

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063064.D
 Acq On : 28 Jan 2025 13:53
 Operator : MD/SY
 Sample : Q1195-13DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2963DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 29 09:05:02 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	116614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	109745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	14077	3.358	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	67.200%		
7) Chloroethane-d5	1.901	69	13823	4.343	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.800%		
11) 1,1-Dichloroethene-d2	2.550	65	10074	4.018	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	80.400%		
20) 2-Butanone-d5	4.631	46	62164	51.093	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.180%		
24) Chloroform-d	5.049	84	75144	4.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.200%		
26) 1,2-Dichloroethane-d4	5.692	65	43342	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.200%		
32) Benzene-d6	5.714	84	119472	4.764	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.200%		
36) 1,2-Dichloropropane-d6	6.676	67	28836	4.516	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.400%		
41) Toluene-d8	7.888	98	113060	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.200%		
43) trans-1,3-Dichloroprop...	8.171	79	19061	4.822	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	96.400%		
46) 2-Hexanone-d5	8.624	63	55206	55.970	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	111.940%		
56) 1,1,2,2-Tetrachloroeth...	10.743	84	32697	5.393	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	107.800%		
66) 1,2-Dichlorobenzene-d4	12.183	152	52317	4.482	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.600%		
Target Compounds						
13) Acetone	2.653	43	7062m	8.977	ug/L	
14) Carbon disulfide	2.782	76	2881	0.186	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	4299	1.490	ug/L #	74
42) Toluene	7.958	91	36053	1.141	ug/L	93
47) Tetrachloroethene	8.544	164	56955	7.248	ug/L	95
52) Ethylbenzene	9.563	91	13607	0.369	ug/L	97
53) m,p-Xylene	9.682	106	14589	1.026	ug/L	99
54) o-Xylene	10.093	106	8752	0.672	ug/L	92
63) 1,2,4-Trimethylbenzene	11.460	105	11396	0.333	ug/L	98

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

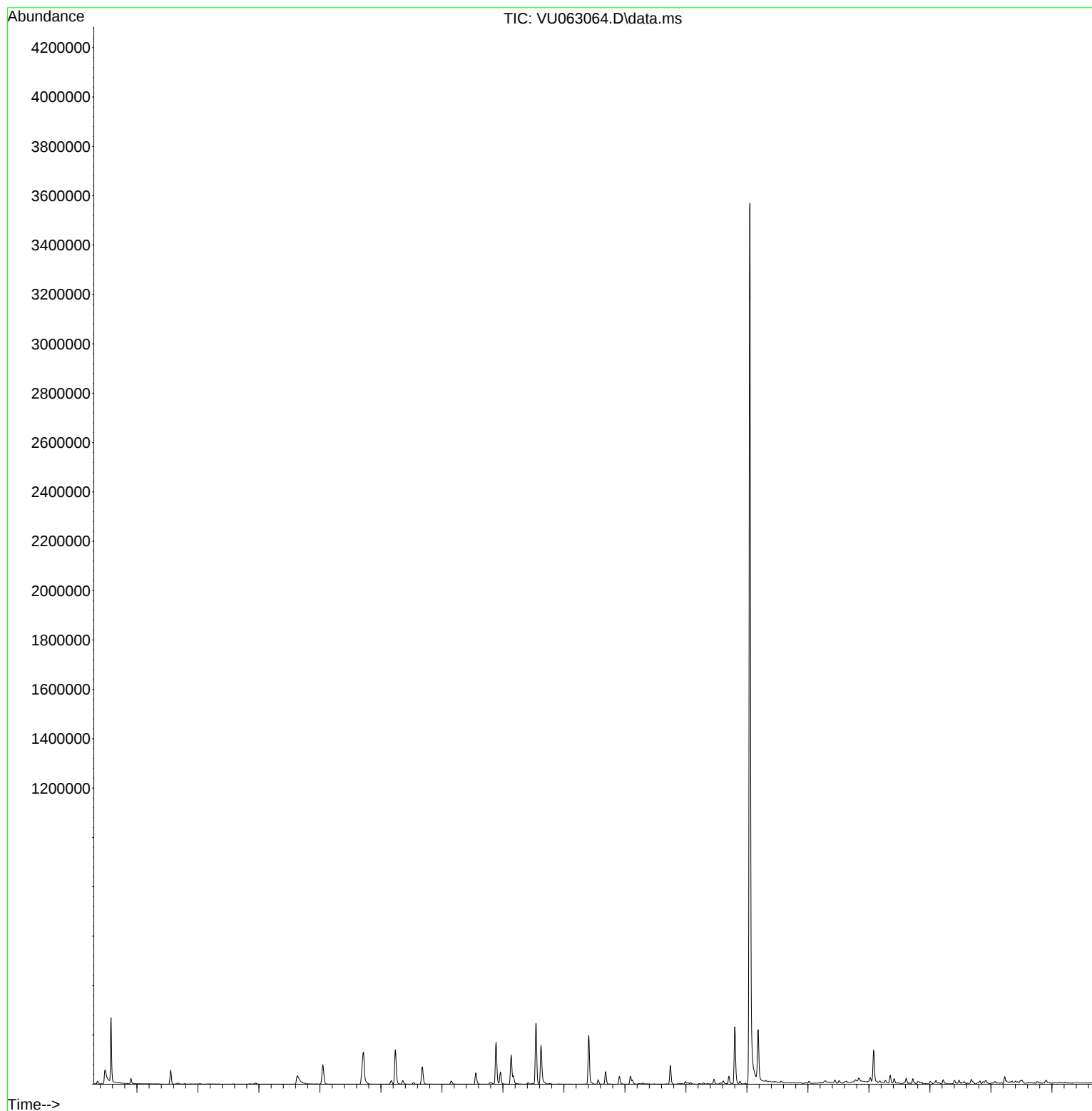
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
Data File : VU063064.D
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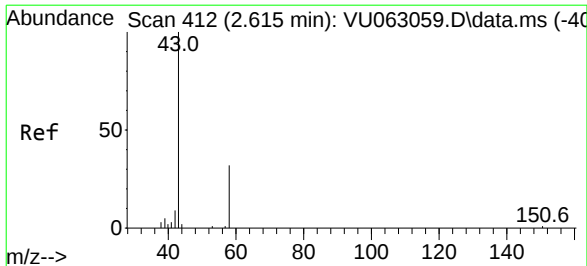
Instrument :
MSVOA_U
ClientSampleId :
E2963DL

