

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060875.D
 Acq On : 18 Sep 2024 17:12
 Operator : MD/SY
 Sample : P3973-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5

Quant Time: Sep 19 05:15:43 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)

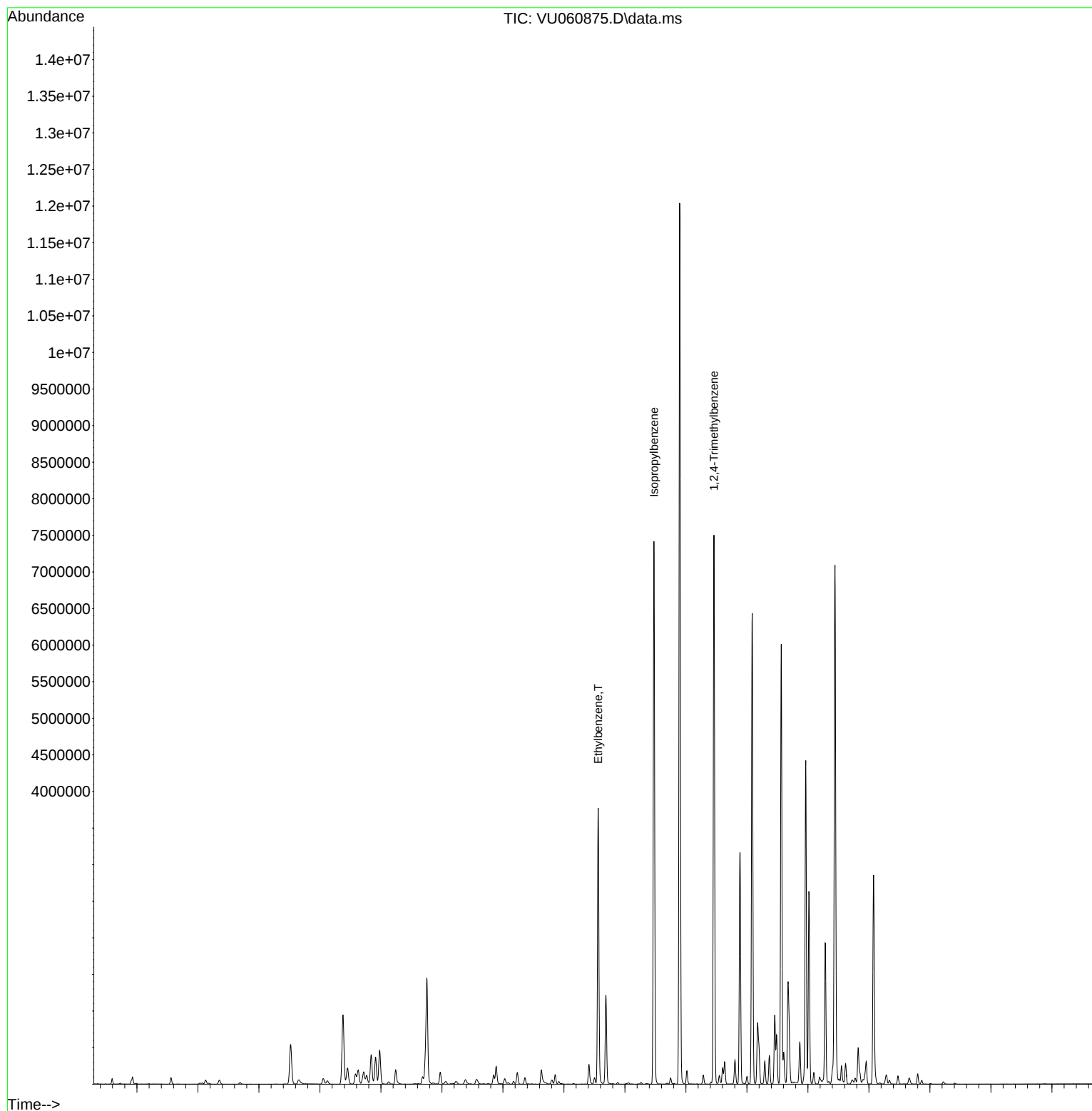
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175139	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165849	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	93945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42429	2.693	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.907	69	35929	3.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.557	65	17411	3.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.647	46	74425	29.430	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.860%
24) Chloroform-d	5.052	84	78454	3.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.200%#
26) 1,2-Dichloroethane-d4	5.695	65	37206	3.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
32) Benzene-d6	5.717	84	164462	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.682	67	51722	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.891	98	149784	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.174	79	18393	3.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.627	63	84662	43.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	44337	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	66311	4.201	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	13596	0.900	ug/L	86
8) Chloroethane	1.930	64	66902	7.245	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	11356	0.899	ug/L	95
30) Cyclohexane	5.380	56	502226	34.126	ug/L	99
33) Benzene	5.766	78	123368	2.705	ug/L	100
35) Methylcyclohexane	6.753	83	652236	39.767	ug/L	98
51) Chlorobenzene	9.444	112	5209	0.163	ug/L	99
52) Ethylbenzene	9.563	91	2705012	53.889	ug/L	99
53) m,p-Xylene	9.688	106	335093	17.606	ug/L	99
60) Isopropylbenzene	10.476	105	4873996	87.546	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	4175766	97.671	ug/L	99

