

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060045.D
 Acq On : 19 Jul 2024 08:44
 Operator : MD/SY
 Sample : P3217-19DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 00:54:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 02:49:52 2024
 Response via : Initial Calibration

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

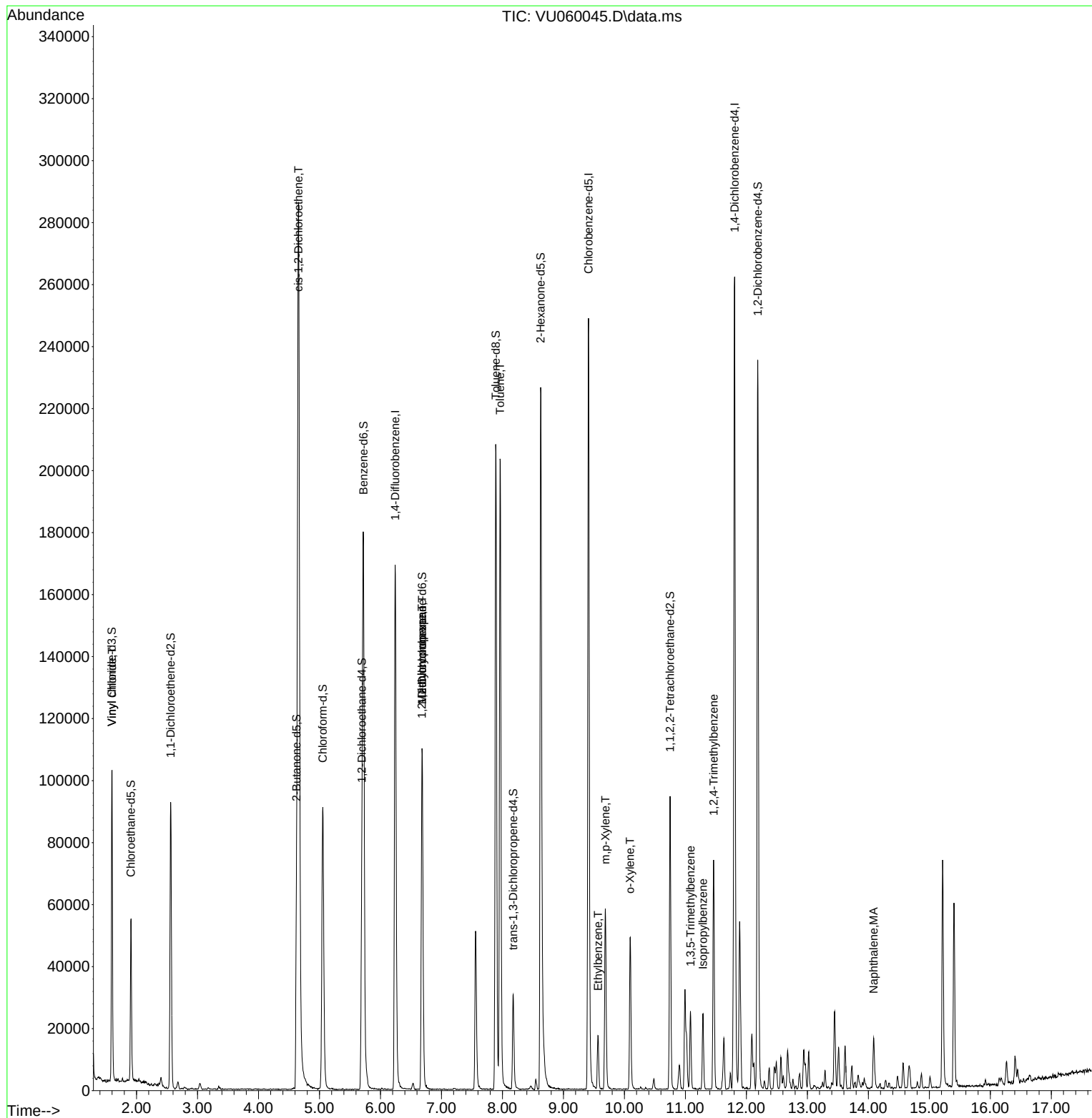
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40838	3.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.907	69	40500	4.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	16590	3.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.624	46	109613	43.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.760%
24) Chloroform-d	5.055	84	89160	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.695	65	43846	4.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.721	84	180634	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.682	67	58231	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	151276	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.177	79	20185	4.569	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	86727	44.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49789	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	64928	4.681	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	37121	2.361	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	151552	11.096	ug/L	99
35) Methylcyclohexane	6.682	83	13502	0.773	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	5530	0.408	ug/L #	88
42) Toluene	7.962	91	162970	3.050	ug/L	99
52) Ethylbenzene	9.566	91	13226	0.248	ug/L	97
53) m,p-Xylene	9.688	106	18428	0.895	ug/L	96
54) o-Xylene	10.093	106	14511	0.737	ug/L	98
60) Isopropylbenzene	11.286	105	15465	0.308	ug/L	91
62) 1,3,5-Trimethylbenzene	11.084	105	14829	0.386	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	41710	1.124	ug/L	99
71) Naphthalene	14.087	128	17099	0.777	ug/L	98

