

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061110.D
 Acq On : 11 Oct 2024 11:46
 Operator : MD/SY
 Sample : P4380-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27G9

Quant Time: Oct 14 04:18:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

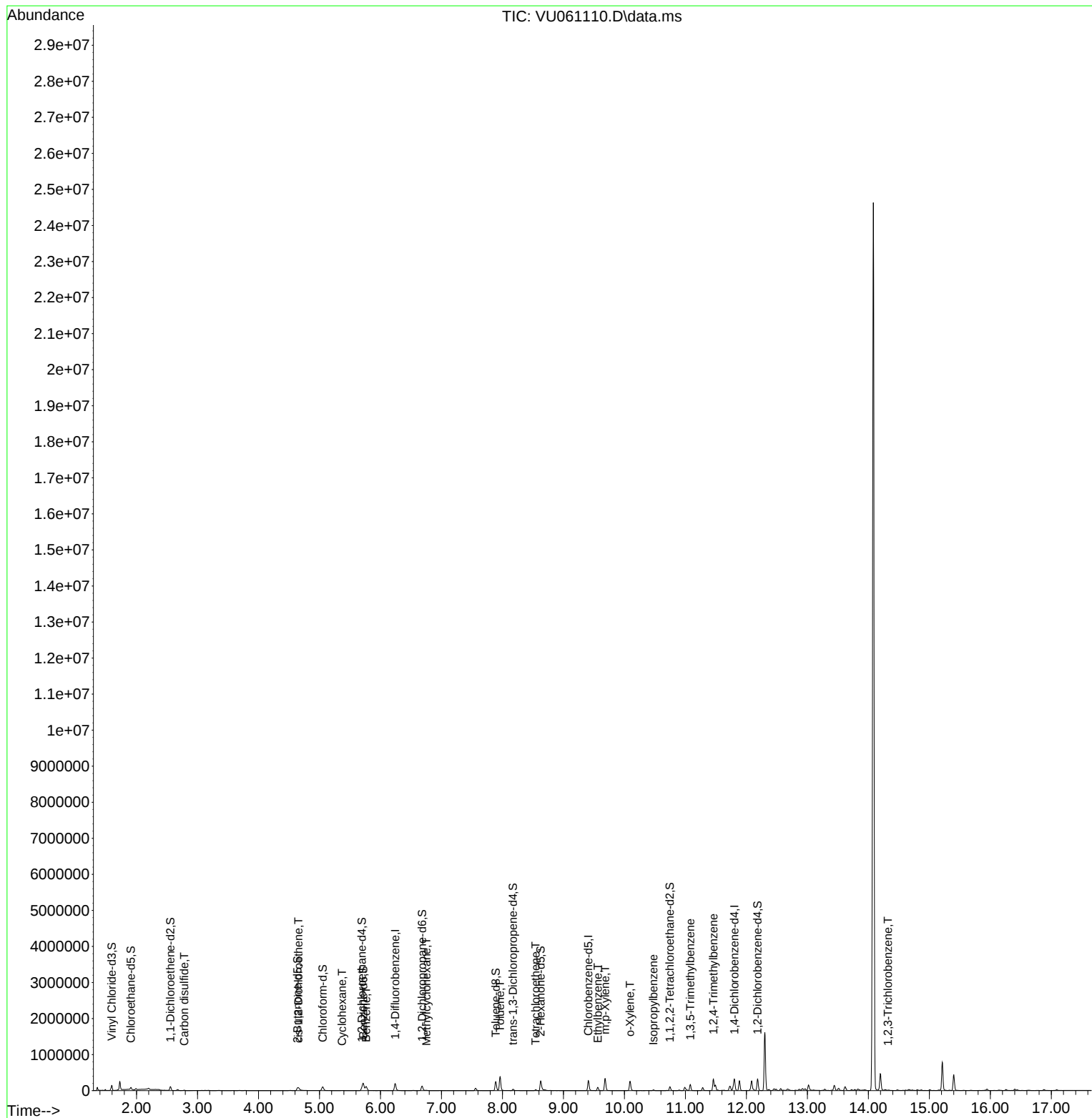
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	150138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45339	3.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.907	69	38707	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.557	65	20450	4.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.640	46	106866	38.777	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.560%
24) Chloroform-d	5.052	84	94942	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	49710	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.718	84	184258	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	63414	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.891	98	170062	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.174	79	22905	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.627	63	99497	43.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45892	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	61815	4.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
14) Carbon disulfide	2.782	76	14696	0.465	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	12962	1.143	ug/L	89
30) Cyclohexane	5.370	56	2338	0.121	ug/L	87
33) Benzene	5.766	78	109668	2.478	ug/L	100
35) Methylcyclohexane	6.753	83	3733	0.193	ug/L	90
42) Toluene	7.962	91	281563	5.971	ug/L	99
47) Tetrachloroethene	8.544	164	5257	0.673	ug/L	97
52) Ethylbenzene	9.563	91	66241	1.240	ug/L	98
53) m,p-Xylene	9.685	106	93608	4.803	ug/L	89
54) o-Xylene	10.094	106	67129	3.501	ug/L	93
60) Isopropylbenzene	10.476	105	13892	0.267	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	88326	1.927	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	178743	3.863	ug/L	96
72) 1,2,3-Trichlorobenzene	14.322	180	1675	0.167	ug/L #	46