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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





#13

Acetone

Concen: 8.977 ug/L m

RT: 2.653 min Scan# 42

Delta R.T. 0.042 min

Lab File: VU063064.D

Acq: 28 Jan 2025 13:53

Instrument :

MSVOA_U

ClientSampleId :

E2963DL

Tgt Ion: 43 Resp: 7062

Ion Ratio Lower Upper

43 100

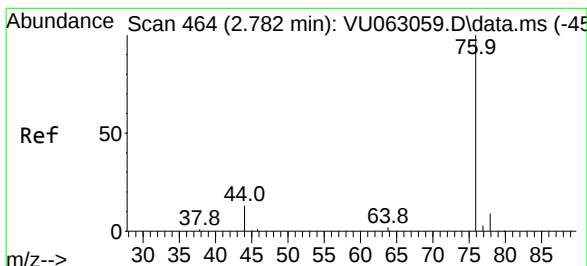
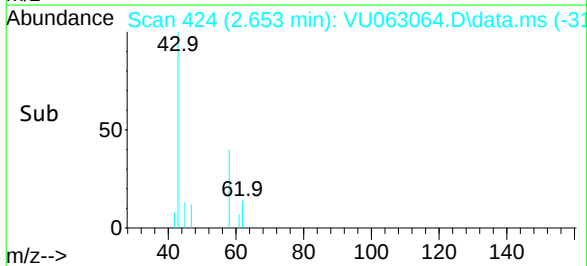
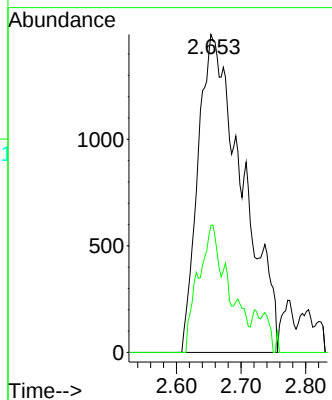
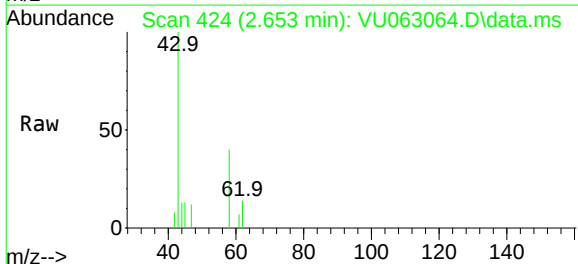
58 18.6 0.0 64.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.186 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063064.D

