

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060839.D
 Acq On : 17 Sep 2024 17:43
 Operator : MD/SY
 Sample : P3973-11 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:20:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

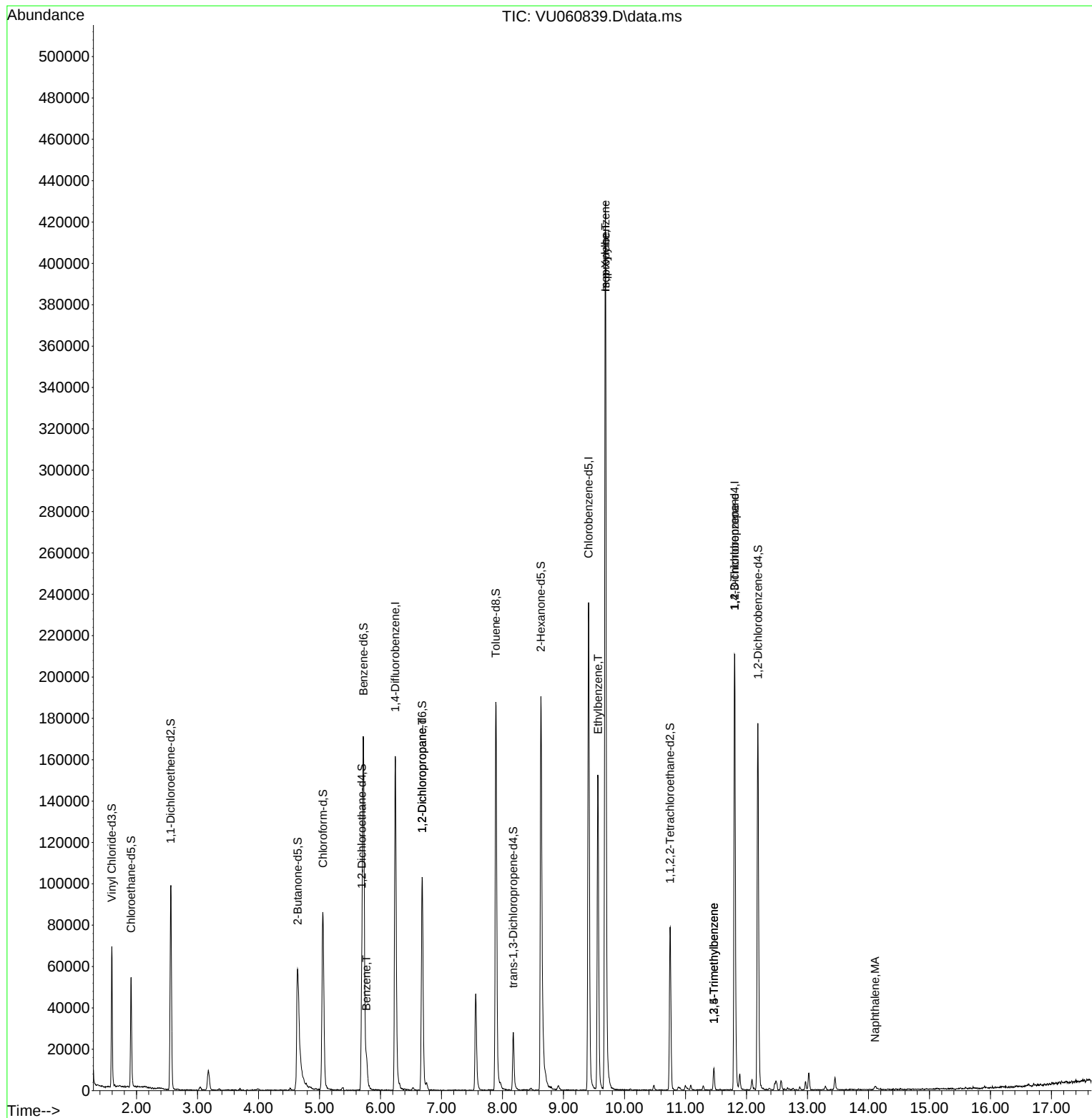
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49291	3.873	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	39325	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	19702	4.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.640	46	93675	45.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.700%
24) Chloroform-d	5.055	84	86325	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	42183	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.721	84	167617	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	54033	4.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.891	98	137774	3.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	18518	4.155	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.630	63	71071	40.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43068	4.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	51744	4.835	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
33) Benzene	5.769	78	14714	0.358	ug/L	100
37) 1,2-Dichloropropane	6.682	63	5584	0.494	ug/L #	93
52) Ethylbenzene	9.566	91	112513	2.490	ug/L	100
53) m,p-Xylene	9.688	106	131106	7.651	ug/L	100
60) Isopropylbenzene	9.688	105	66616	1.765	ug/L #	33
61) 1,2,3-Trichloropropane	11.804	75	7090	1.194	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.466	105	6456	0.220	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	6456	0.223	ug/L	95
71) Naphthalene	14.106	128	2545	0.193	ug/L #	87