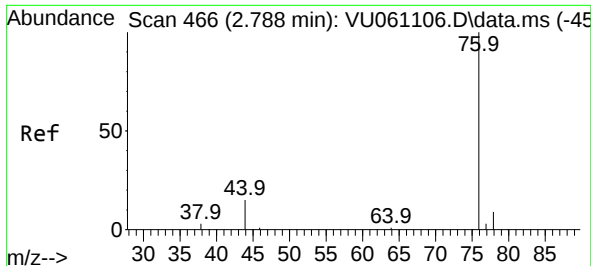
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.465 ug/L

RT: 2.782 min Scan# 4

Delta R.T. -0.006 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Instrument :

MSVOA_U

ClientSampleId :

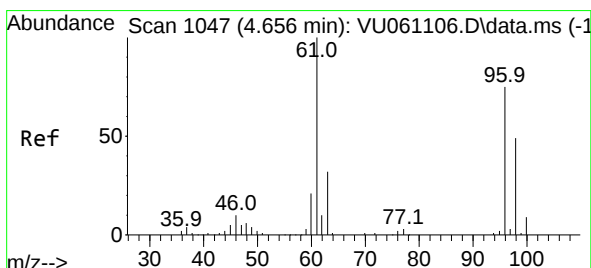
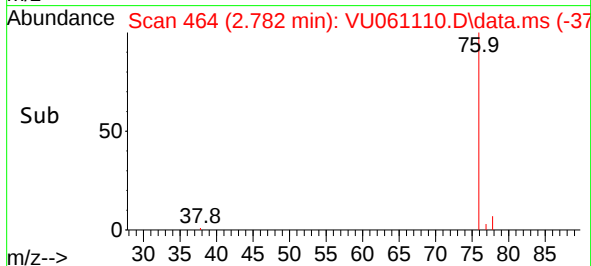
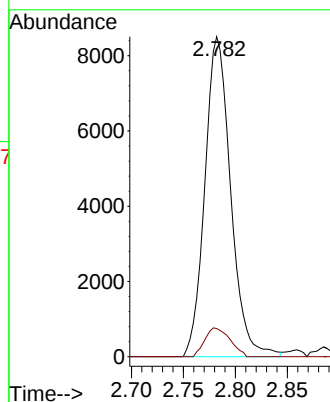
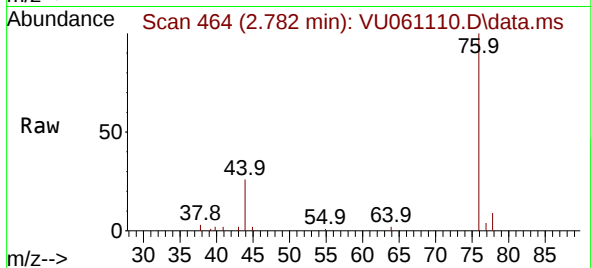
E27G9

Tgt Ion: 76 Resp: 14696

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



#22

cis-1,2-Dichloroethene

Concen: 1.143 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

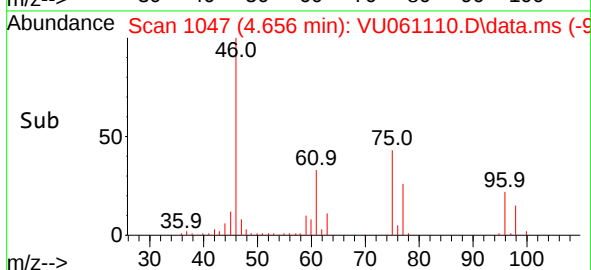
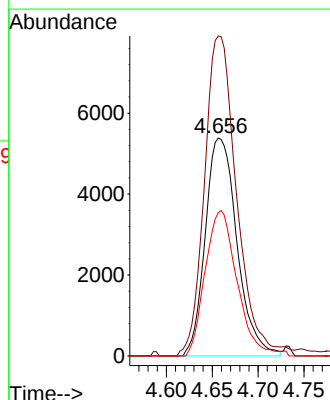
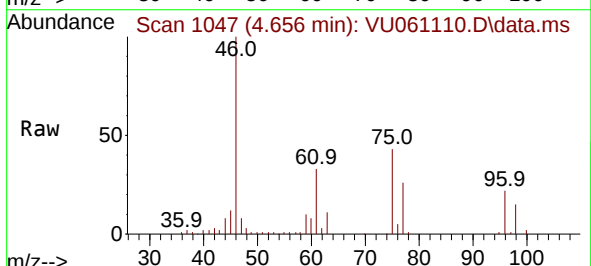
Tgt Ion: 96 Resp: 12962

