

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059769.D
 Acq On : 03 Jul 2024 03:56
 Operator : MD/SY
 Sample : P3121-12DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 05:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

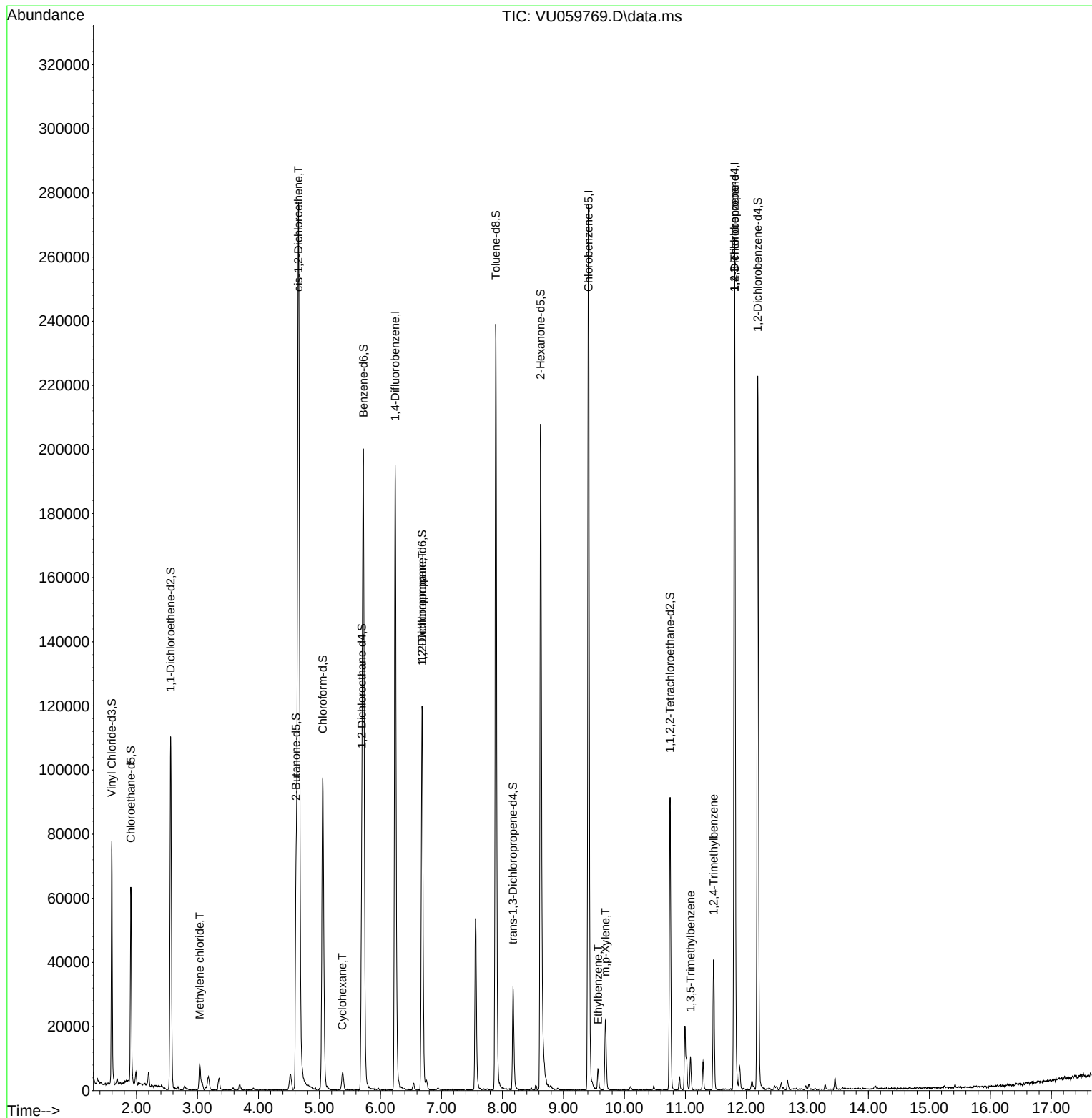
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53469	4.582	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	46188	4.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	21129	4.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.618	46	95652	39.790	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.580%
24) Chloroform-d	5.055	84	96015	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.695	65	47069	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.721	84	199201	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.682	67	61898	4.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.891	98	169625	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.174	79	19504	4.412	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.627	63	77286	42.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47473	4.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	63821	4.568	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	4020	0.285	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	151715	11.119	ug/L	94
30) Cyclohexane	5.373	56	1339	0.078	ug/L #	1
37) 1,2-Dichloropropane	6.685	63	6519	0.496	ug/L #	90
52) Ethylbenzene	9.569	91	5187	0.094	ug/L	94
53) m,p-Xylene	9.688	106	7098	0.335	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	8653	1.193	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.084	105	6115	0.159	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	22701	0.618	ug/L	96