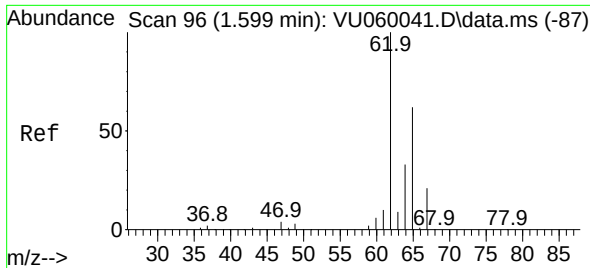
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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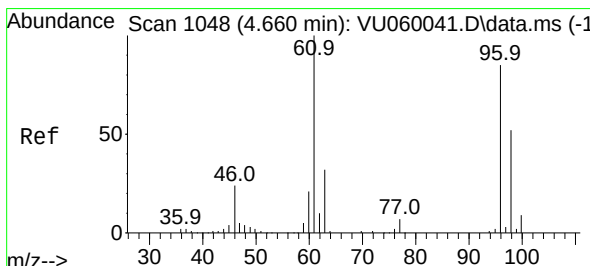
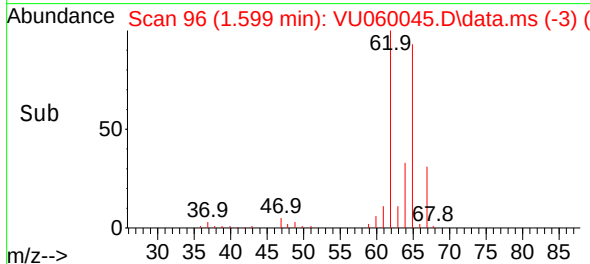
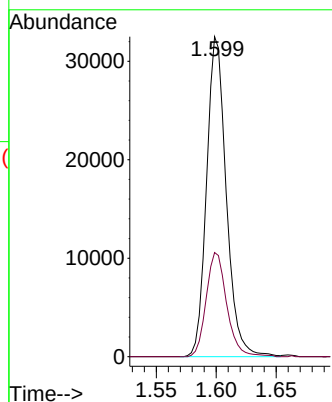
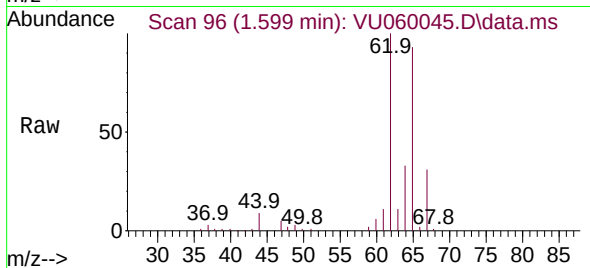




#5
 Vinyl chloride
 Concen: 2.361 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU060045.D
 Acq: 19 Jul 2024 08:44

