

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063071.D
 Acq On : 28 Jan 2025 16:53
 Operator : MD/SY
 Sample : Q1174-07DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2937DL

Quant Time: Jan 29 09:34:33 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)

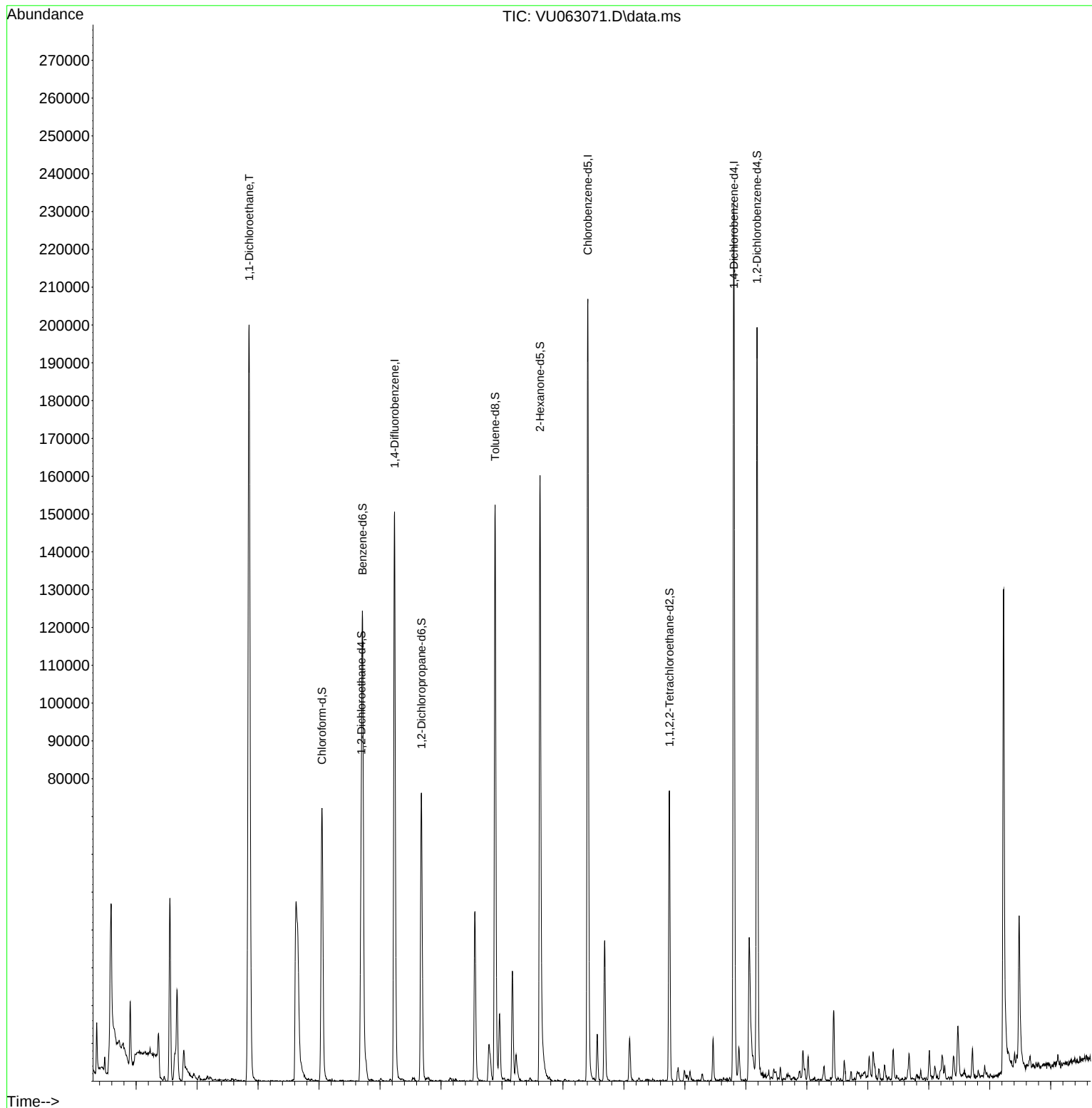
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	123990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	116595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	13901	3.119	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.904	69	11427	3.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.557	65	9166	3.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.621	46	66781	51.623	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.240%
24) Chloroform-d	5.049	84	69159	3.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.692	65	43604	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.714	84	113529	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.679	67	31962	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	104762	3.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.171	79	18205	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.624	63	58992	56.294	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32684	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	53812	4.421	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds					Qvalue	
13) Acetone	2.634	43	13239	15.827	ug/L	61
14) Carbon disulfide	2.779	76	9122	0.553	ug/L	97
19) 1,1-Dichloroethane	3.853	63	214143	17.922	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	13134	1.594	ug/L	91
40) 4-Methyl-2-pentanone	7.785	43	6157	2.009	ug/L #	80
42) Toluene	7.959	91	14218	0.423	ug/L	95
52) Ethylbenzene	9.566	91	9010	0.230	ug/L	96
53) m,p-Xylene	9.688	106	10948	0.725	ug/L	94
54) o-Xylene	10.094	106	3246	0.234	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	6414	0.180	ug/L	92