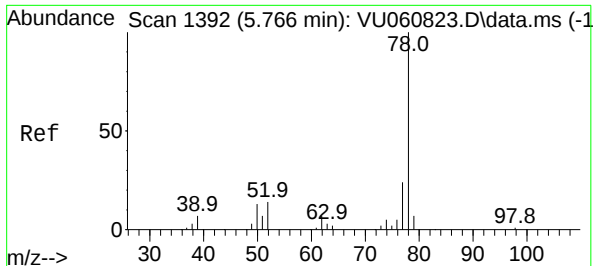
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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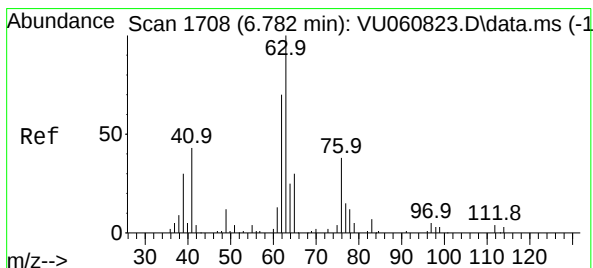
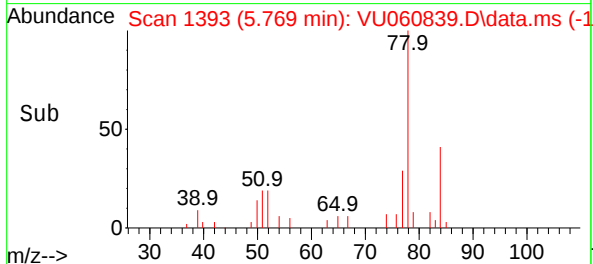
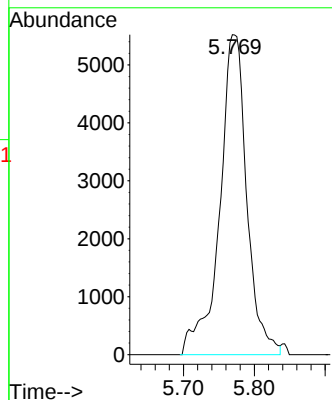
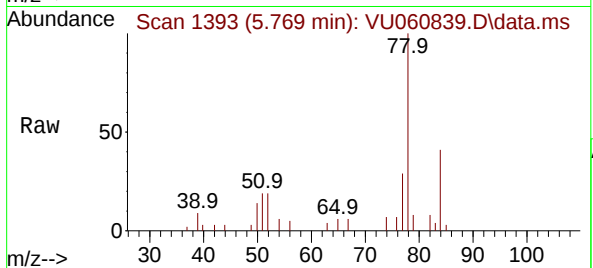




#33
Benzene
Concen: 0.358 ug/L
RT: 5.769 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU060839.D
Acq: 17 Sep 2024 17:43