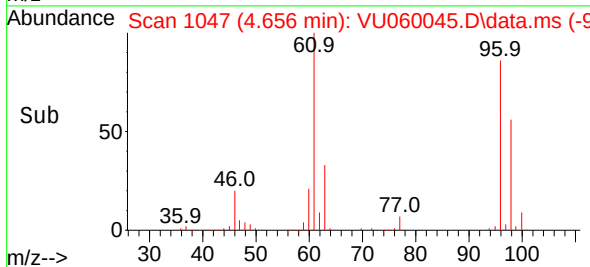
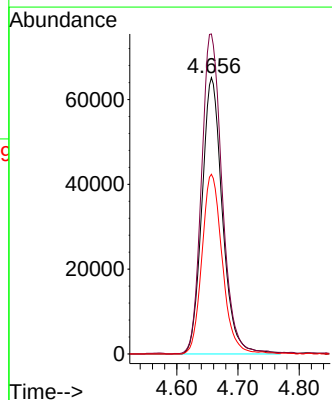
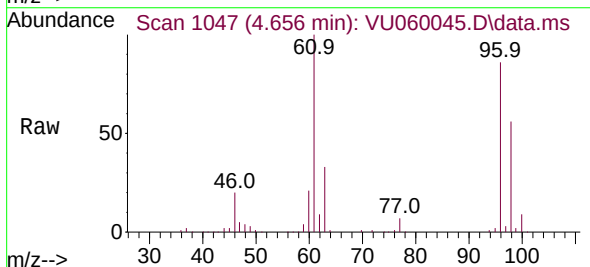
Instrument :
 MSVOA_U
 ClientSampleId :

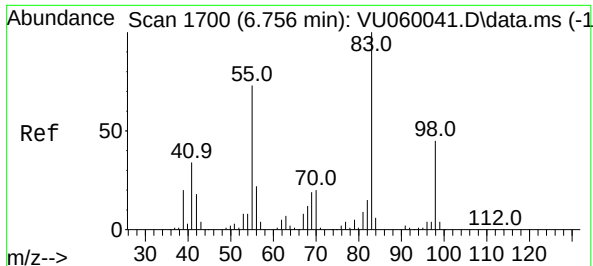
Tgt Ion: 62 Resp: 37121
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#22
 cis-1,2-Dichloroethene
 Concen: 11.096 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060045.D
 Acq: 19 Jul 2024 08:44

Tgt Ion: 96 Resp: 151552
 Ion Ratio Lower Upper
 96 100
 61 115.8 80.2 148.9
 98 65.0 44.7 83.1





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060045.D

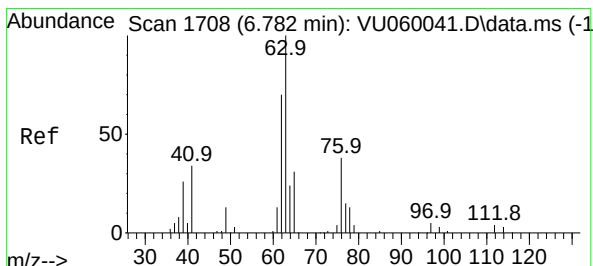
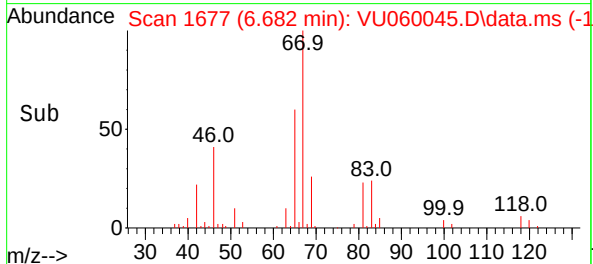
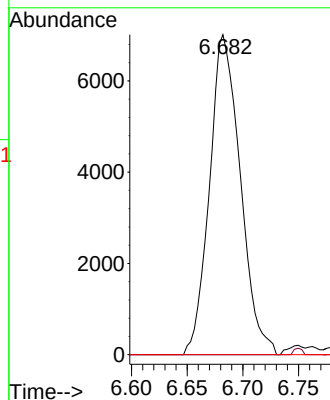
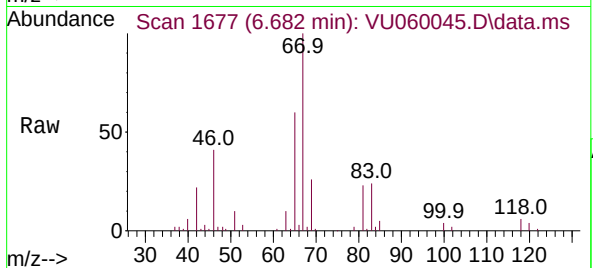
Acq: 19 Jul 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	13502
Ion Ratio	Lower	Upper	
83	100		
55	0.5	56.7	85.1#
98	0.3	36.6	55.0#