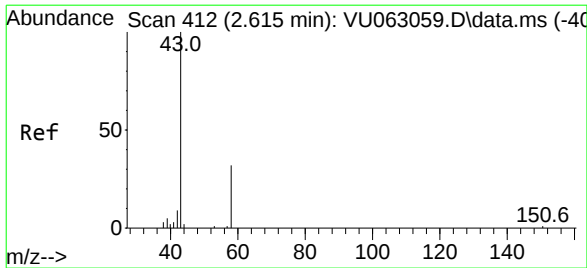
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.827 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.022 min

Lab File: VU063071.D

Acq: 28 Jan 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

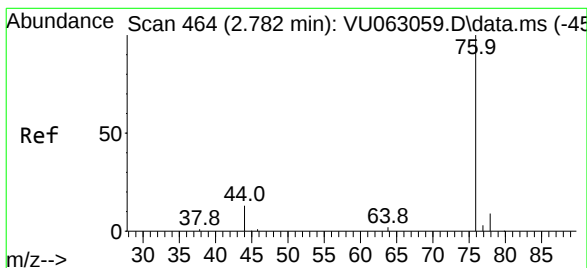
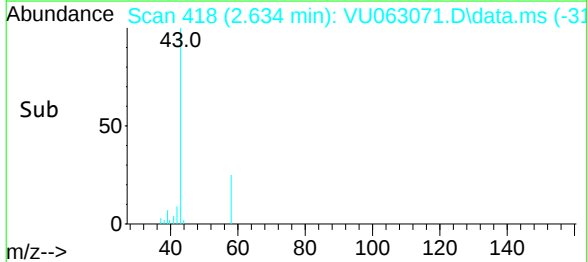
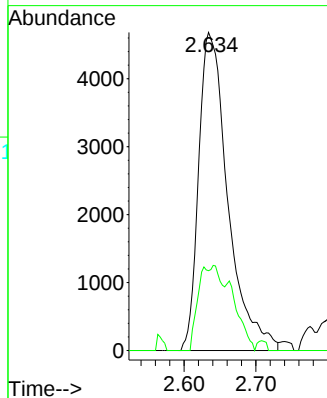
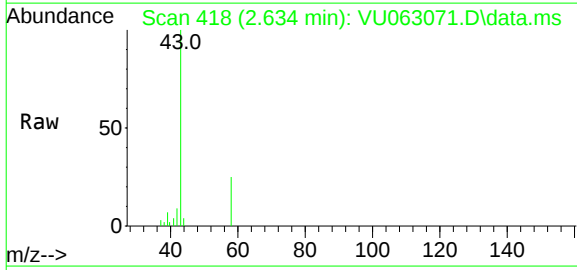
E2937DL