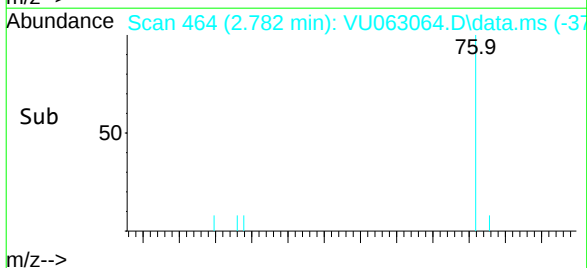
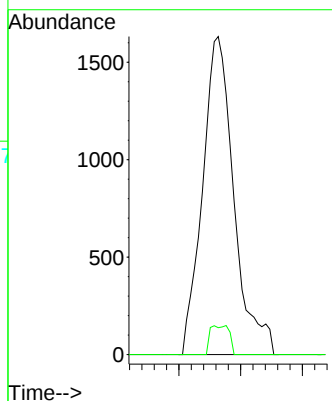
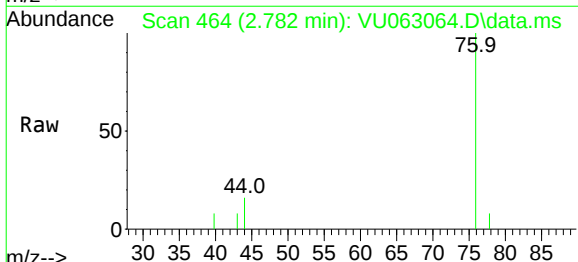
Acq: 28 Jan 2025 13:53

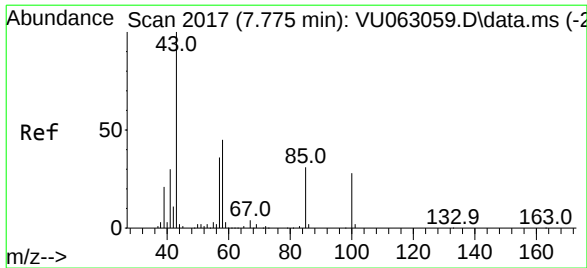
Tgt Ion: 76 Resp: 2881

Ion Ratio Lower Upper

76 100

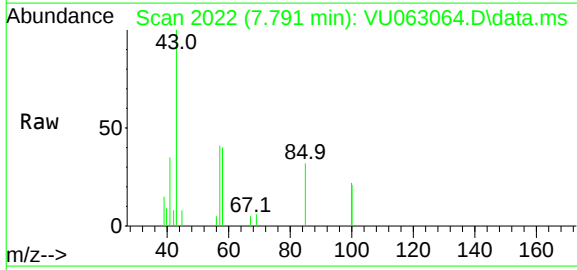
78 8.5 7.0 10.6





#40
4-Methyl-2-pentanone
Concen: 1.490 ug/L
RT: 7.791 min Scan# 2017
Delta R.T. 0.016 min
Lab File: VU063064.D
Acq: 28 Jan 2025 13:53

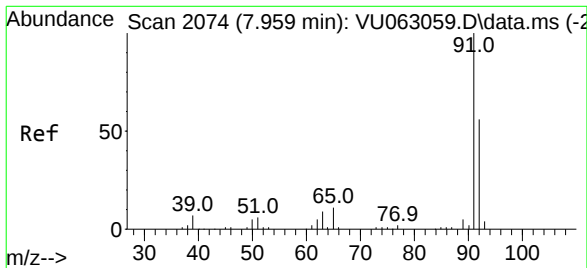
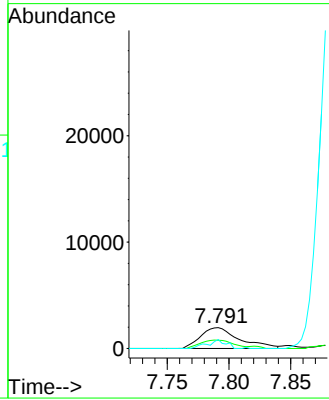
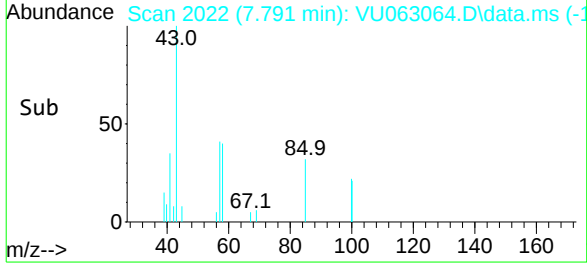
Instrument :
MSVOA_U
ClientSampleId :
E2963DL