#37

1,2-Dichloropropane

Concen: 0.408 ug/L

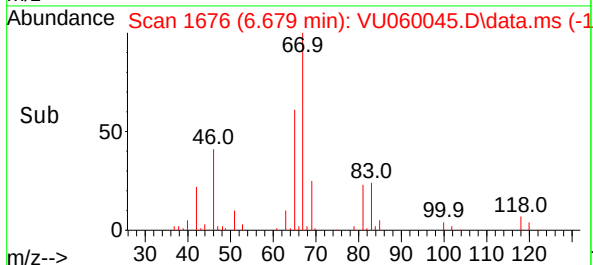
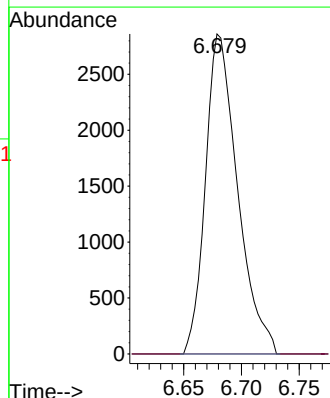
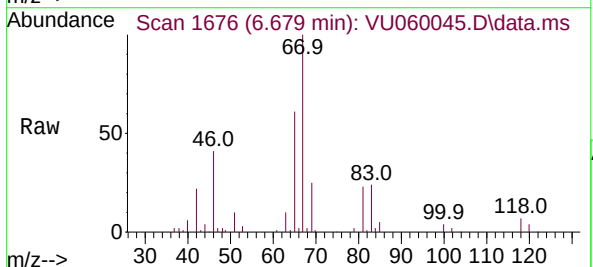
RT: 6.679 min Scan# 1676

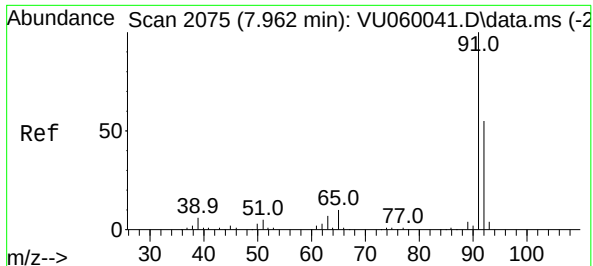
Delta R.T. -0.103 min

Lab File: VU060045.D

Acq: 19 Jul 2024 08:44

Tgt Ion:	63	Resp:	5530
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#





#42

Toluene

Concen: 3.050 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060045.D

Acq: 19 Jul 2024 08:44

Instrument :