Tgt Ion: 43 Resp: 13239

Ion Ratio Lower Upper

43 100

58 10.5 0.0 64.4



#14

Carbon disulfide

Concen: 0.553 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063071.D

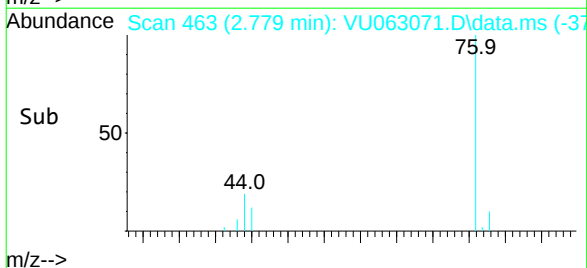
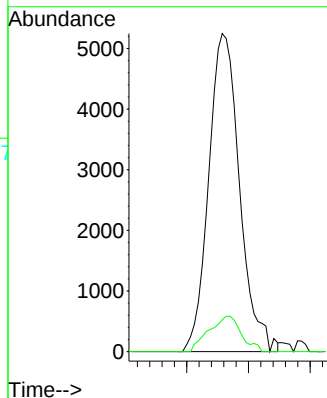
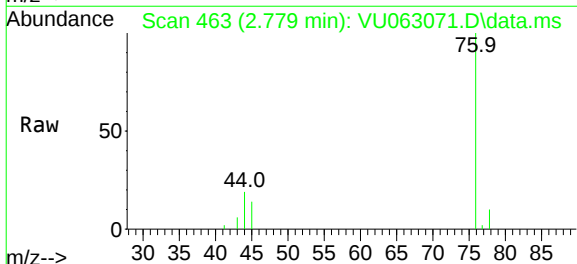
Acq: 28 Jan 2025 16:53

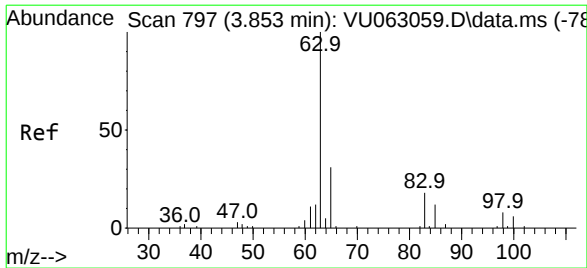
Tgt Ion: 76 Resp: 9122

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6

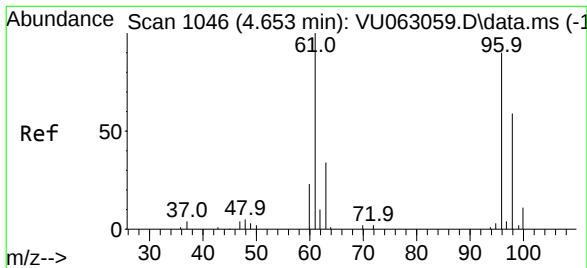
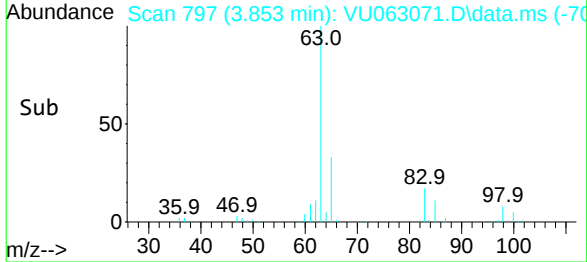
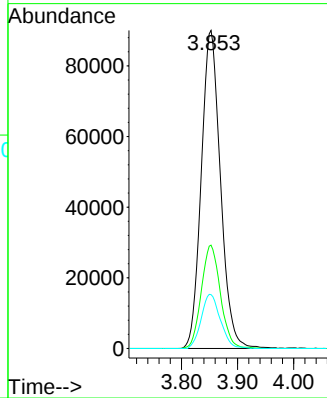
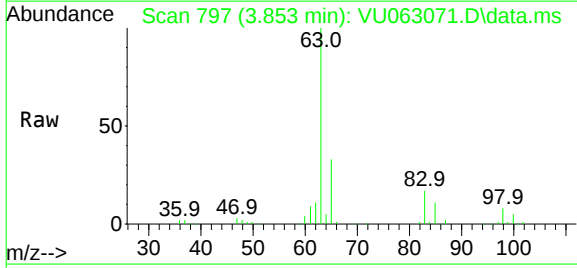




