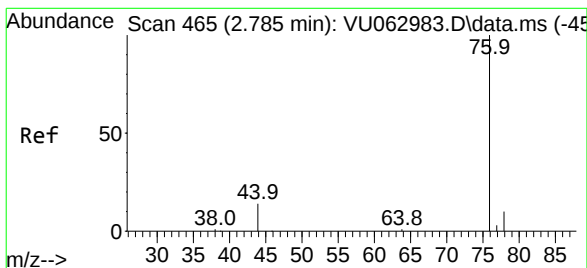
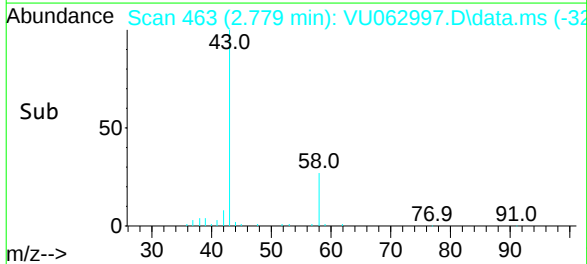
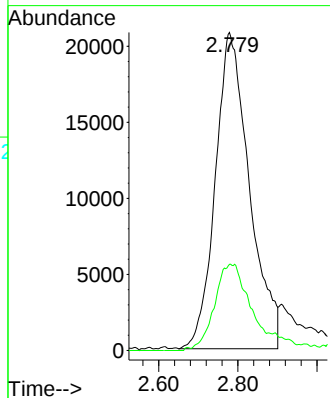
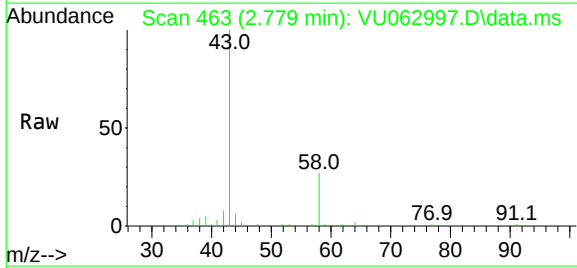
E2939

Tgt Ion: 43 Resp: 124662

Ion Ratio Lower Upper

43 100

58 27.0 0.0 64.4



#14

Carbon disulfide

Concen: 0.636 ug/L

RT: 2.820 min Scan# 476

Delta R.T. 0.035 min

Lab File: VU062997.D

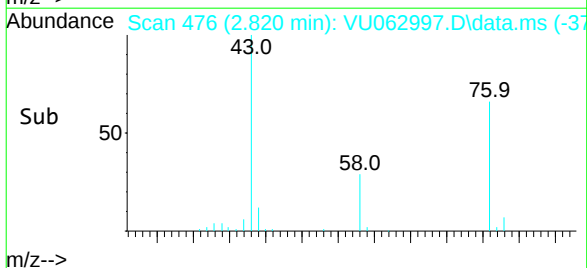
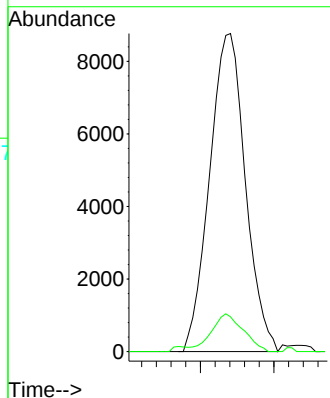
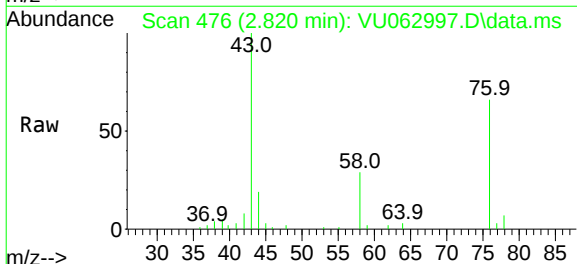
Acq: 24 Jan 2025 16:52