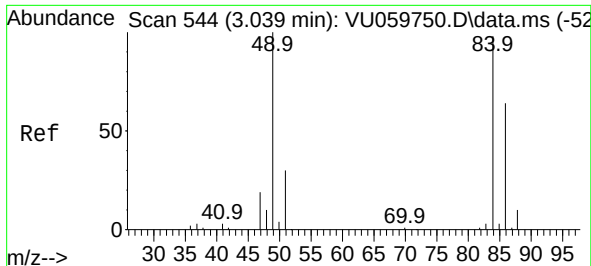
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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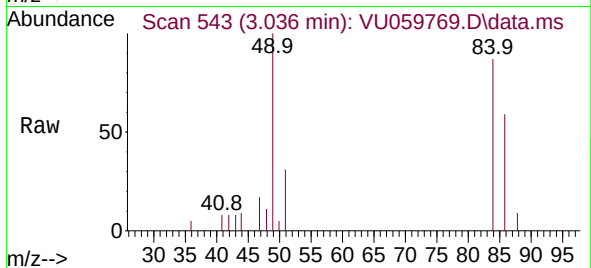
Quant Time: Jul 03 05:14:21 2024
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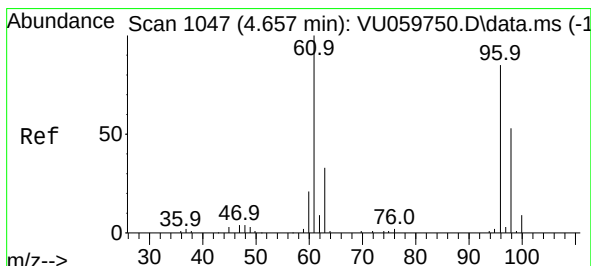
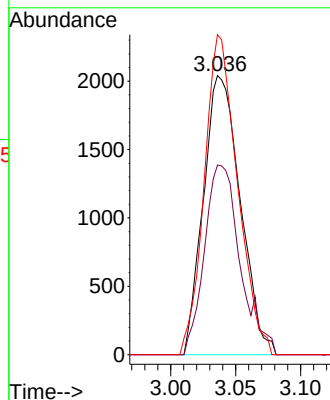
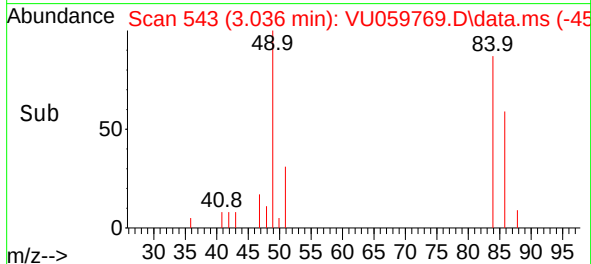


#16
Methylene chloride
Concen: 0.285 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059769.D
Acq: 03 Jul 2024 03:56

Instrument :
MSVOA_U
ClientSampleId :