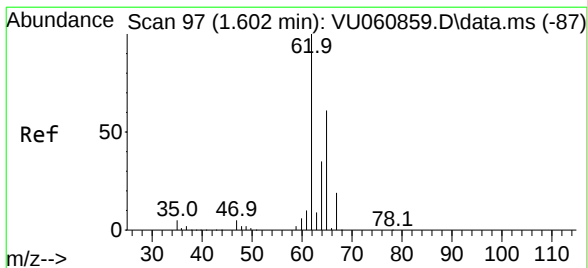
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.900 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU060875.D

Acq: 18 Sep 2024 17:12

Instrument :

MSVOA_U

ClientSampleId :

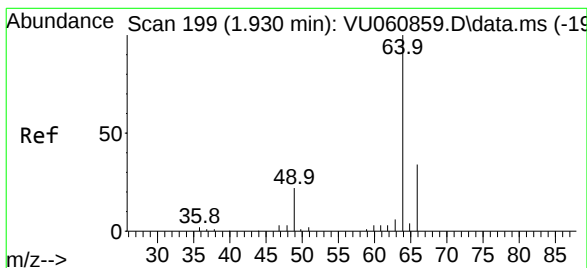
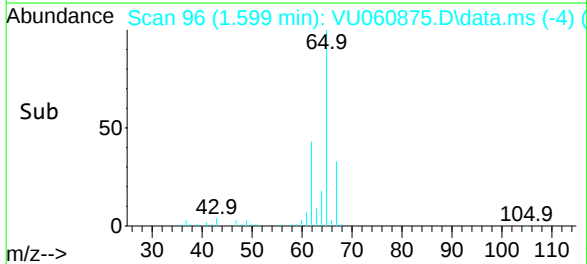
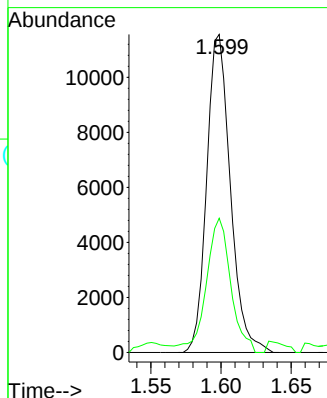
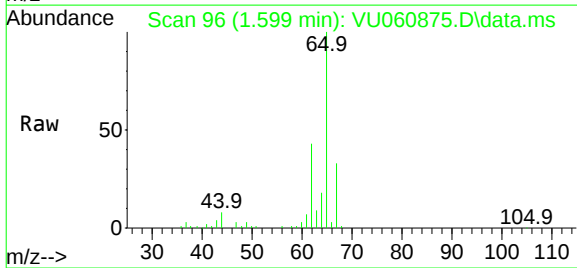
C0AT5