MSVOA_U

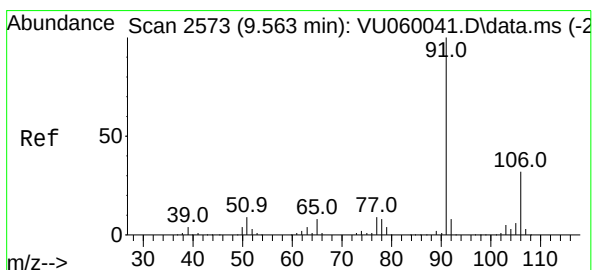
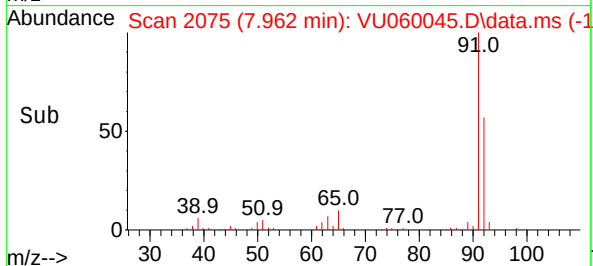
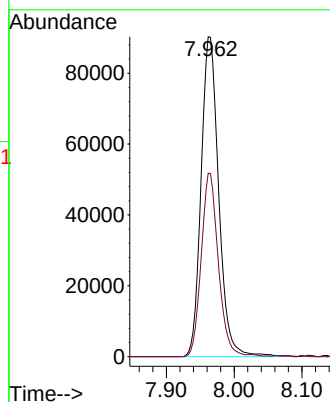
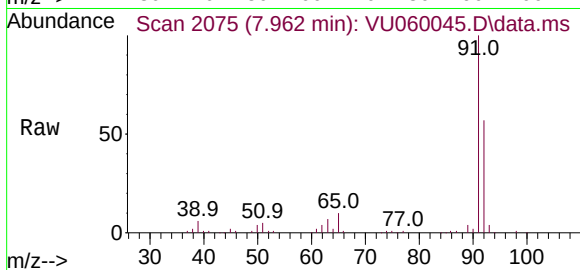
ClientSampleId :

Tgt Ion: 91 Resp: 162970

Ion Ratio Lower Upper

91 100

92 57.4 39.8 73.8



#52

Ethylbenzene

Concen: 0.248 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU060045.D

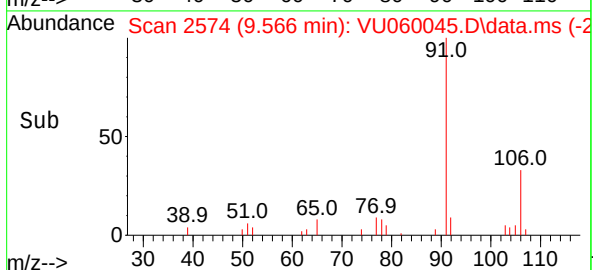
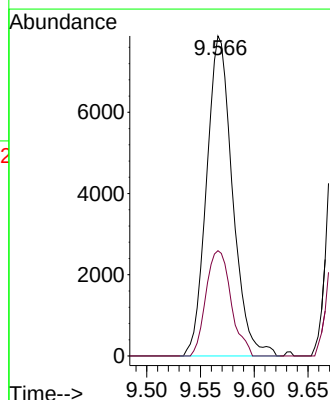
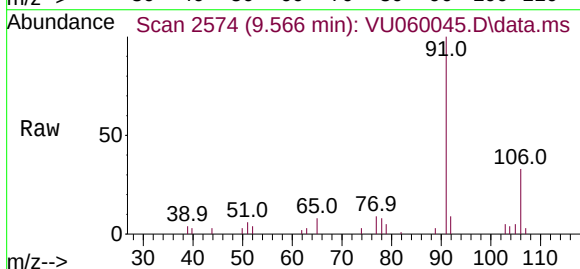
Acq: 19 Jul 2024 08:44

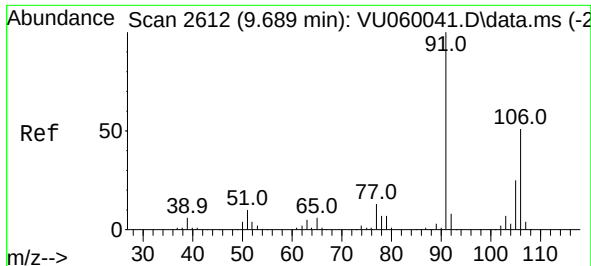
Tgt Ion: 91 Resp: 13226

Ion Ratio Lower Upper

91 100

106 32.9 21.9 40.7





#53

m,p-Xylene

Concen: 0.895 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060045.D

Acq: 19 Jul 2024 08:44

Instrument :