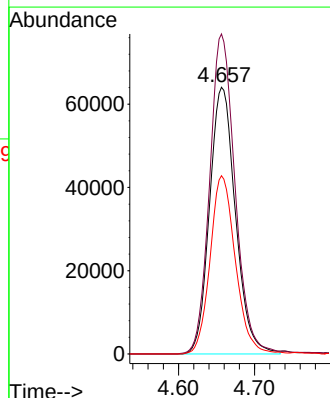
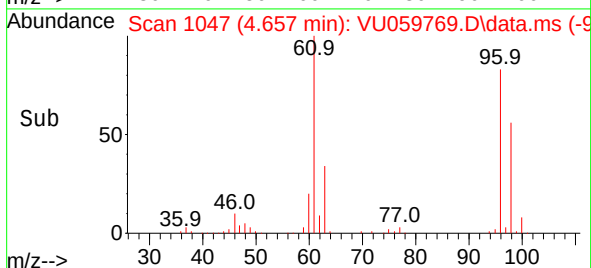
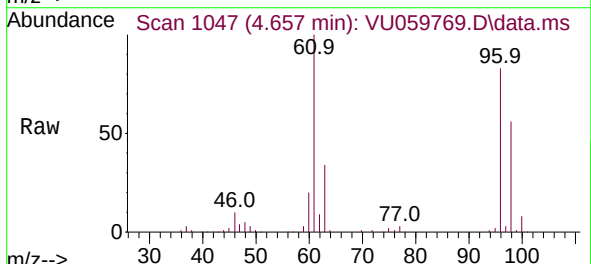


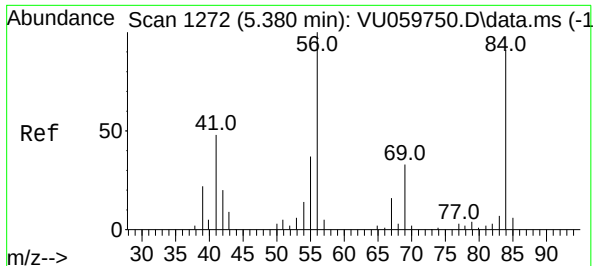
Tgt Ion: 84 Resp: 4020
Ion Ratio Lower Upper
84 100
86 67.9 42.1 78.1
49 114.6 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 11.119 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059769.D
Acq: 03 Jul 2024 03:56

Tgt Ion: 96 Resp: 151715
Ion Ratio Lower Upper
96 100
61 120.0 87.4 162.2
98 66.8 42.3 78.5





#30

Cyclohexane

Concen: 0.078 ug/L

RT: 5.373 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU059769.D

Acq: 03 Jul 2024 03:56

Instrument :

MSVOA_U

ClientSampleId :

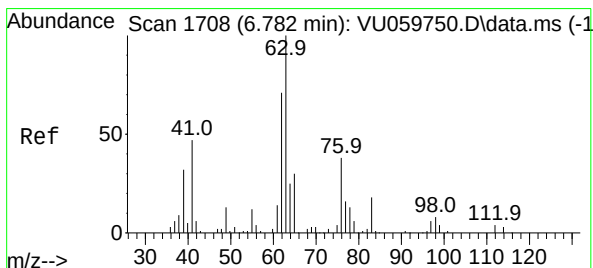
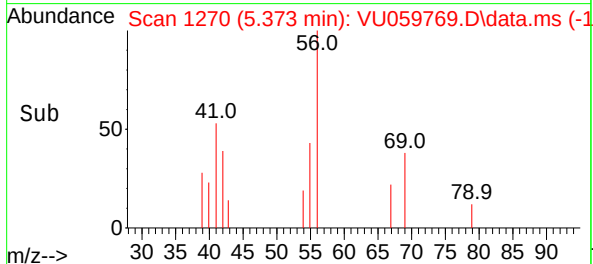
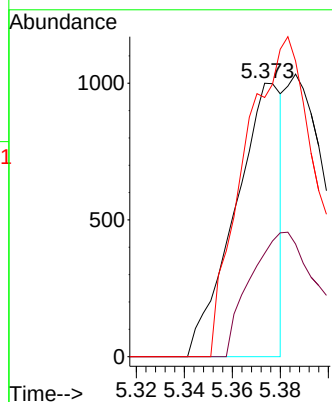
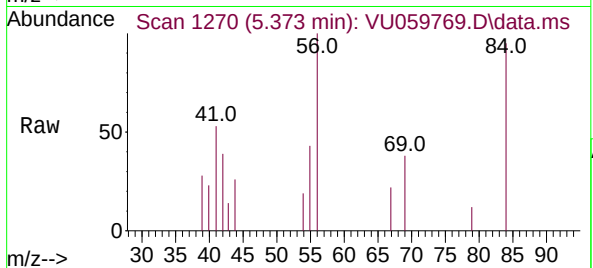
Tgt Ion: 56 Resp: 1339