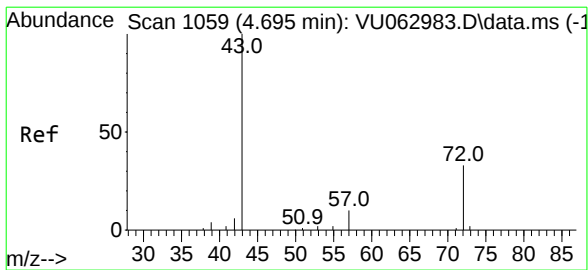
Tgt Ion: 76 Resp: 14840

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.6#

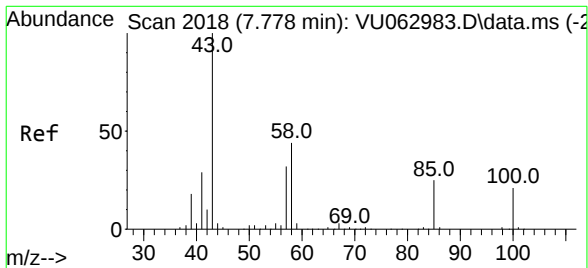
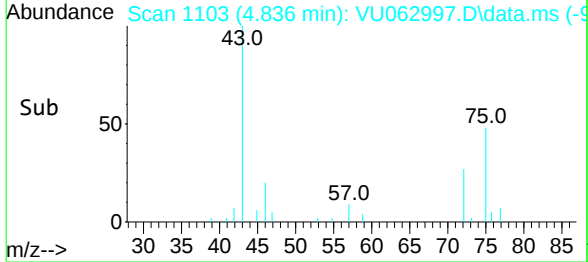
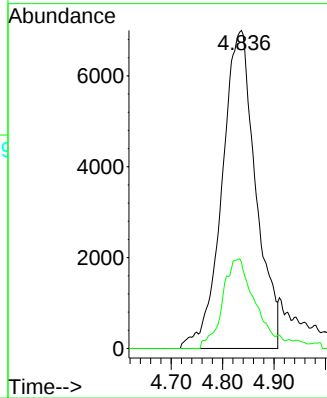
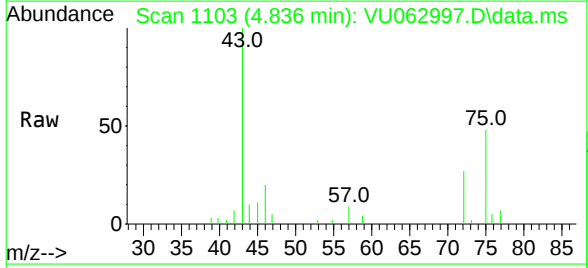




#21
2-Butanone
Concen: 22.692 ug/L
RT: 4.836 min Scan# 11
Delta R.T. 0.141 min
Lab File: VU062997.D
Acq: 24 Jan 2025 16:52

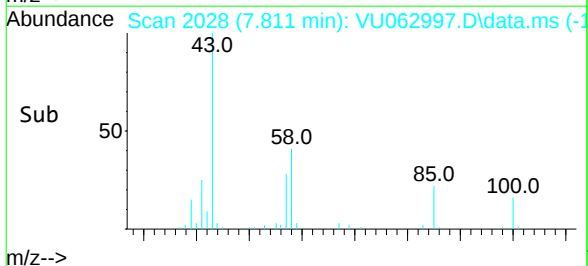
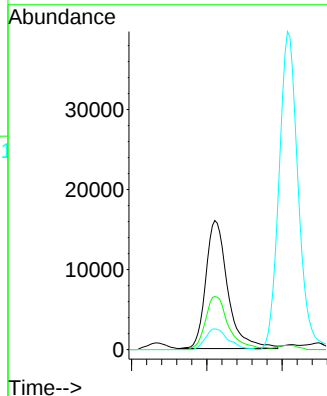
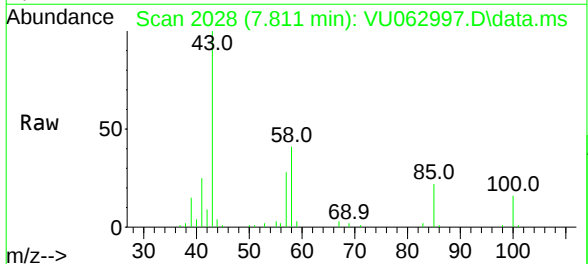
Instrument :
MSVOA_U
ClientSampleId :
E2939