MSVOA_U

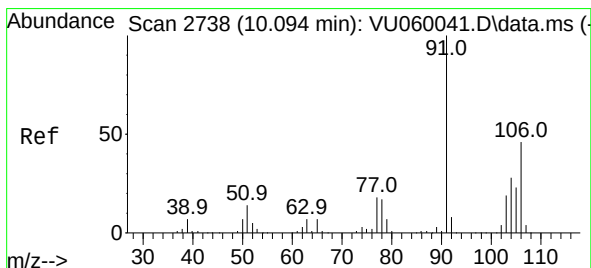
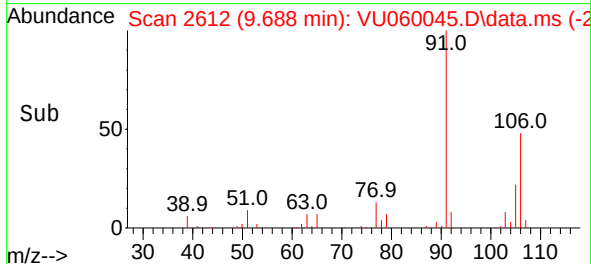
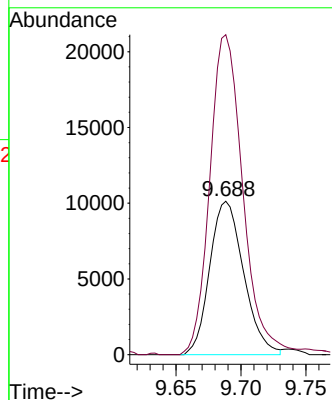
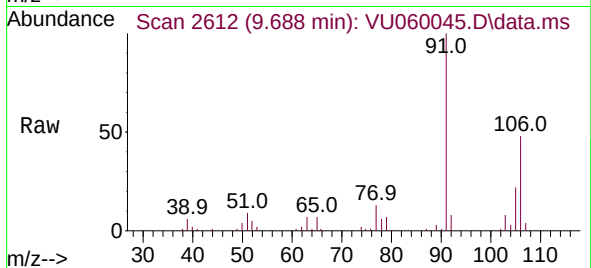
ClientSampleId :

Tgt Ion:106 Resp: 18428

Ion Ratio Lower Upper

106 100

91 208.5 141.3 262.5



#54

o-Xylene

Concen: 0.737 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU060045.D

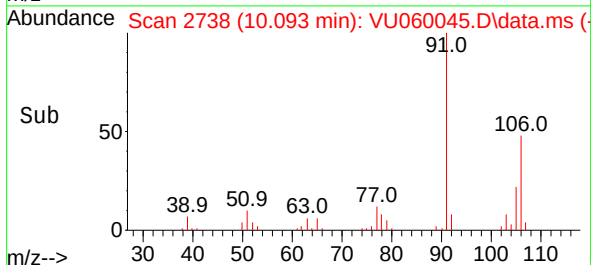
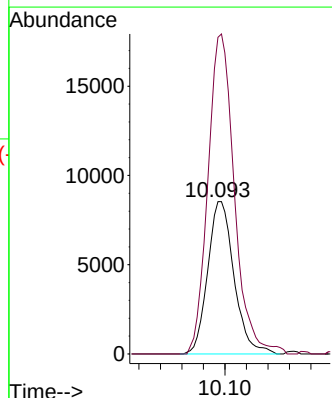
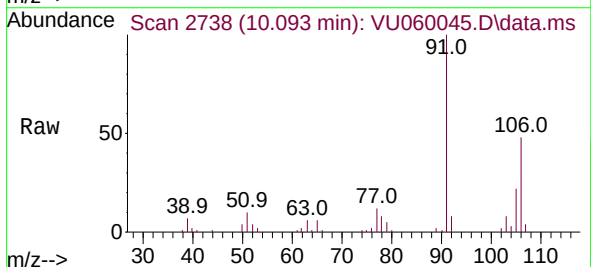
Acq: 19 Jul 2024 08:44