Ion Ratio Lower Upper

56 100

69 64.8 24.8 37.2#

84 194.1 69.8 104.8#



#37

1,2-Dichloropropane

Concen: 0.496 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU059769.D

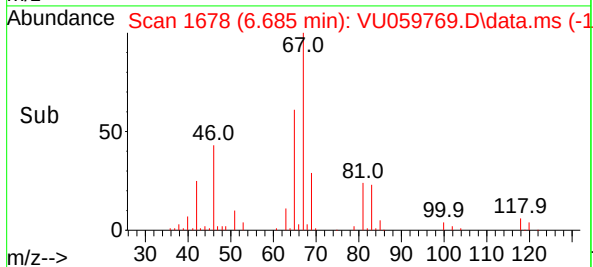
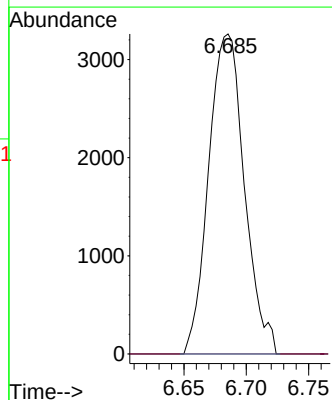
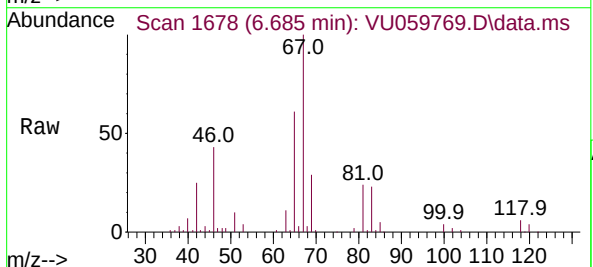
Acq: 03 Jul 2024 03:56

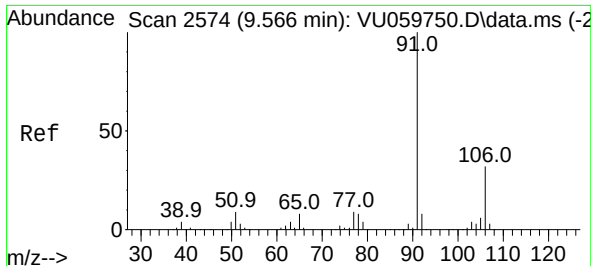
Tgt Ion: 63 Resp: 6519

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#52

Ethylbenzene

Concen: 0.094 ug/L

RT: 9.569 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU059769.D

Acq: 03 Jul 2024 03:56

Instrument :

MSVOA_U

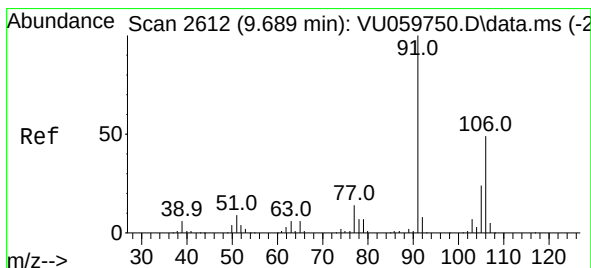
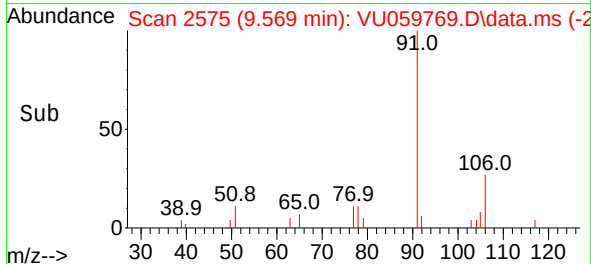
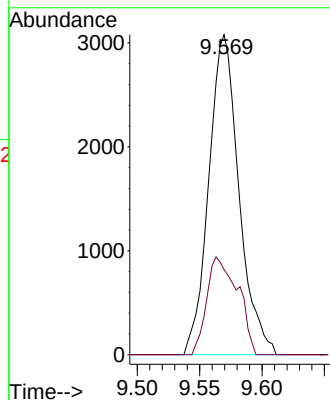
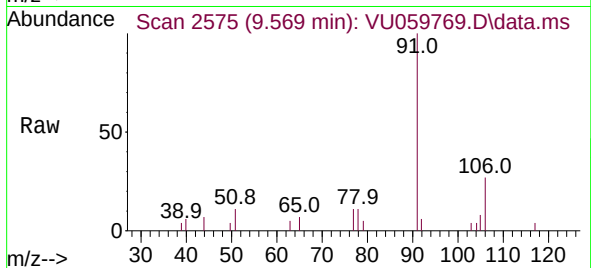
ClientSampleId :