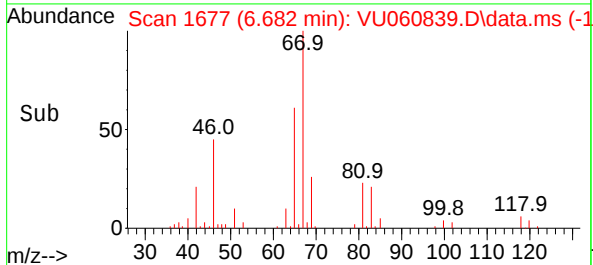
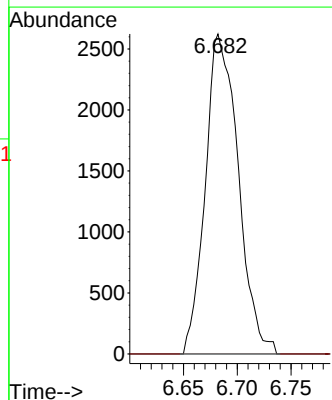
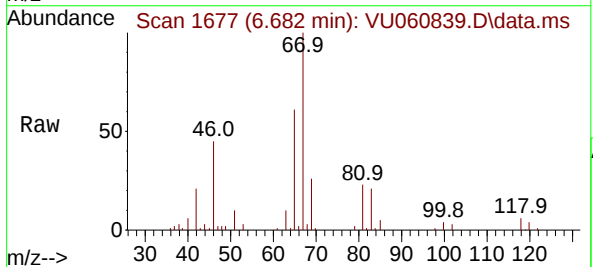
Instrument :
MSVOA_U
ClientSampleId :

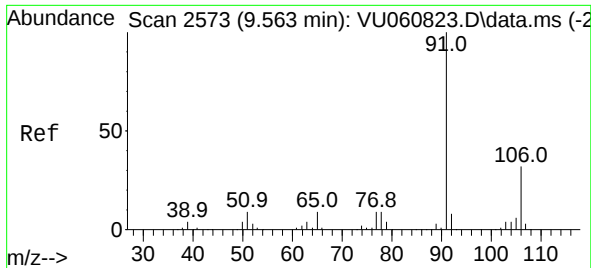
Tgt Ion: 78 Resp: 14714



#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060839.D
Acq: 17 Sep 2024 17:43

Tgt Ion: 63 Resp: 5584
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#

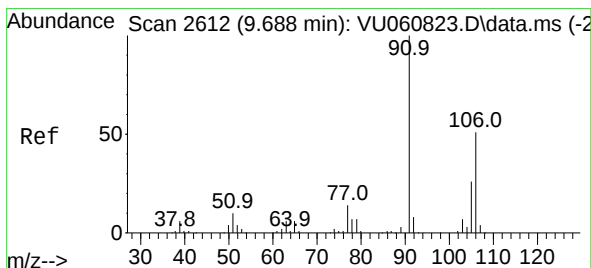
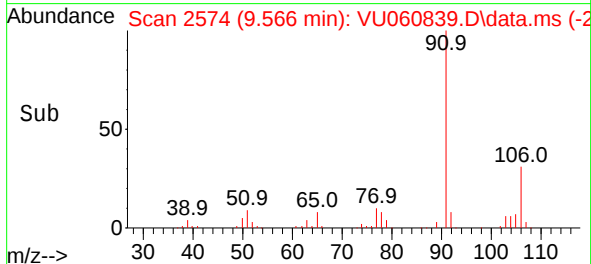
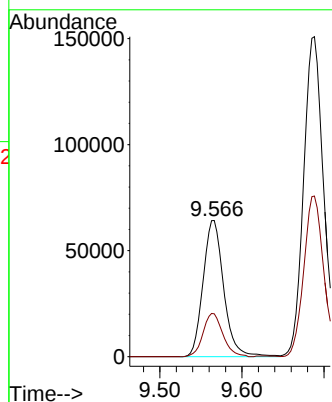
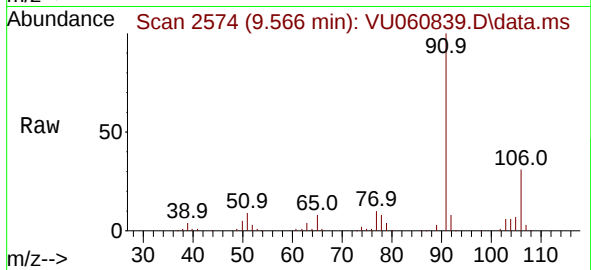




#52
Ethylbenzene
Concen: 2.490 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU060839.D
Acq: 17 Sep 2024 17:43

