

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060876.D
 Acq On : 18 Sep 2024 17:37
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:16:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

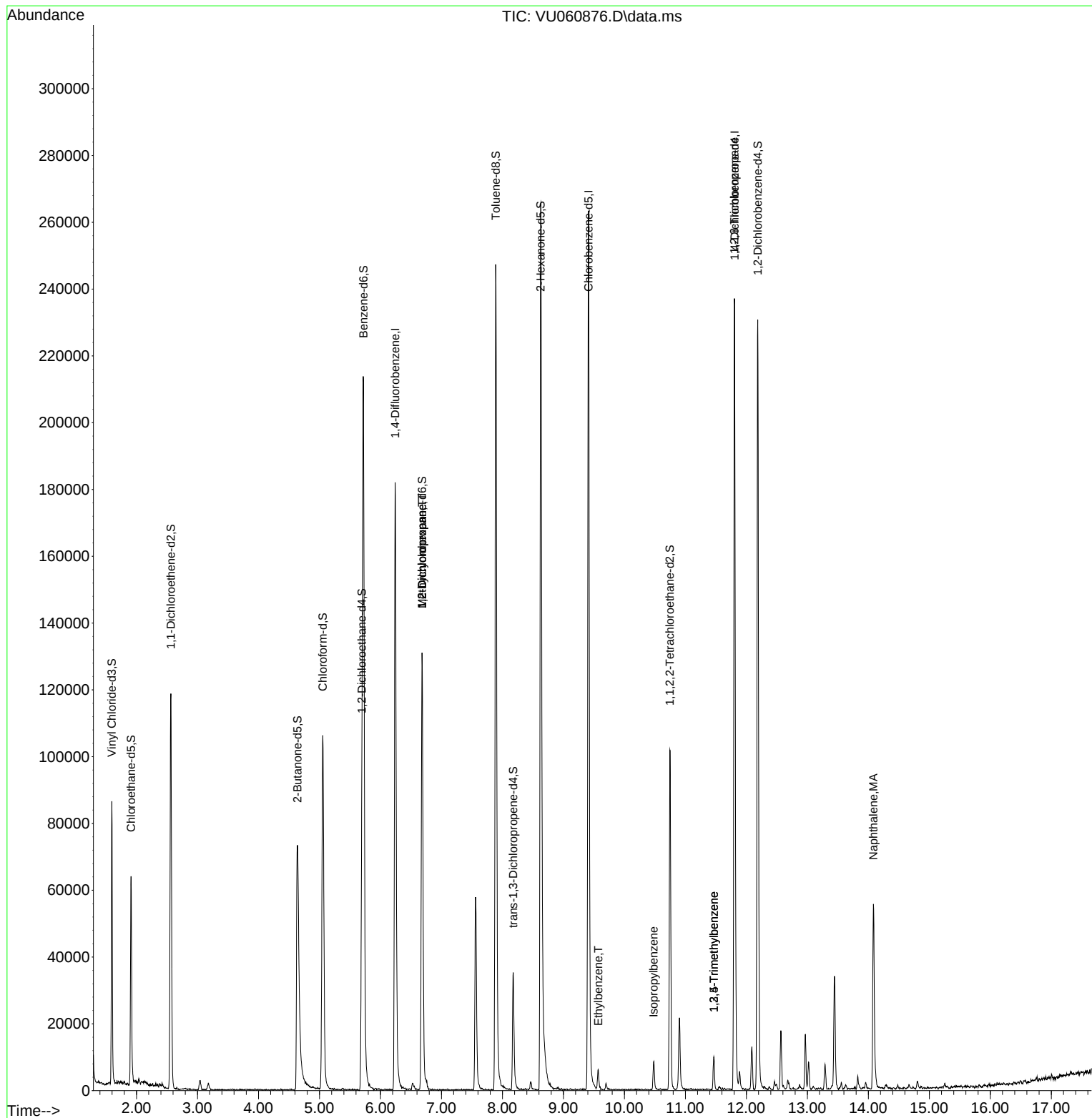
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73339	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61009	4.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.911	69	48415	4.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.563	65	22563	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.637	46	124848	53.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.640%
24) Chloroform-d	5.055	84	105319	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	53189	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	215791	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	69121	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	185238	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	23308	4.618	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	103668	52.068	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54560	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	68126	5.528	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	16070	0.961	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6934	0.541	ug/L #	93
52) Ethylbenzene	9.573	91	4791	0.094	ug/L	92
60) Isopropylbenzene	10.479	105	6598	0.152	ug/L #	94
61) 1,2,3-Trichloropropane	11.804	75	7629	1.115	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.467	105	6150	0.182	ug/L	95
63) 1,2,4-Trimethylbenzene	11.467	105	6150	0.184	ug/L	100
71) Naphthalene	14.084	128	55230	3.637	ug/L	100