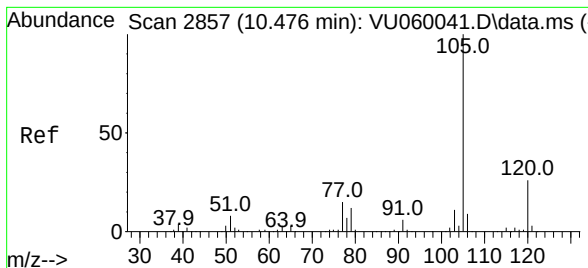
Tgt Ion:106 Resp: 14511

Ion Ratio Lower Upper

106 100

91 207.7 143.6 266.6





#60

Isopropylbenzene

Concen: 0.308 ug/L

RT: 11.286 min Scan# 3109

Delta R.T. 0.810 min

Lab File: VU060045.D

Acq: 19 Jul 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :

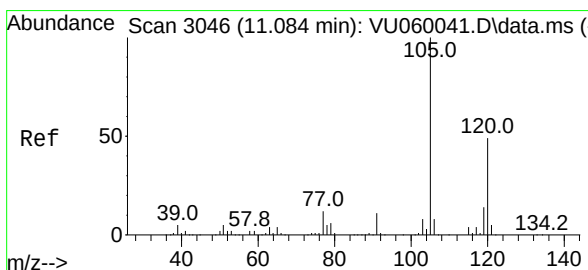
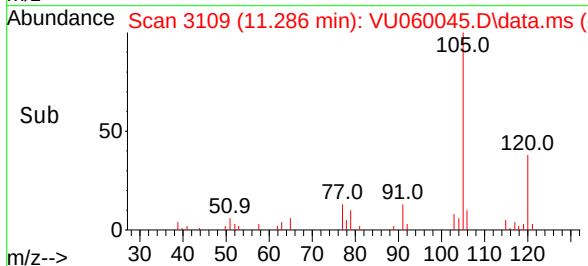
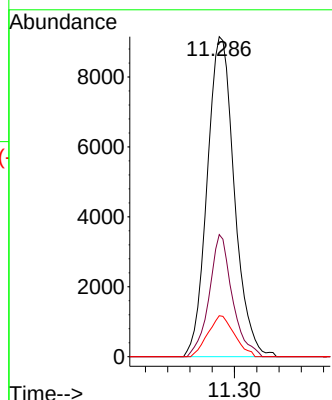
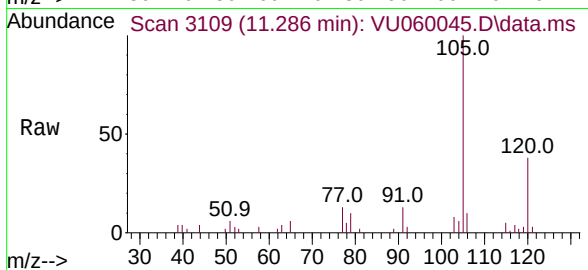
Tgt Ion:105 Resp: 15465