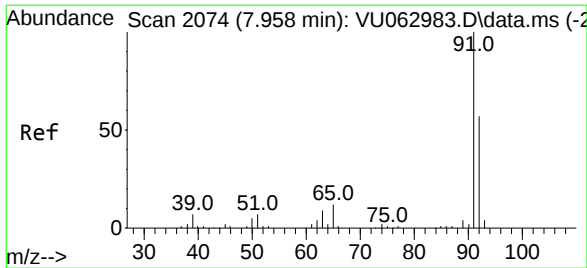
Tgt Ion: 43 Resp: 31887
Ion Ratio Lower Upper
43 100
72 26.6 17.1 51.2



#40
4-Methyl-2-pentanone
Concen: 9.751 ug/L
RT: 7.811 min Scan# 2028
Delta R.T. 0.032 min
Lab File: VU062997.D
Acq: 24 Jan 2025 16:52

Tgt Ion: 43 Resp: 32442
Ion Ratio Lower Upper
43 100
58 43.4 35.8 53.8
100 16.8 16.8 25.2#

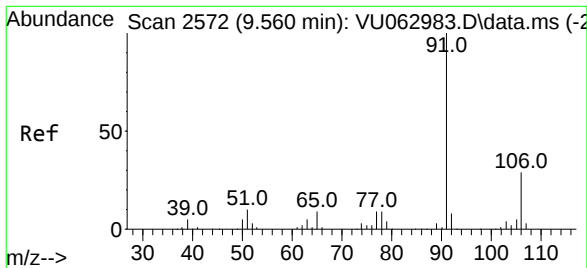
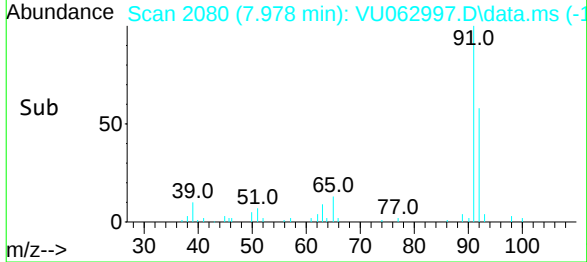
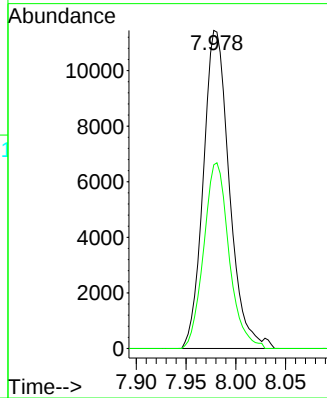
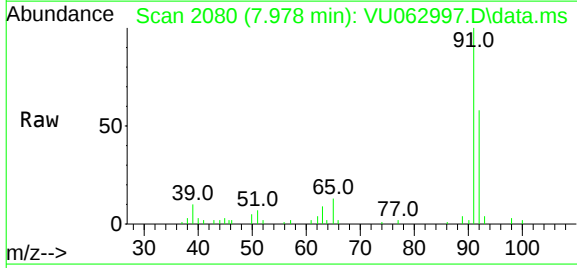




#42
Toluene
Concen: 0.630 ug/L
RT: 7.978 min Scan# 2074
Delta R.T. 0.019 min
Lab File: VU062997.D
Acq: 24 Jan 2025 16:52

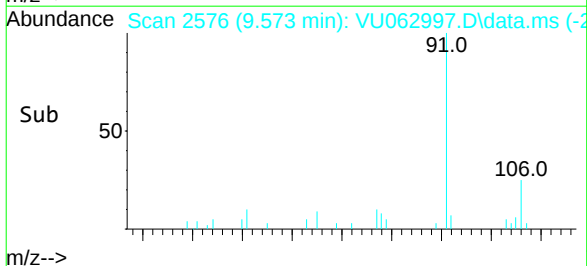
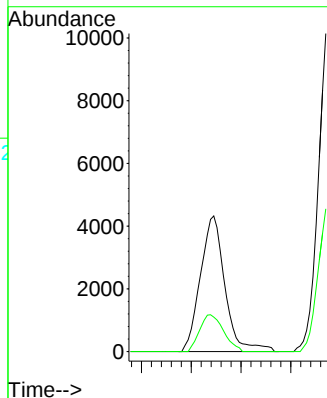
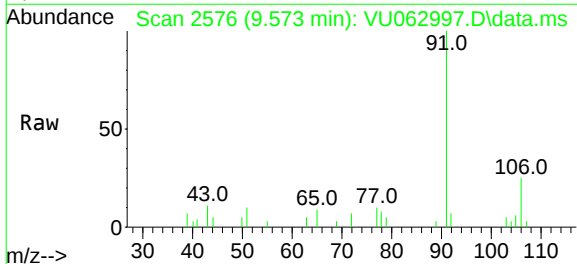
Instrument :
MSVOA_U
ClientSampleId :
E2939