Tgt Ion: 62 Resp: 13596

Ion Ratio Lower Upper

62 100

64 42.2 24.0 44.6



#8

Chloroethane

Concen: 7.245 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU060875.D

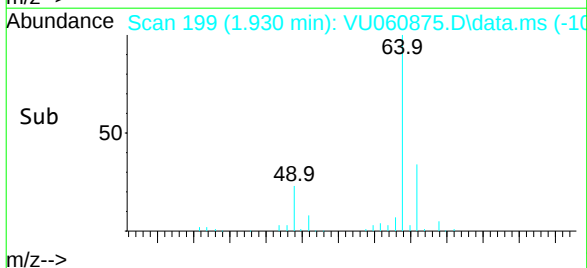
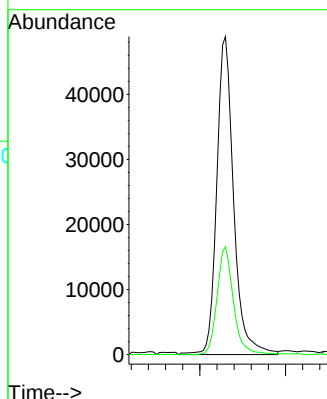
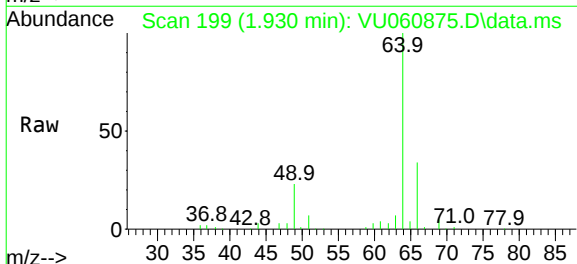
Acq: 18 Sep 2024 17:12

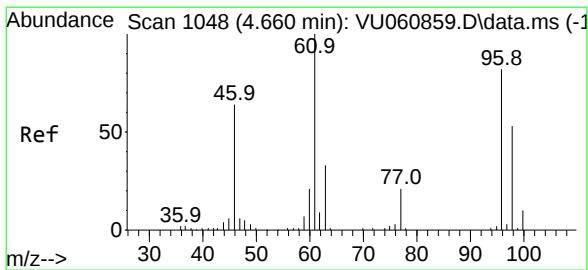
Tgt Ion: 64 Resp: 66902

Ion Ratio Lower Upper

64 100

66 33.9 22.3 41.3

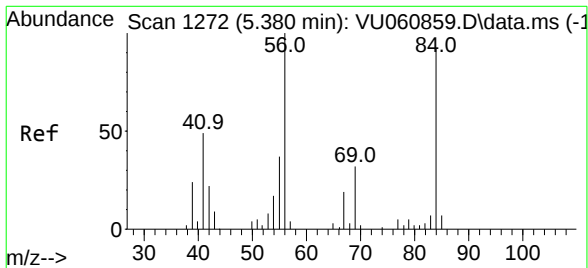
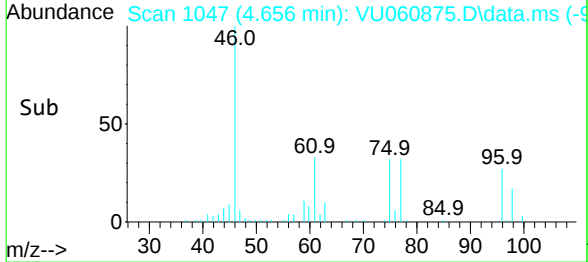
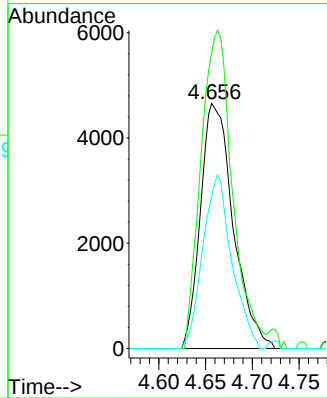
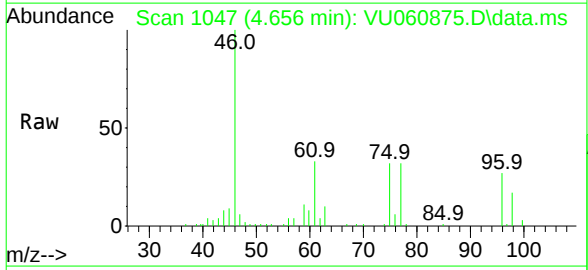




#22
 cis-1,2-Dichloroethene
 Concen: 0.899 ug/L
 RT: 4.656 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU060875.D
 Acq: 18 Sep 2024 17:12