Tgt Ion: 43 Resp: 4299
Ion Ratio Lower Upper
43 100
58 33.5 35.8 53.8#
100 0.0 16.8 25.2#

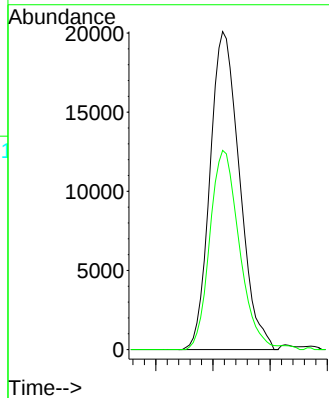
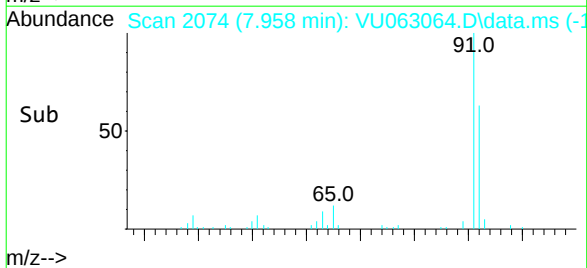
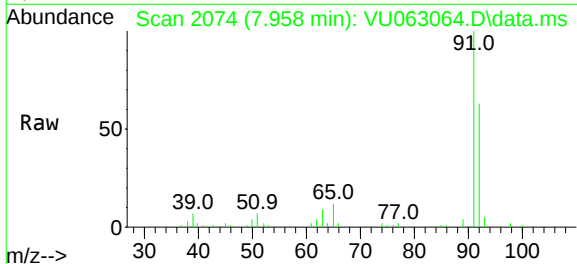
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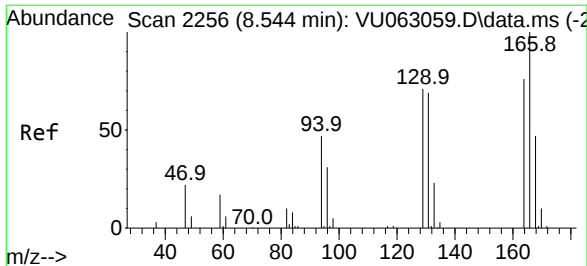
Reviewed By :John Carlone 01/29/2025
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#42
Toluene
Concen: 1.141 ug/L
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063064.D
Acq: 28 Jan 2025 13:53

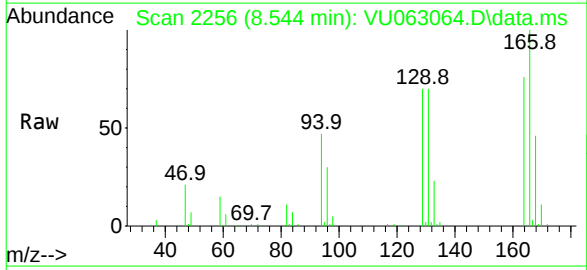
Tgt Ion: 91 Resp: 36053
Ion Ratio Lower Upper
91 100
92 62.6 40.4 75.0





#47
Tetrachloroethene
Concen: 7.248 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063064.D
Acq: 28 Jan 2025 13:53

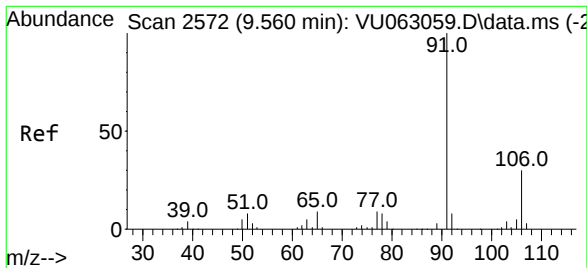
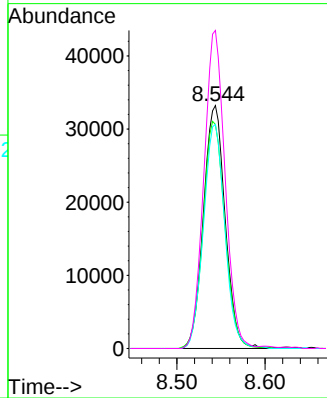
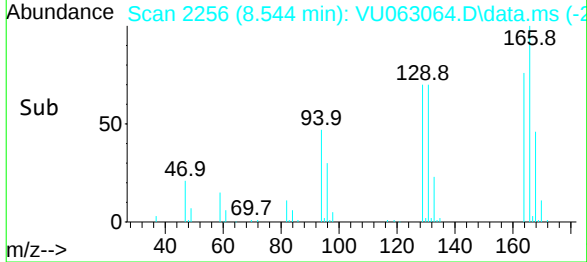
Instrument :
MSVOA_U
ClientSampleId :
E2963DL