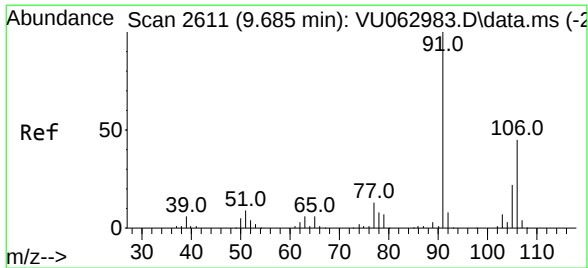
Tgt Ion: 91 Resp: 20837
Ion Ratio Lower Upper
91 100
92 57.7 40.4 75.0



#52
Ethylbenzene
Concen: 0.197 ug/L
RT: 9.573 min Scan# 2576
Delta R.T. 0.013 min
Lab File: VU062997.D
Acq: 24 Jan 2025 16:52

Tgt Ion: 91 Resp: 7405
Ion Ratio Lower Upper
91 100
106 25.4 21.9 40.7

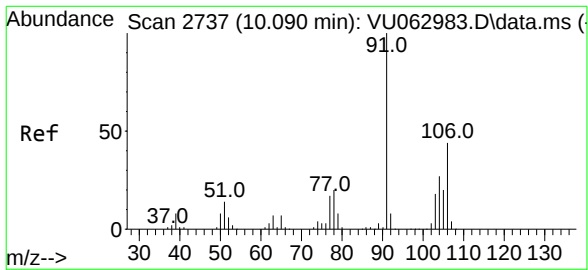
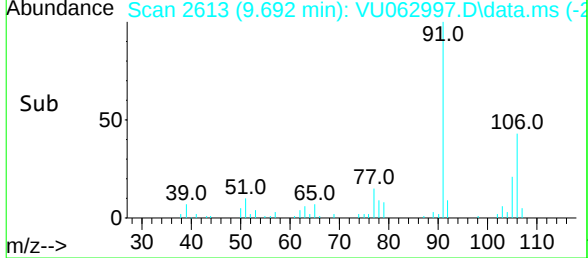
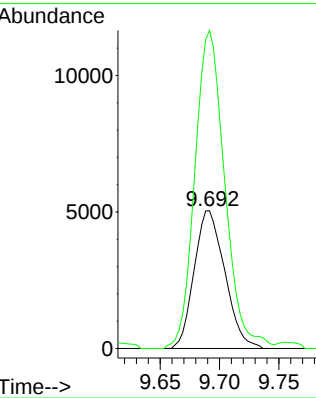
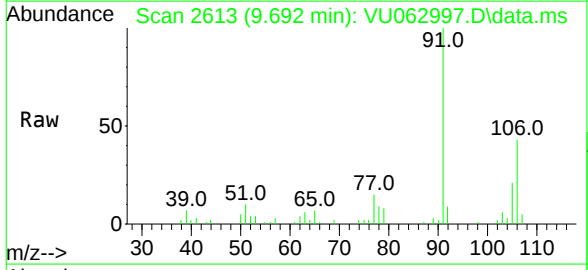




#53
 m,p-Xylene
 Concen: 0.647 ug/L
 RT: 9.692 min Scan# 2613
 Delta R.T. 0.006 min
 Lab File: VU062997.D
 Acq: 24 Jan 2025 16:52