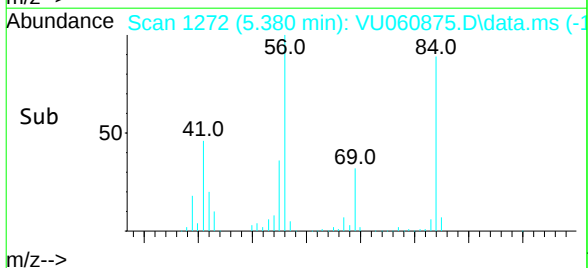
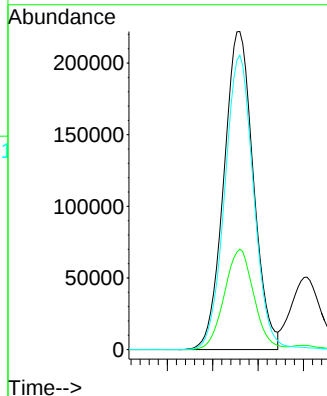
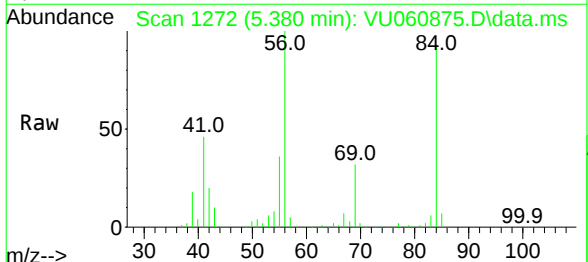
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5

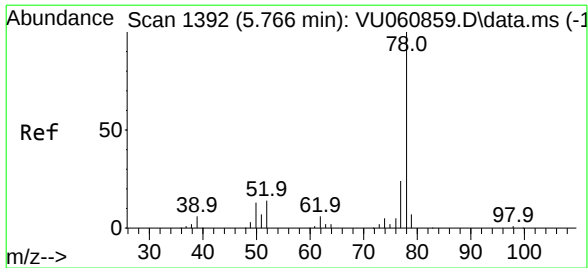
Tgt Ion:	96	Resp:	11356
Ion	Ratio	Lower	Upper
96	100		
61	120.8	89.7	166.5
98	62.2	45.1	83.9



#30
 Cyclohexane
 Concen: 34.126 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VU060875.D
 Acq: 18 Sep 2024 17:12

Tgt Ion:	56	Resp:	502226
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.4	38.0
84	90.6	71.0	106.6





#33

Benzene

Concen: 2.705 ug/L

RT: 5.766 min Scan# 13

Delta R.T. -0.000 min

Lab File: VU060875.D

Acq: 18 Sep 2024 17:12

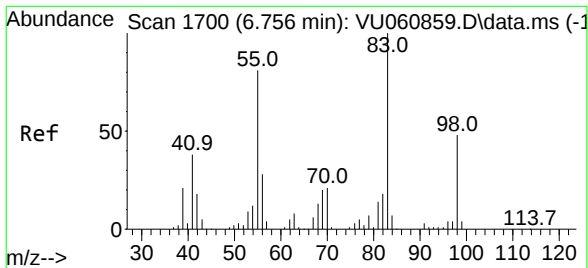
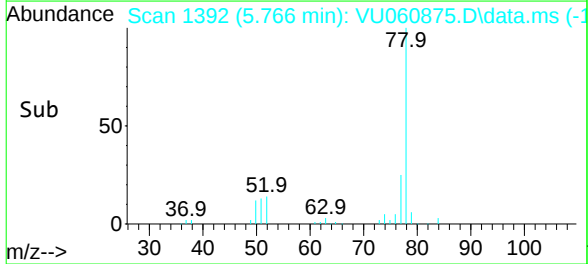
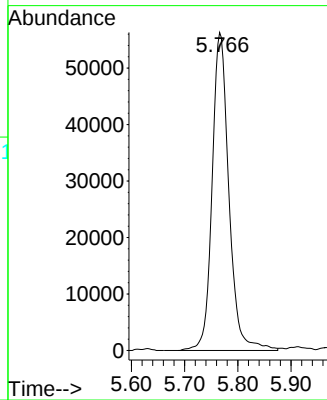
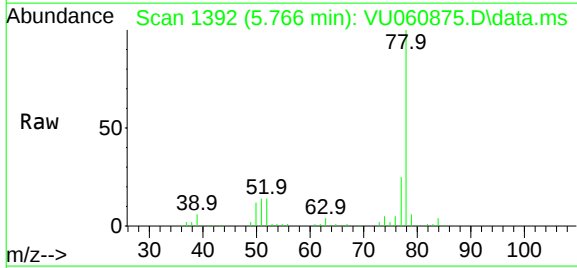
Instrument :