Tgt Ion: 164 Resp: 56955
Ion Ratio Lower Upper
164 100
129 92.2 71.0 131.9
131 92.2 69.4 129.0
166 130.9 92.7 172.3

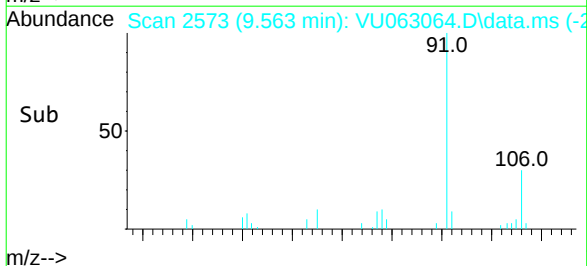
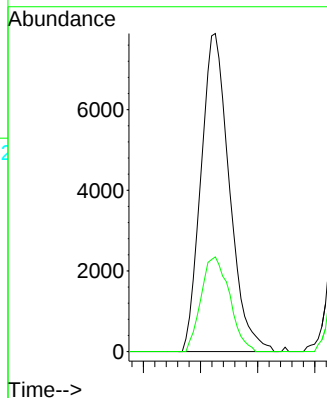
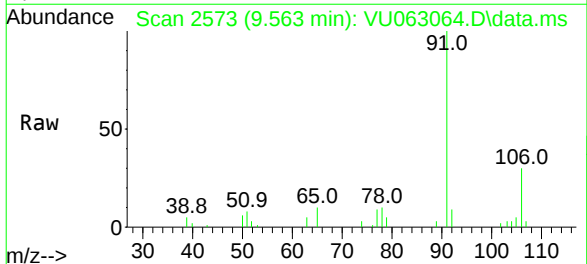
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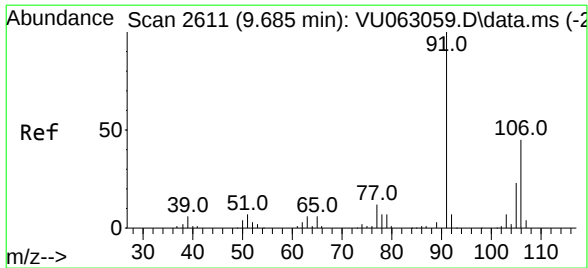
Reviewed By :John Carlone 01/29/2025
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#52
Ethylbenzene
Concen: 0.369 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063064.D
Acq: 28 Jan 2025 13:53

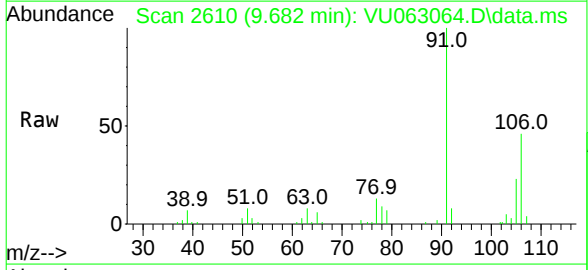
Tgt Ion: 91 Resp: 13607
Ion Ratio Lower Upper
91 100
106 29.8 21.9 40.7





#53
 m,p-Xylene
 Concen: 1.026 ug/L
 RT: 9.682 min Scan# 2610
 Delta R.T. -0.000 min
 Lab File: VU063064.D
 Acq: 28 Jan 2025 13:53