#19
1,1-Dichloroethane
Concen: 17.922 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063071.D
Acq: 28 Jan 2025 16:53

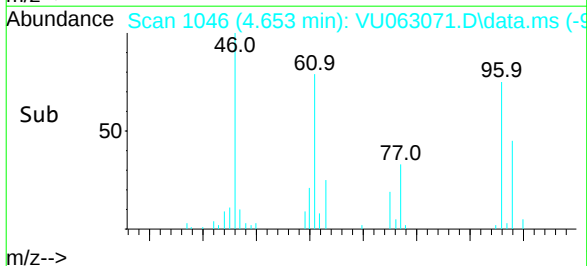
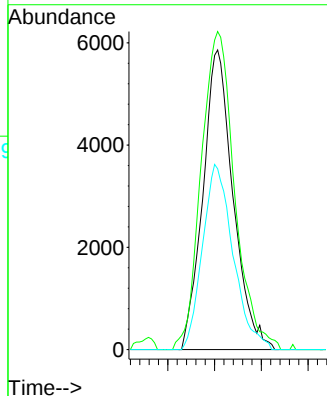
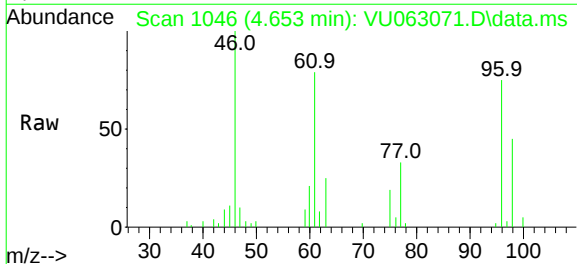
Instrument :
MSVOA_U
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E2937DL

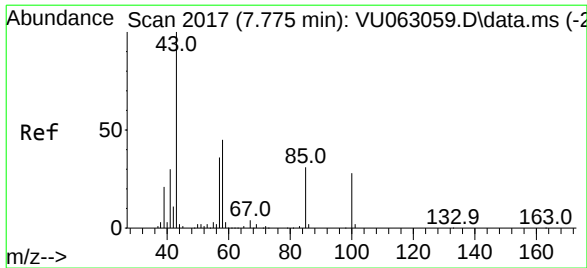
Tgt Ion:	63	Resp:	214143
Ion	Ratio	Lower	Upper
63	100		
65	32.5	20.7	38.5
83	16.9	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 1.594 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU063071.D
Acq: 28 Jan 2025 16:53

Tgt Ion:	96	Resp:	13134
Ion	Ratio	Lower	Upper
96	100		
61	106.2	84.8	157.6
98	60.3	43.1	80.1