MSVOA_U

ClientSampleId :

C0AT5

Tgt Ion: 78 Resp: 123368



#35

Methylcyclohexane

Concen: 39.767 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU060875.D

Acq: 18 Sep 2024 17:12

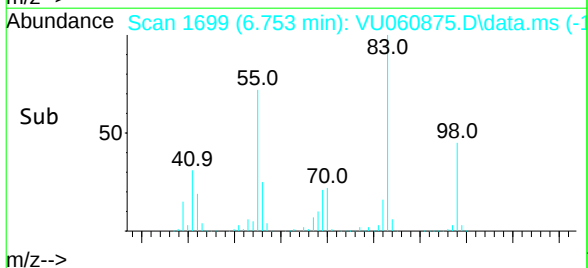
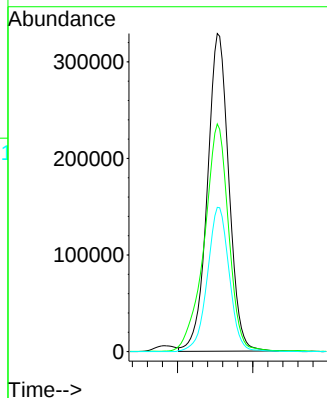
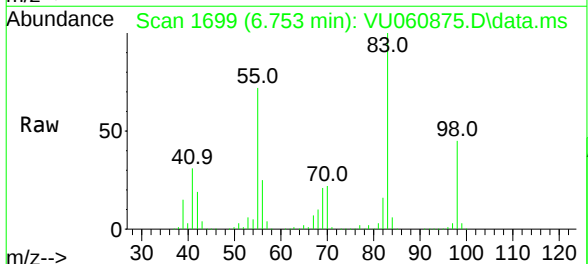
Tgt Ion: 83 Resp: 652236

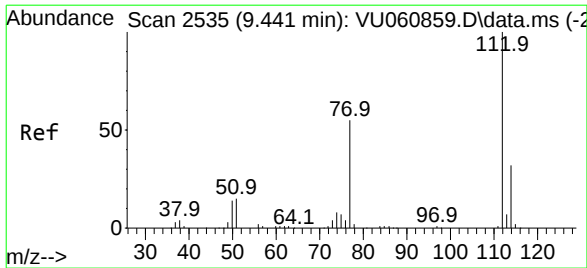
Ion Ratio Lower Upper

83 100

55 80.8 62.6 94.0

98 46.2 37.6 56.4





#51

Chlorobenzene

Concen: 0.163 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060875.D

Acq: 18 Sep 2024 17:12

Instrument :

MSVOA_U

ClientSampleId :

C0AT5

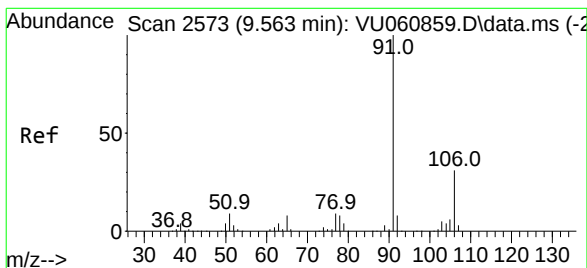
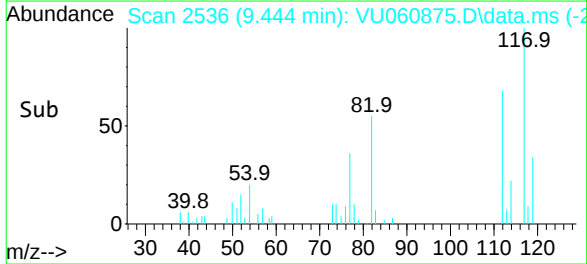
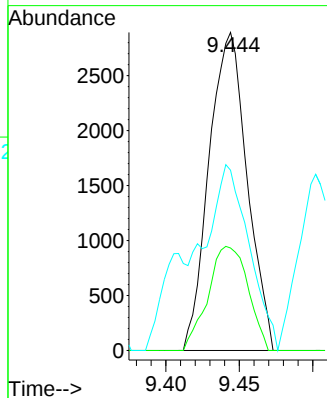
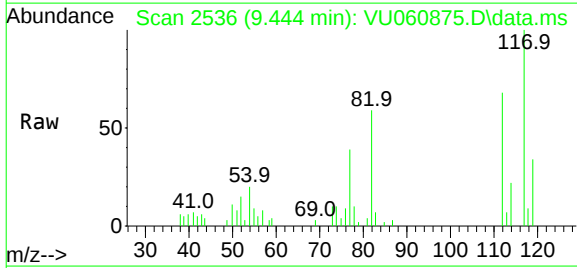
Tgt Ion:112 Resp: 5209

Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

77 56.7 46.1 69.1



#52

Ethylbenzene

Concen: 53.889 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060875.D

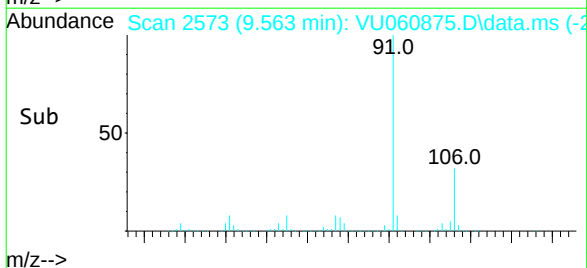
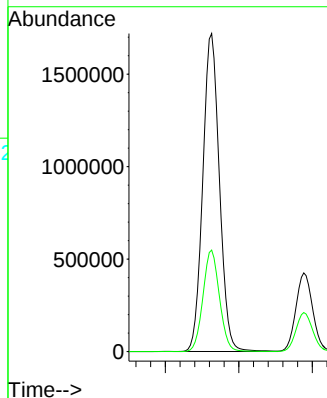
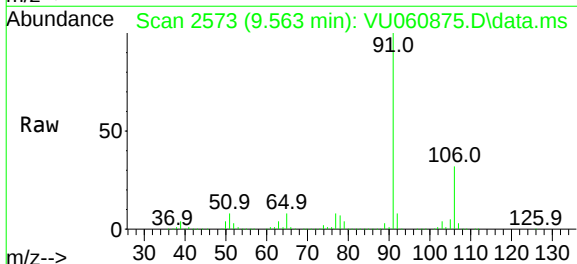
Acq: 18 Sep 2024 17:12