Tgt Ion: 91 Resp: 5187

Ion Ratio Lower Upper

91 100

106 26.6 20.9 38.7



#53

m,p-Xylene

Concen: 0.335 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059769.D

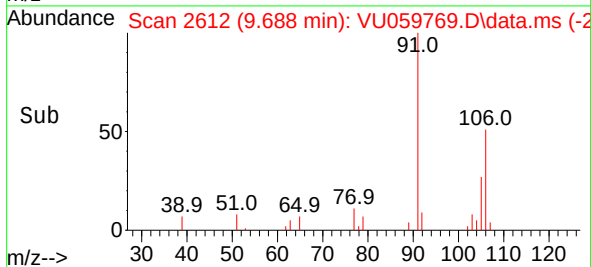
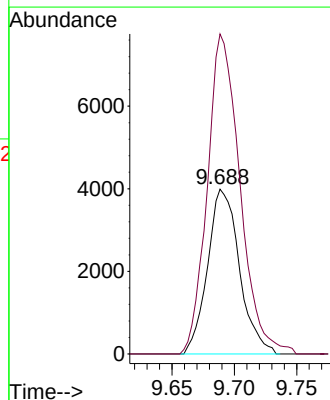
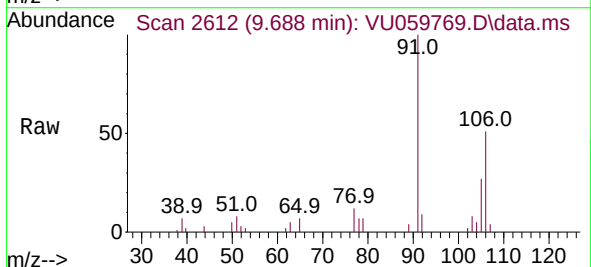
Acq: 03 Jul 2024 03:56

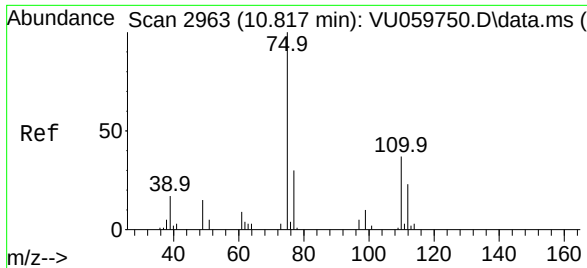
Tgt Ion:106 Resp: 7098

Ion Ratio Lower Upper

106 100

91 194.2 142.0 263.8

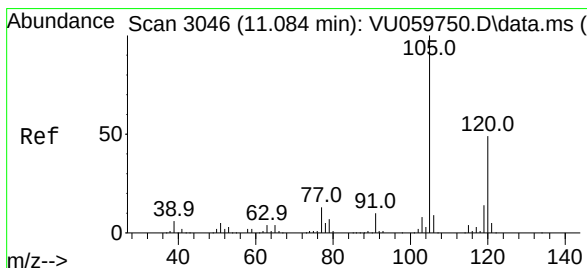
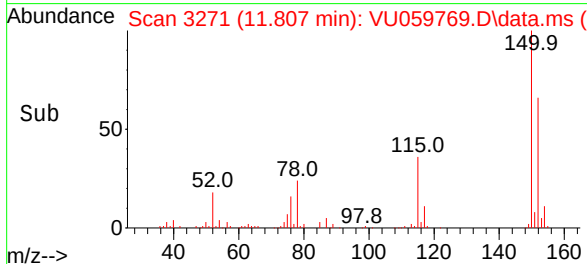
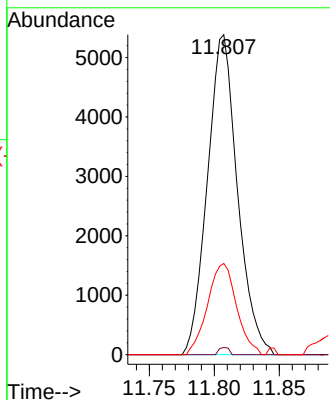
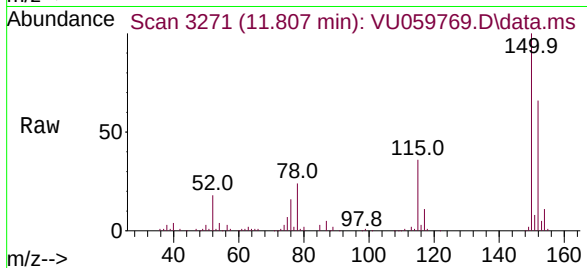