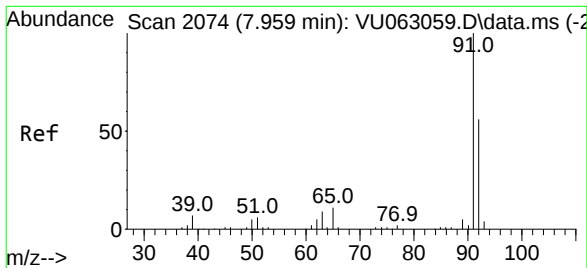
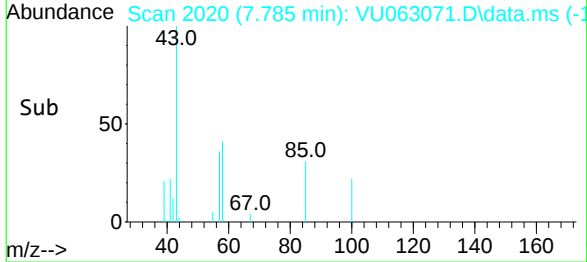
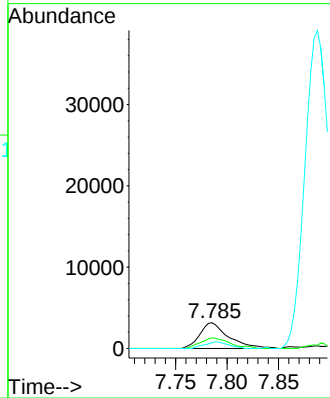
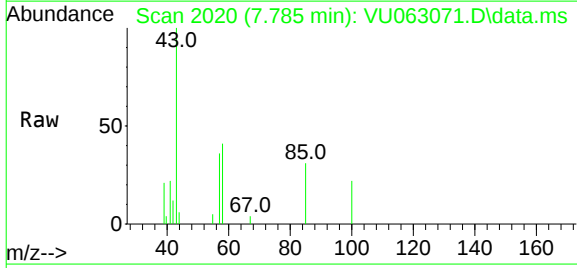




#40
4-Methyl-2-pentanone
Concen: 2.009 ug/L
RT: 7.785 min Scan# 2017
Delta R.T. 0.010 min
Lab File: VU063071.D
Acq: 28 Jan 2025 16:53

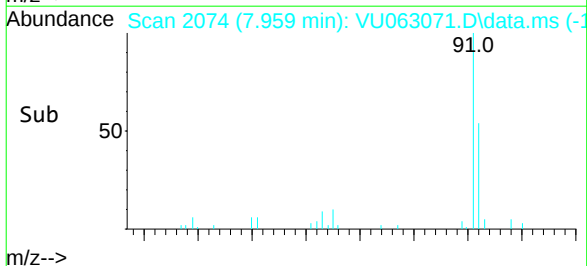
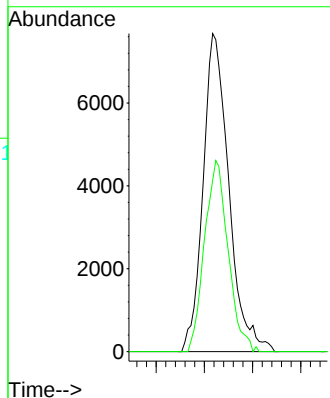
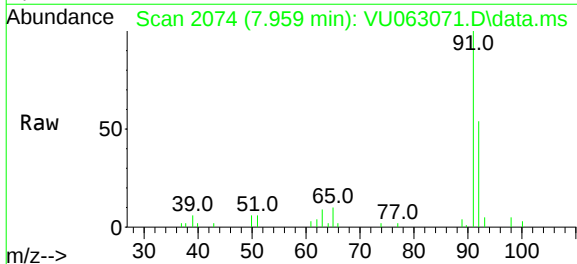
Instrument :
MSVOA_U
ClientSampleId :
E2937DL

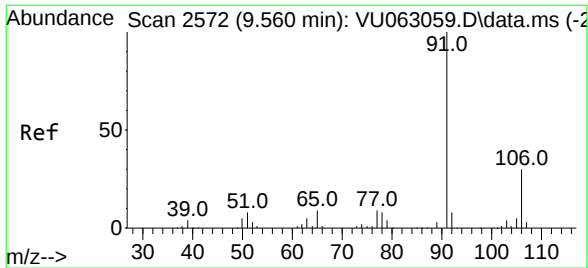
Tgt Ion: 43 Resp: 6157
Ion Ratio Lower Upper
43 100
58 39.1 35.8 53.8
100 0.0 16.8 25.2#