Ion Ratio Lower Upper

105 100

120 32.5 21.9 32.9

77 12.5 12.1 18.1



#62

1,3,5-Trimethylbenzene

Concen: 0.386 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU060045.D

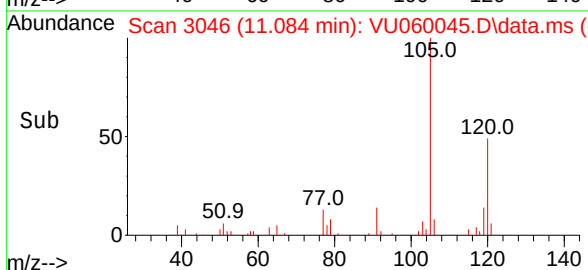
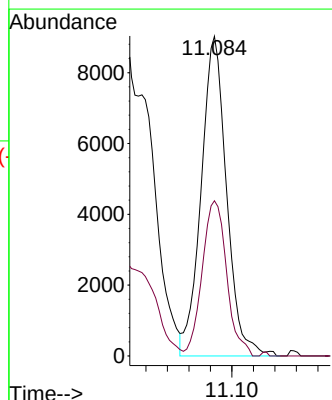
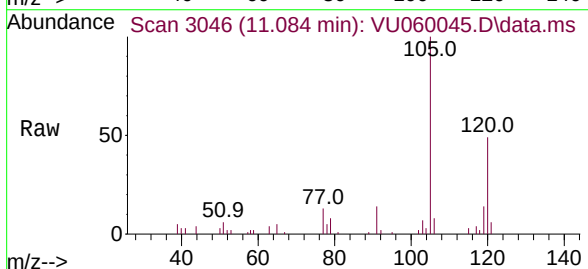
Acq: 19 Jul 2024 08:44

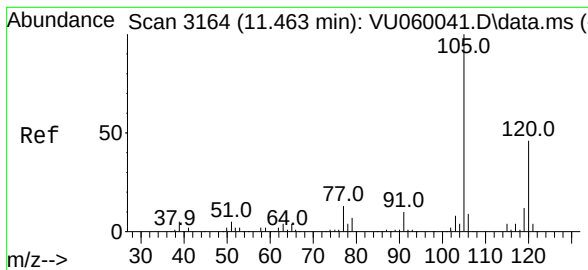
Tgt Ion:105 Resp: 14829

Ion Ratio Lower Upper

105 100

120 46.7 39.4 59.2

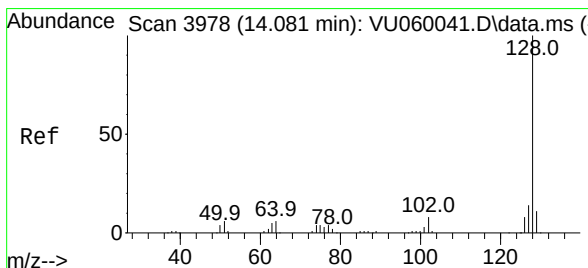
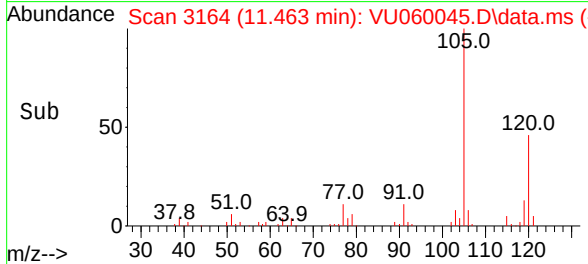
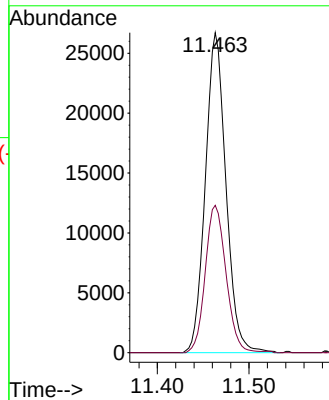
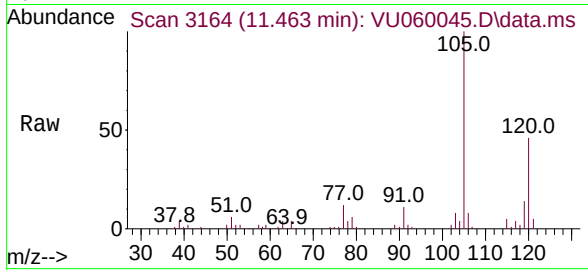




#63
1,2,4-Trimethylbenzene
Concen: 1.124 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060045.D
Acq: 19 Jul 2024 08:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 41710
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1



#71
Naphthalene
Concen: 0.777 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.006 min
Lab File: VU060045.D
Acq: 19 Jul 2024 08:44

Tgt Ion:128 Resp: 17099
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 11.7 10.6 16.0