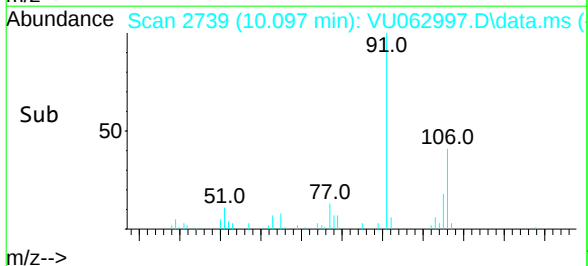
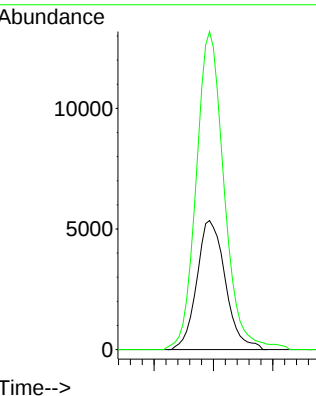
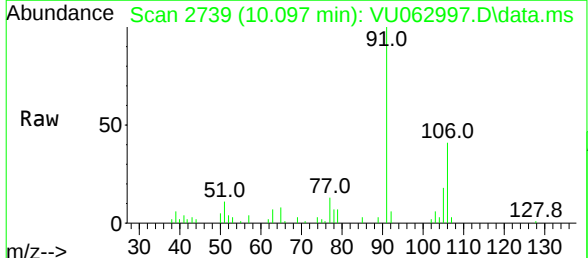
Instrument :
 MSVOA_U
 ClientSampleId :
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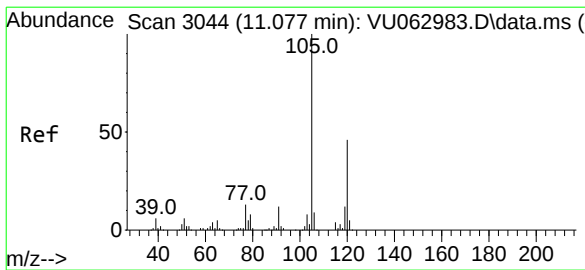
Tgt Ion	Ratio	Lower	Upper
106	100		
91	230.9	153.1	284.3



#54
 o-Xylene
 Concen: 0.665 ug/L
 RT: 10.097 min Scan# 2739
 Delta R.T. 0.006 min
 Lab File: VU062997.D
 Acq: 24 Jan 2025 16:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	246.5	160.4	297.8





#62

1,3,5-Trimethylbenzene

Concen: 0.372 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.006 min

Lab File: VU062997.D

Acq: 24 Jan 2025 16:52

Instrument :

MSVOA_U

ClientSampleId :

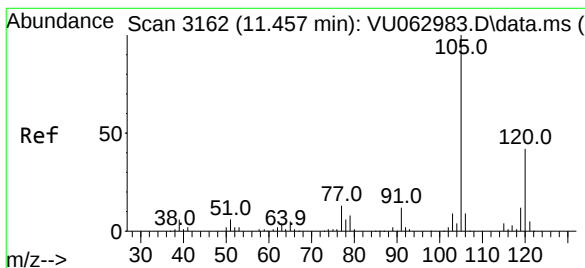
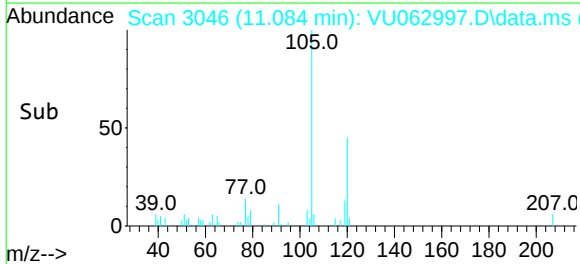
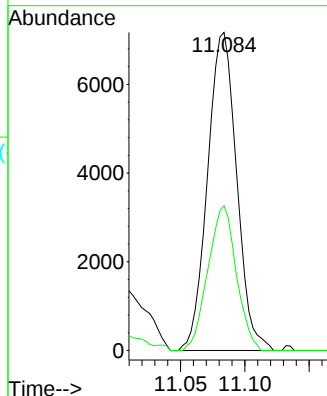
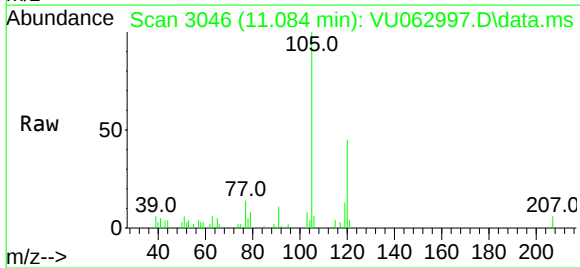
E2939

Tgt Ion:105 Resp: 11301

Ion Ratio Lower Upper

105 100

120 44.2 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 0.785 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062997.D

Acq: 24 Jan 2025 16:52

Tgt Ion:105 Resp: 23095

Ion Ratio Lower Upper

105 100

120 38.4 34.2 51.2