#42
Toluene
Concen: 0.423 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063071.D
Acq: 28 Jan 2025 16:53

Tgt Ion: 91 Resp: 14218
Ion Ratio Lower Upper
91 100
92 53.9 40.4 75.0

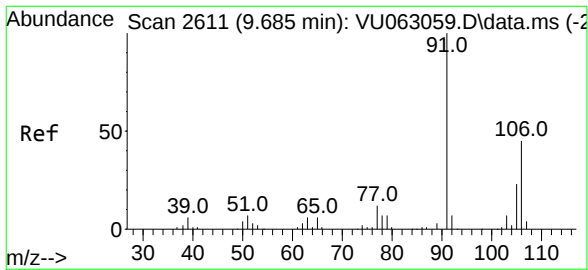
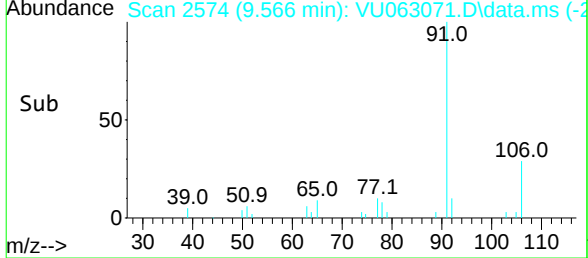
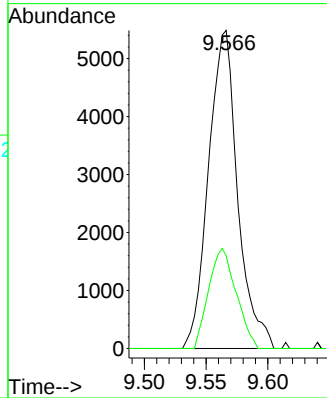
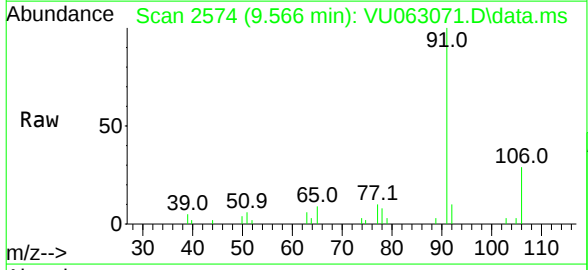




#52
Ethylbenzene
Concen: 0.230 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.006 min
Lab File: VU063071.D
Acq: 28 Jan 2025 16:53

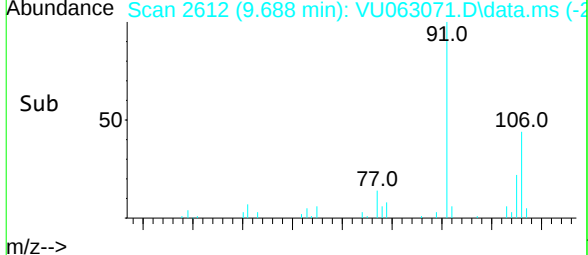
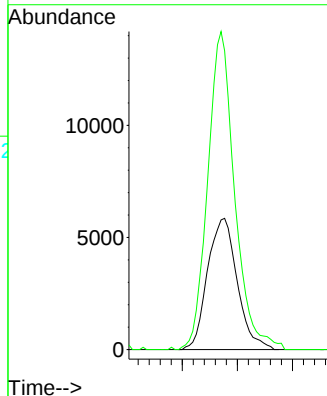
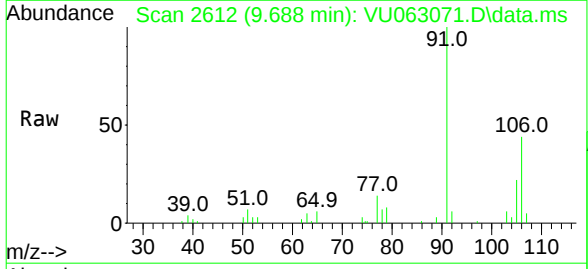
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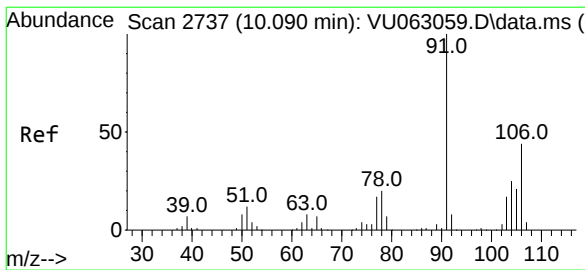
Tgt Ion: 91 Resp: 9010
Ion Ratio Lower Upper
91 100
106 29.2 21.9 40.7