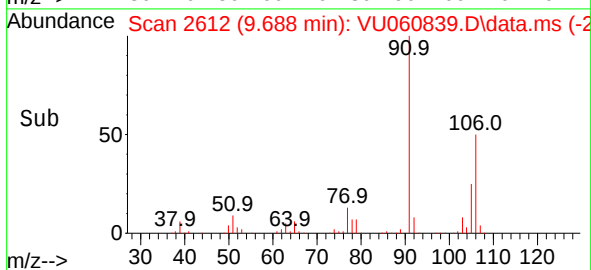
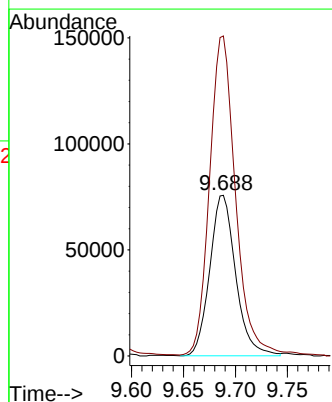
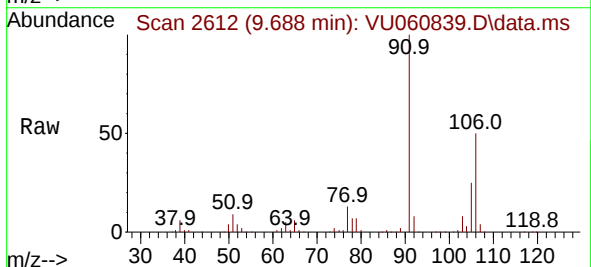
Instrument :
MSVOA_U
ClientSampleId :

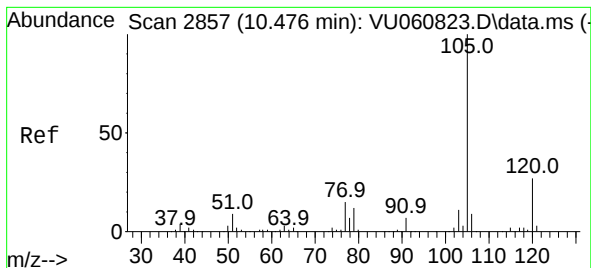
Tgt Ion: 91 Resp: 112513
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.6



#53
m,p-Xylene
Concen: 7.651 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060839.D
Acq: 17 Sep 2024 17:43

Tgt Ion: 106 Resp: 131106
Ion Ratio Lower Upper
106 100
91 199.2 139.7 259.4





#60

Isopropylbenzene

Concen: 1.765 ug/L

RT: 9.688 min Scan# 2

Delta R.T. -0.788 min

Lab File: VU060839.D

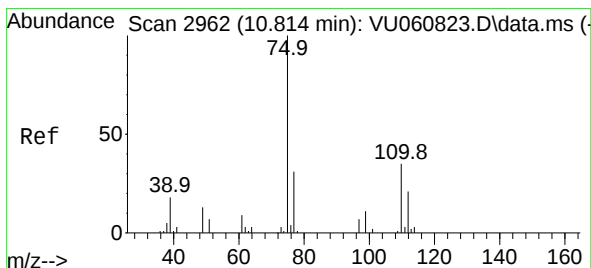
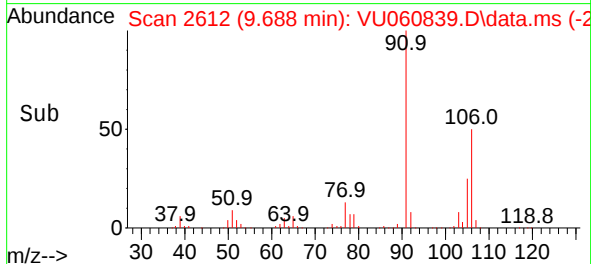
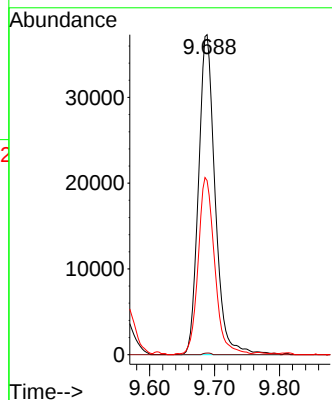
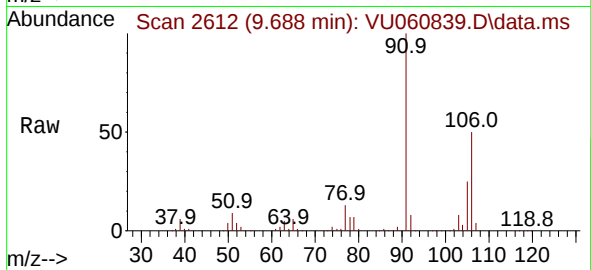
Acq: 17 Sep 2024 17:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	66616
Ion Ratio	Lower	Upper
105	100	
120	0.2	21.5 32.3#
77	55.0	12.6 18.8#