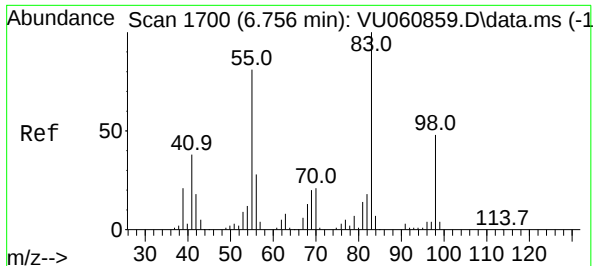
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.961 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060876.D

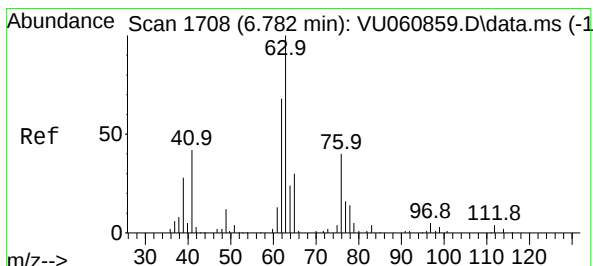
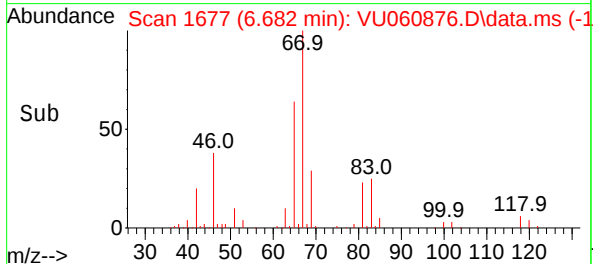
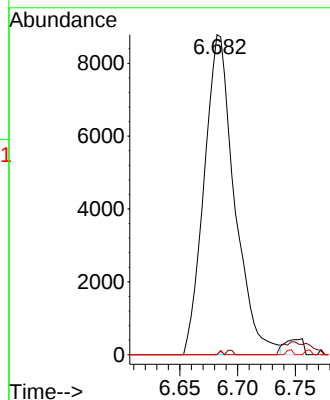
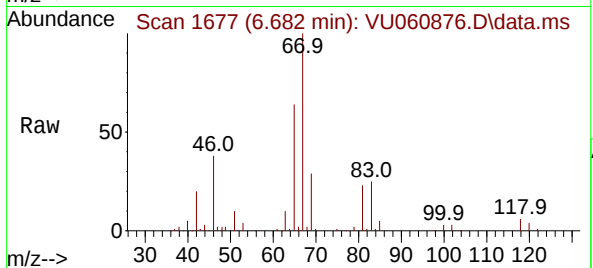
Acq: 18 Sep 2024 17:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16070
Ion Ratio	Lower Upper
83	100
55	0.4 62.6 94.0#
98	0.1 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.541 ug/L

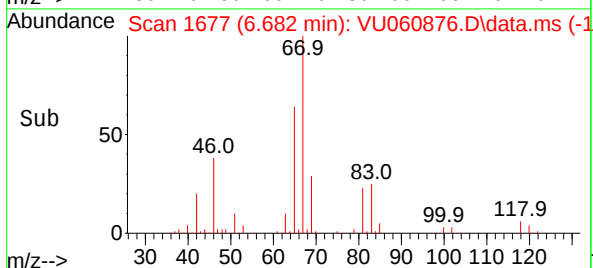
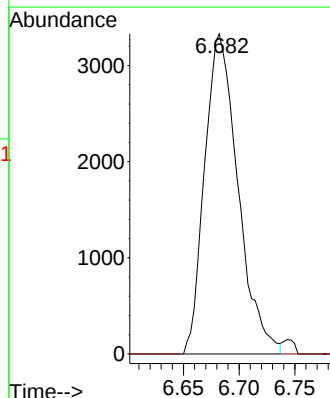
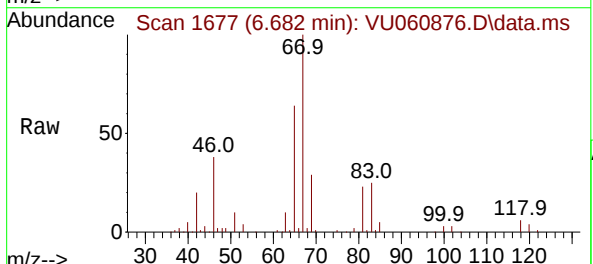
RT: 6.682 min Scan# 1677