#53
m,p-Xylene
Concen: 0.725 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.006 min
Lab File: VU063071.D
Acq: 28 Jan 2025 16:53

Tgt Ion: 106 Resp: 10948
Ion Ratio Lower Upper
106 100
91 227.7 153.1 284.3





#54

o-Xylene

Concen: 0.234 ug/L

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU063071.D

Acq: 28 Jan 2025 16:53

Instrument :

MSVOA_U

ClientSampleId :

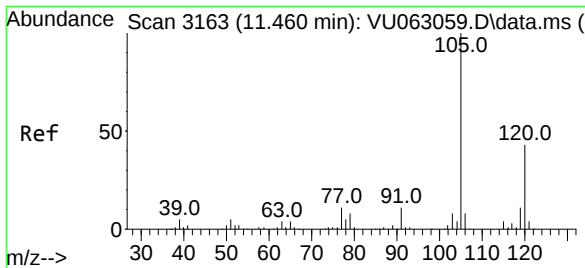
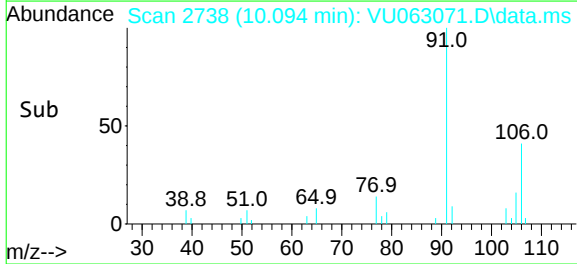
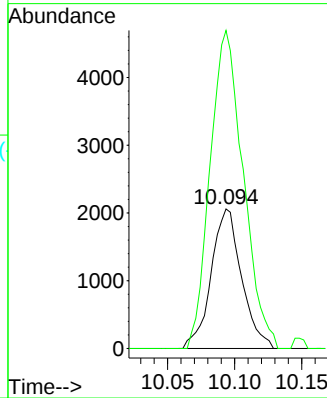
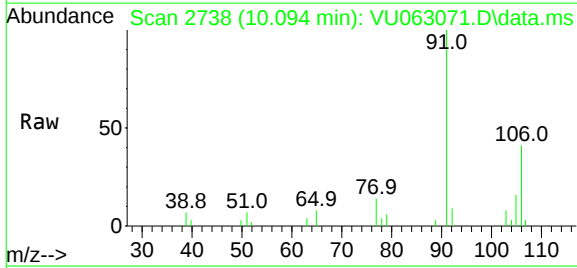
E2937DL

Tgt Ion:106 Resp: 3246

Ion Ratio Lower Upper

106 100

91 227.9 160.4 297.8



#63

1,2,4-Trimethylbenzene

Concen: 0.180 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU063071.D

Acq: 28 Jan 2025 16:53

Tgt Ion:105 Resp: 6414

Ion Ratio Lower Upper

105 100

120 47.5 34.2 51.2