#61
1,2,3-Trichloropropane
Concen: 1.193 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059769.D
Acq: 03 Jul 2024 03:56

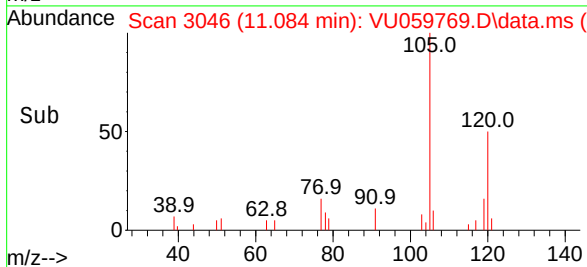
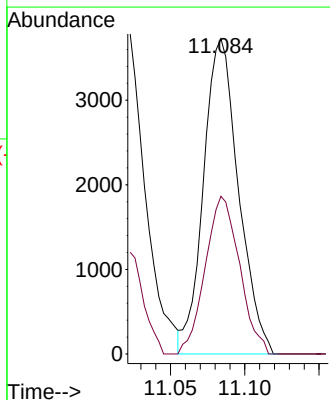
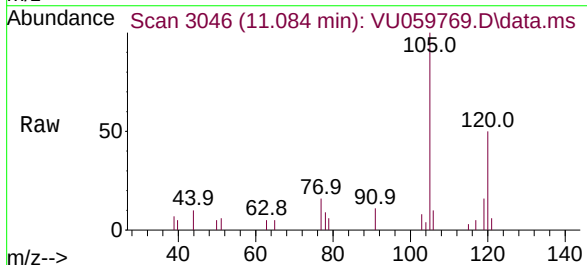
Instrument :
MSVOA_U
ClientSampleId :

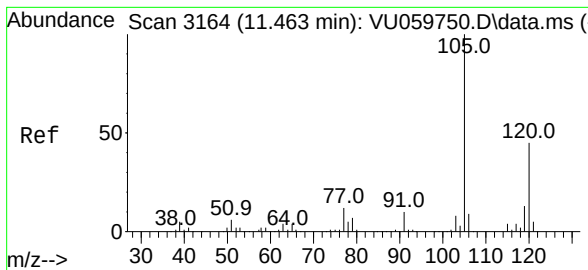
Tgt Ion: 75 Resp: 8653
Ion Ratio Lower Upper
75 100
110 0.7 27.1 40.7#
77 27.5 25.4 38.2



#62
1,3,5-Trimethylbenzene
Concen: 0.159 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059769.D
Acq: 03 Jul 2024 03:56

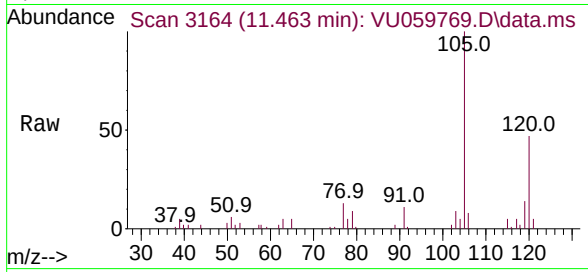
Tgt Ion:105 Resp: 6115
Ion Ratio Lower Upper
105 100
120 48.9 38.2 57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.618 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU059769.D
 Acq: 03 Jul 2024 03:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 22701
 Ion Ratio Lower Upper
 105 100
 120 46.5 35.4 53.0