#61

1,2,3-Trichloropropane

Concen: 1.194 ug/L

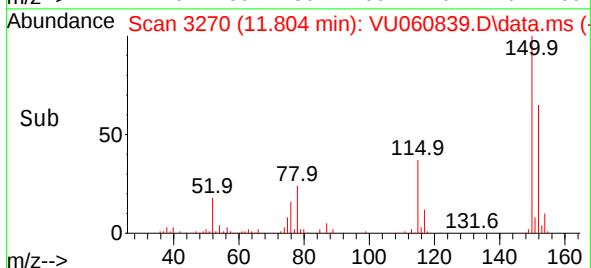
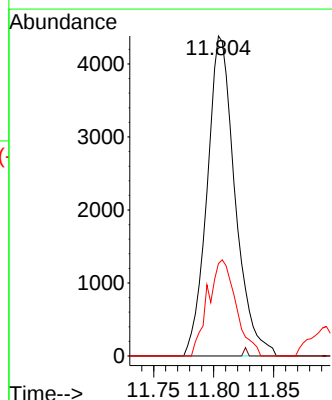
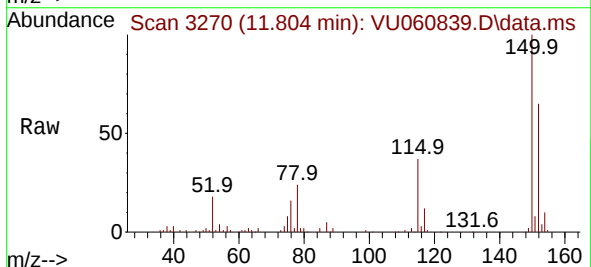
RT: 11.804 min Scan# 3270

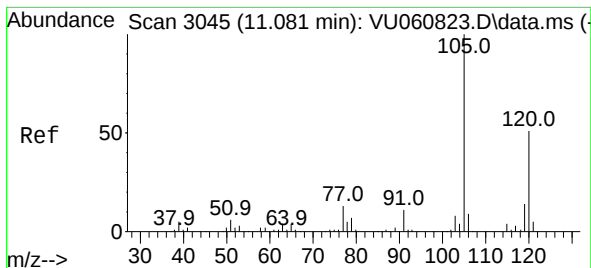
Delta R.T. 0.990 min

Lab File: VU060839.D

Acq: 17 Sep 2024 17:43

Tgt Ion: 75	Resp:	7090
Ion Ratio	Lower	Upper
75	100	
110	0.3	28.6 43.0#
77	30.3	26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 0.220 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.386 min

Lab File: VU060839.D

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Instrument :

MSVOA_U

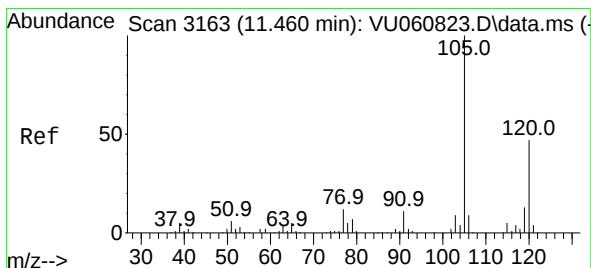
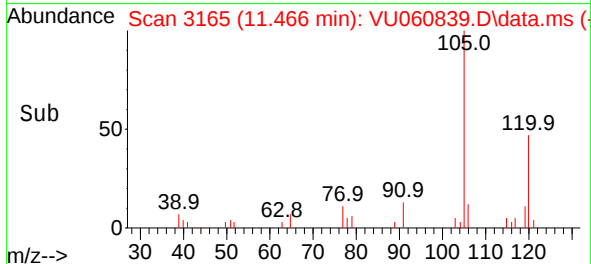
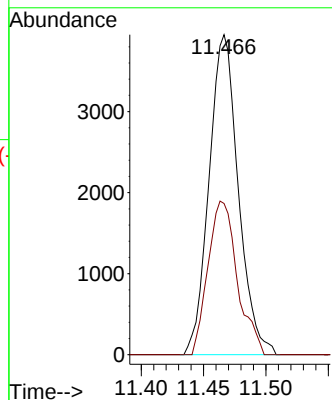
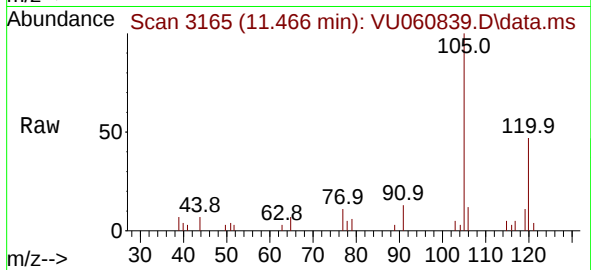
ClientSampleId :