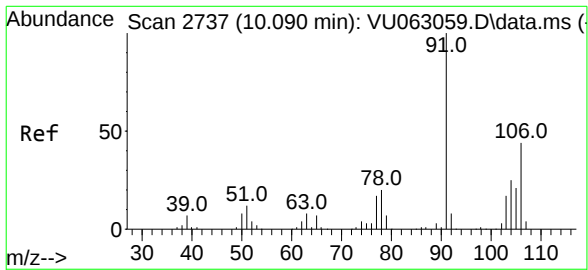
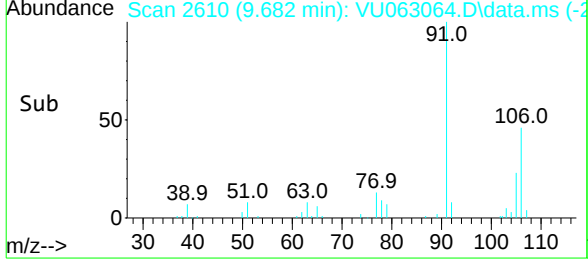
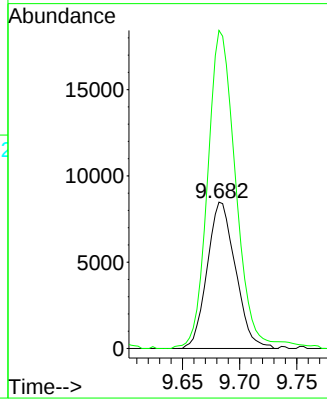
Instrument :
 MSVOA_U
 ClientSampleId :
 E2963DL



Tgt Ion:106 Resp: 14589
 Ion Ratio Lower Upper
 106 100
 91 217.3 153.1 284.3

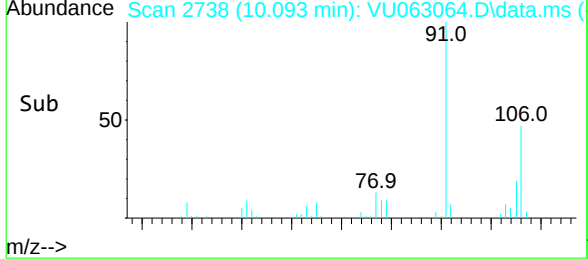
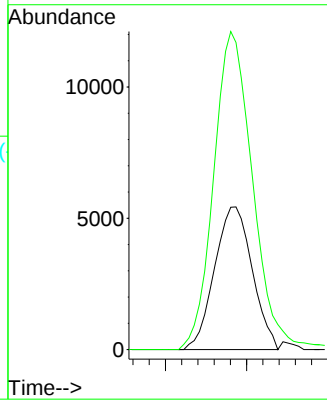
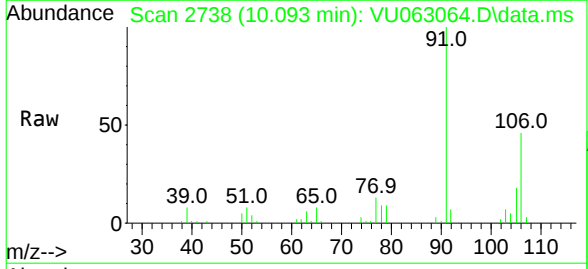
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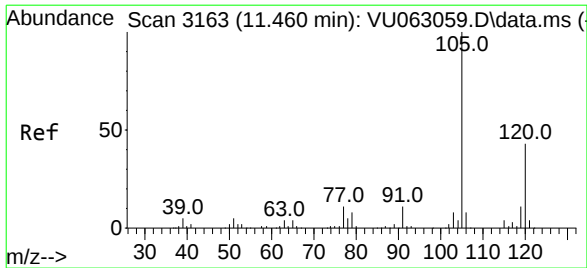
Reviewed By :John Carlone 01/29/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#54
 o-Xylene
 Concen: 0.672 ug/L
 RT: 10.093 min Scan# 2738
 Delta R.T. 0.003 min
 Lab File: VU063064.D
 Acq: 28 Jan 2025 13:53

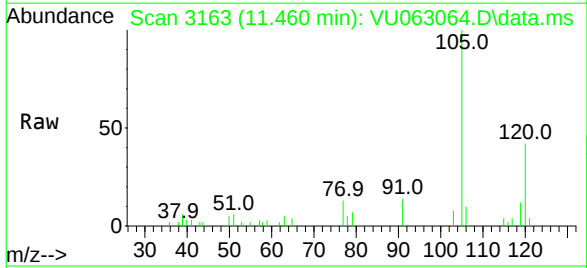
Tgt Ion:106 Resp: 8752
 Ion Ratio Lower Upper
 106 100
 91 215.2 160.4 297.8





#63
1,2,4-Trimethylbenzene
Concen: 0.333 ug/L
RT: 11.460 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063064.D
Acq: 28 Jan 2025 13:53

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:105 Resp: 11396
Ion Ratio Lower Upper
105 100
120 41.2 34.2 51.2

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