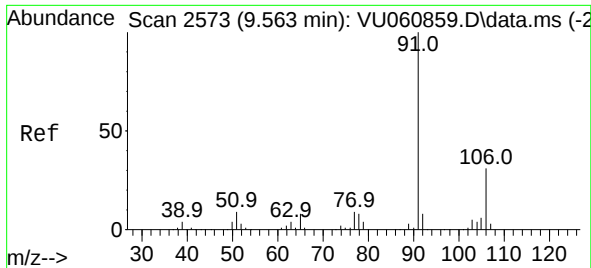
Delta R.T. -0.100 min

Lab File: VU060876.D

Acq: 18 Sep 2024 17:37

Tgt Ion: 63	Resp: 6934
Ion Ratio	Lower Upper
63	100
112	0.0 2.0 3.0#





#52

Ethylbenzene

Concen: 0.094 ug/L

RT: 9.573 min Scan# 2573

Delta R.T. 0.010 min

Lab File: VU060876.D

Acq: 18 Sep 2024 17:37

Instrument :

MSVOA_U

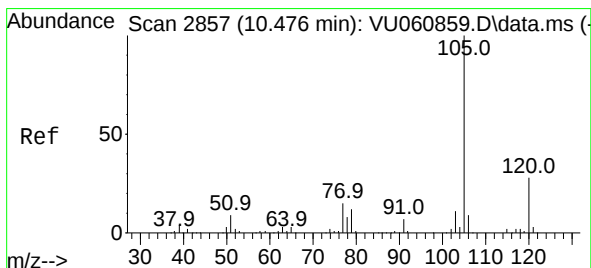
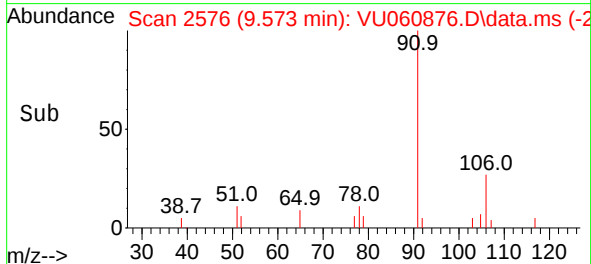
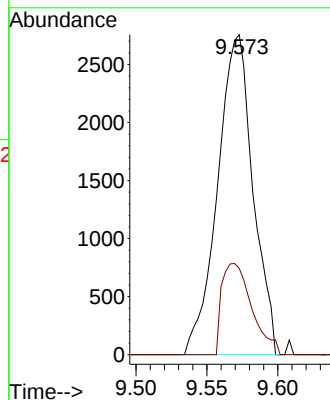
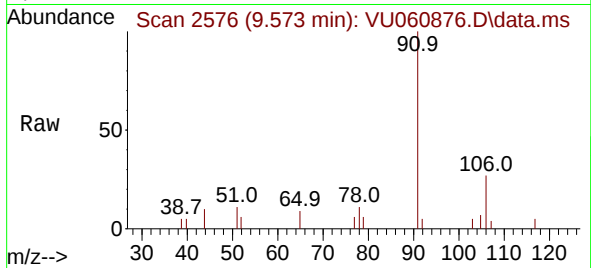
ClientSampleId :