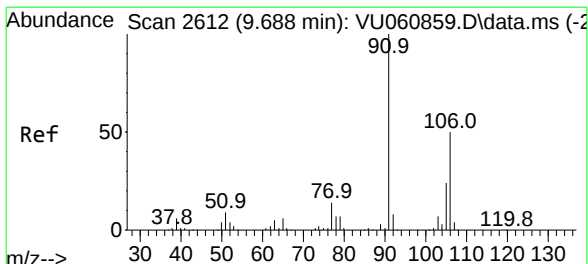
Tgt Ion: 91 Resp: 2705012

Ion Ratio Lower Upper

91 100

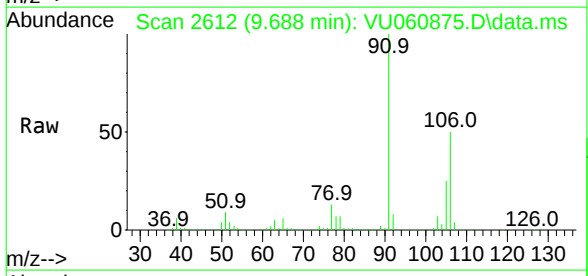
106 31.9 21.8 40.6





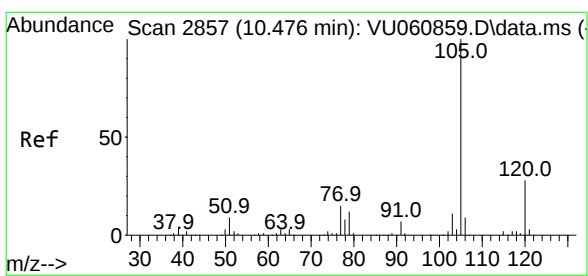
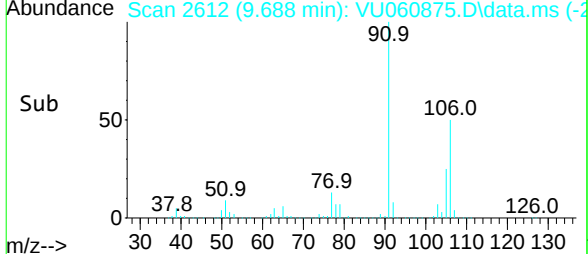
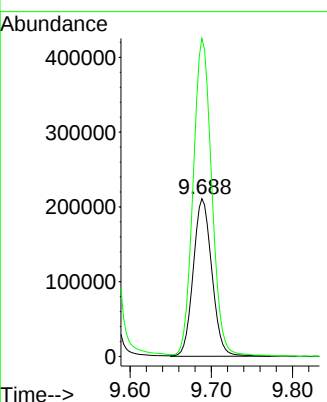
#53
 m,p-Xylene
 Concen: 17.606 ug/L
 RT: 9.688 min Scan# 2612
 Delta R.T. -0.000 min
 Lab File: VU060875.D
 Acq: 18 Sep 2024 17:12

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5



Tgt Ion:106 Resp: 335093

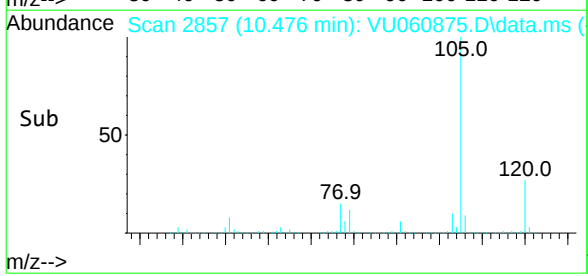
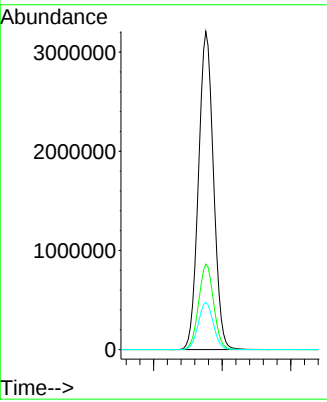
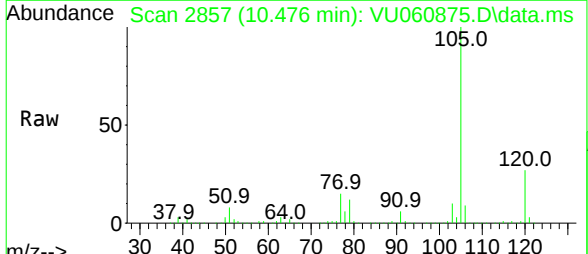
Ion	Ratio	Lower	Upper
106	100		
91	201.6	139.7	259.4

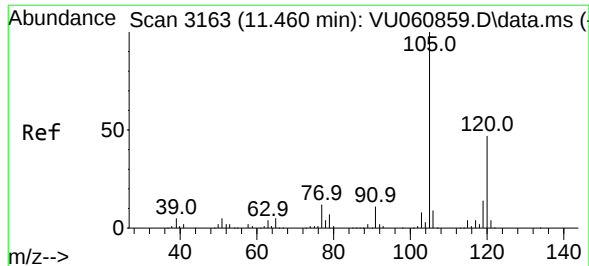


#60
 Isopropylbenzene
 Concen: 87.546 ug/L
 RT: 10.476 min Scan# 2857
 Delta R.T. -0.000 min
 Lab File: VU060875.D
 Acq: 18 Sep 2024 17:12

Tgt Ion:105 Resp: 4873996

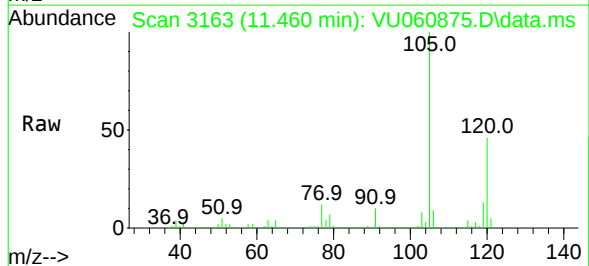
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.5	32.3
77	14.9	12.6	18.8





#63
 1,2,4-Trimethylbenzene
 Concen: 97.671 ug/L
 RT: 11.460 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU060875.D
 Acq: 18 Sep 2024 17:12

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5



Tgt Ion:105 Resp: 4175766
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.1 54.1