Tgt Ion:105 Resp: 6456

Ion Ratio Lower Upper

105 100

120 48.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 0.223 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU060839.D

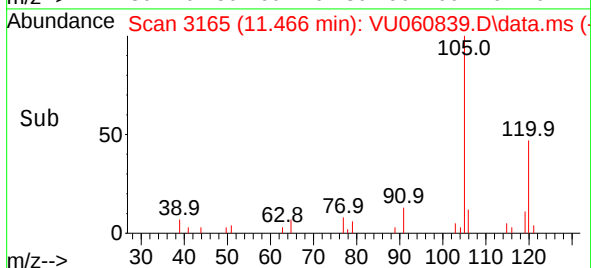
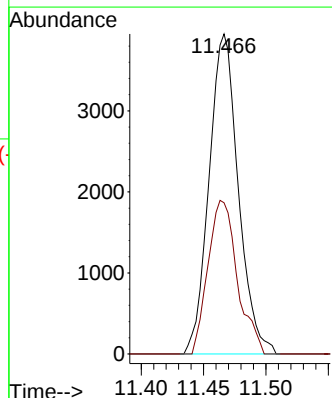
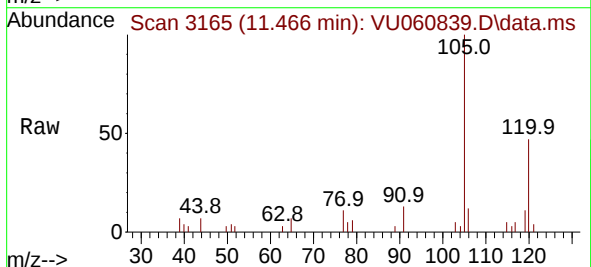
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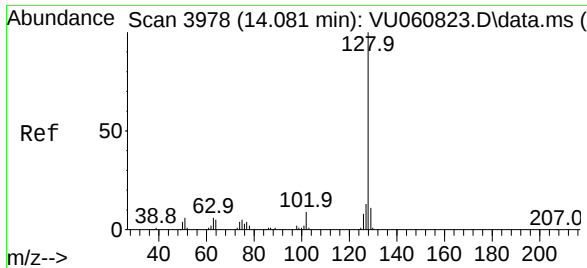
Tgt Ion:105 Resp: 6456

Ion Ratio Lower Upper

105 100

120 48.0 36.1 54.1





#71

Naphthalene

Concen: 0.193 ug/L

RT: 14.106 min Scan# 3986

Delta R.T. 0.026 min

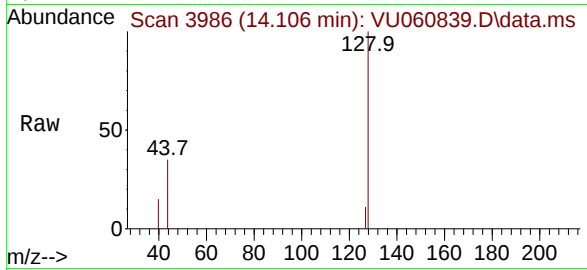
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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 2545

Ion Ratio Lower Upper

128 100

129 3.7 8.3 12.5#

127 9.8 10.7 16.1#