Tgt Ion: 91 Resp: 4791

Ion Ratio Lower Upper

91 100

106 26.9 21.8 40.6



#60

Isopropylbenzene

Concen: 0.152 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU060876.D

Acq: 18 Sep 2024 17:37

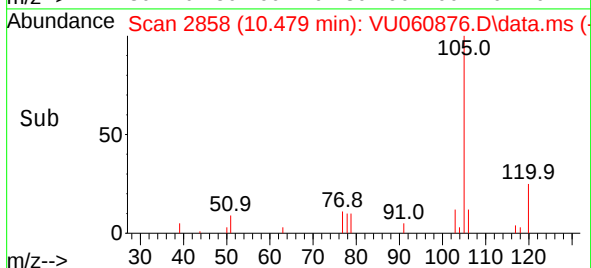
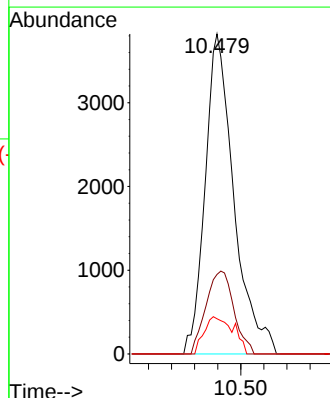
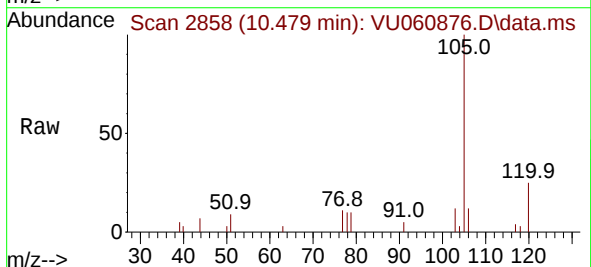
Tgt Ion: 105 Resp: 6598

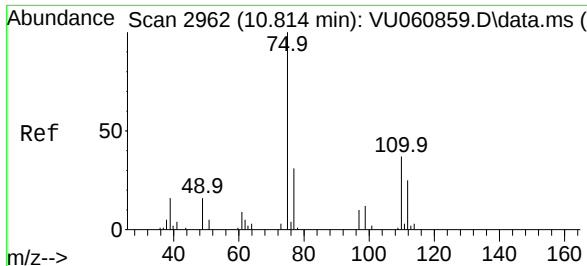
Ion Ratio Lower Upper

105 100

120 25.2 21.5 32.3

77 11.7 12.6 18.8#





#61

1,2,3-Trichloropropane

Concen: 1.115 ug/L

RT: 11.804 min Scan# 3165

Delta R.T. 0.990 min

Lab File: VU060876.D

Acq: 18 Sep 2024 17:37

Instrument :

MSVOA_U

ClientSampleId :

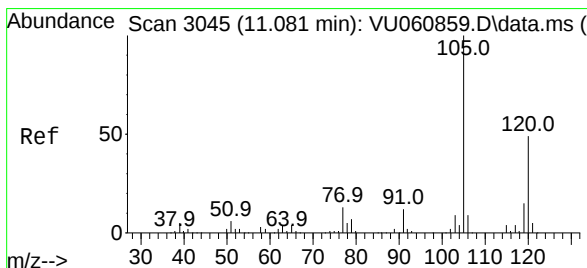
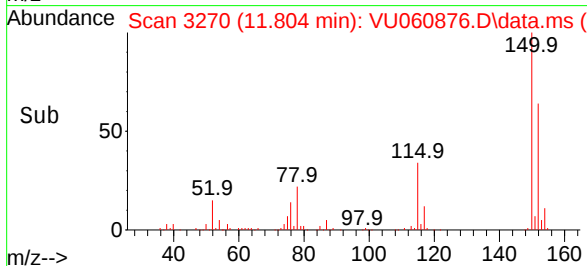
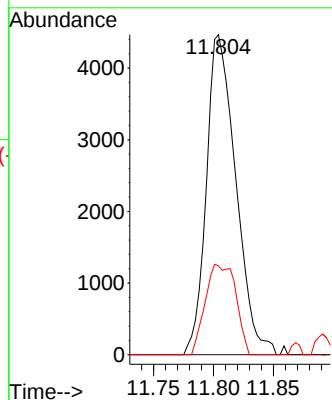
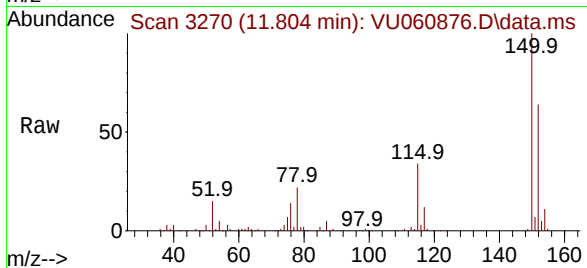
Tgt Ion: 75 Resp: 7629

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 29.1 26.3 39.5



#62

1,3,5-Trimethylbenzene

Concen: 0.182 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.386 min

Lab File: VU060876.D

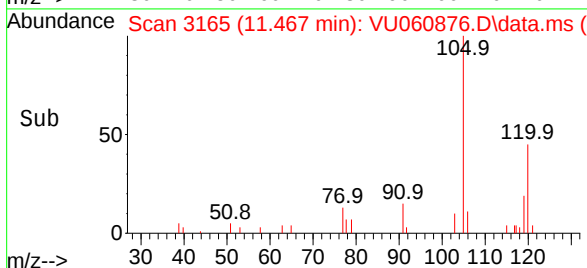
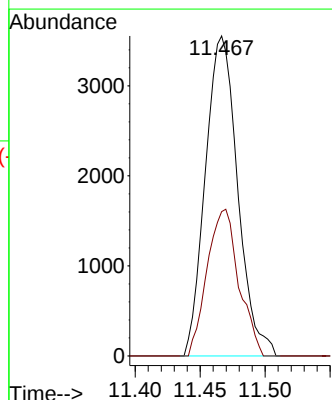
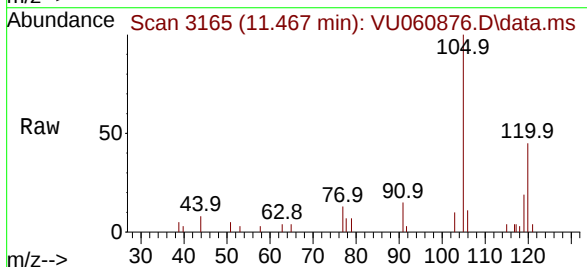
Acq: 18 Sep 2024 17:37

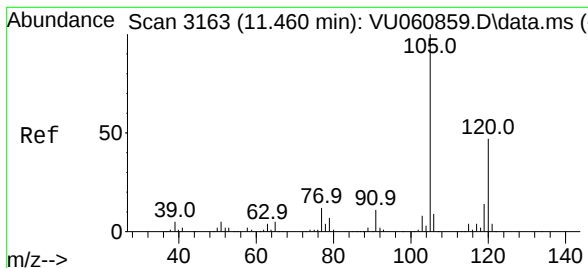
Tgt Ion:105 Resp: 6150

Ion Ratio Lower Upper

105 100

120 44.9 38.5 57.7





#63

1,2,4-Trimethylbenzene

Concen: 0.184 ug/L

RT: 11.467 min Scan# 3163

Delta R.T. 0.006 min

Lab File: VU060876.D

Acq: 18 Sep 2024 17:37

Instrument :

MSVOA_U

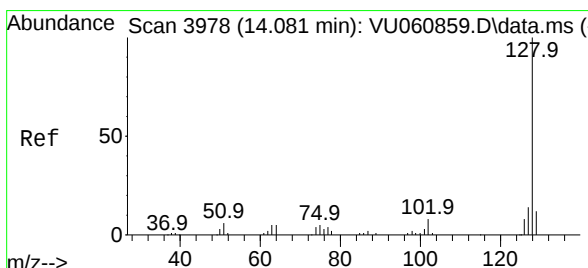
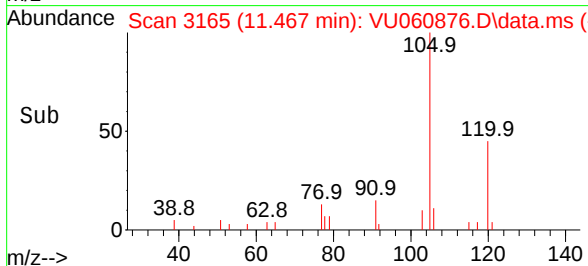
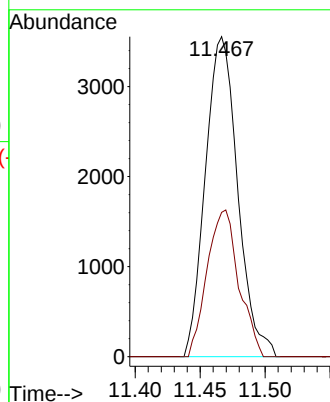
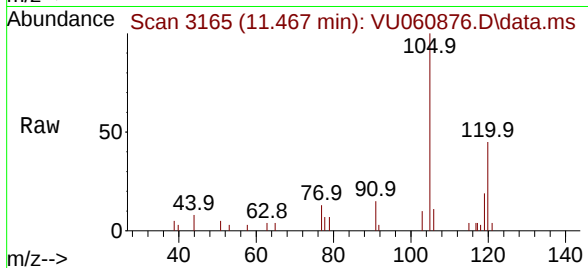
ClientSampleId :

Tgt Ion:105 Resp: 6150

Ion Ratio Lower Upper

105 100

120 44.9 36.1 54.1



#71

Naphthalene

Concen: 3.637 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU060876.D

Acq: 18 Sep 2024 17:37

Tgt Ion:128 Resp: 55230

Ion Ratio Lower Upper

128 100

129 10.1 8.3 12.5

127 13.5 10.7 16.1