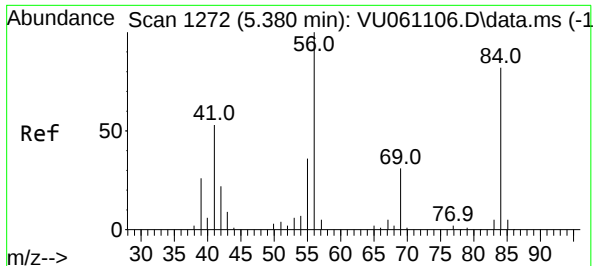
Ion Ratio Lower Upper

96 100

61 146.9 89.7 166.5

98 65.7 45.1 83.9





#30

Cyclohexane

Concen: 0.121 ug/L

RT: 5.370 min Scan# 1269

Delta R.T. -0.010 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Instrument :

MSVOA_U

ClientSampleId :

E27G9

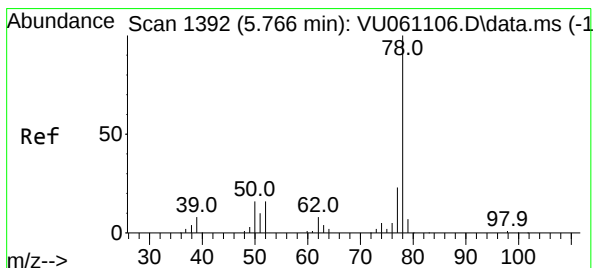
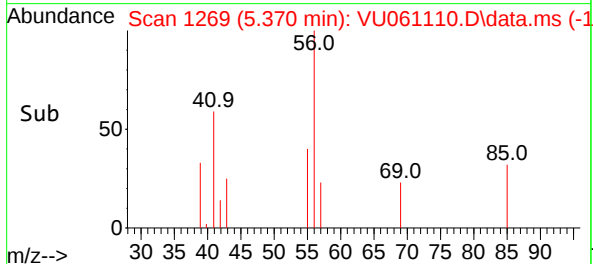
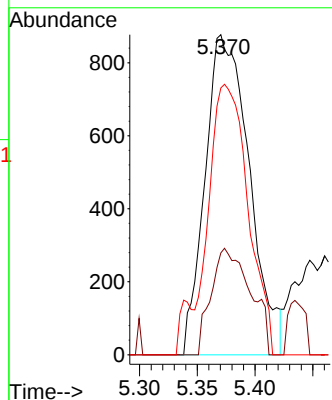
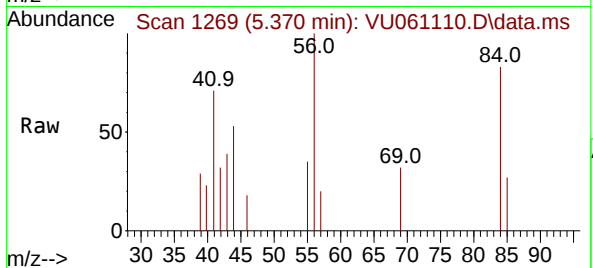
Tgt Ion: 56 Resp: 2338

Ion Ratio Lower Upper

56 100

69 29.5 25.4 38.0

84 73.9 71.0 106.6



#33

Benzene

Concen: 2.478 ug/L

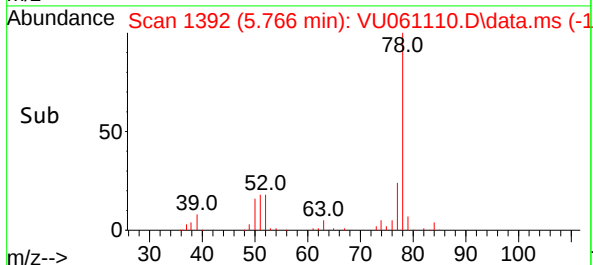
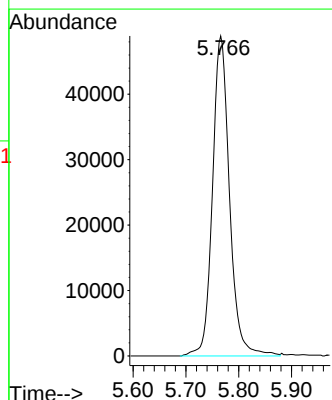
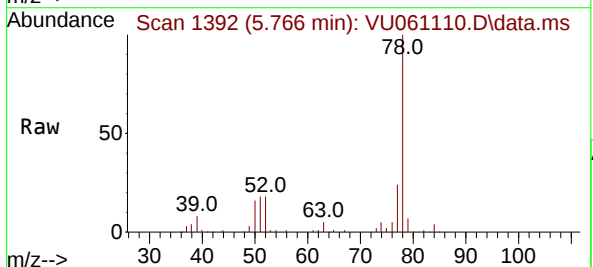
RT: 5.766 min Scan# 1392

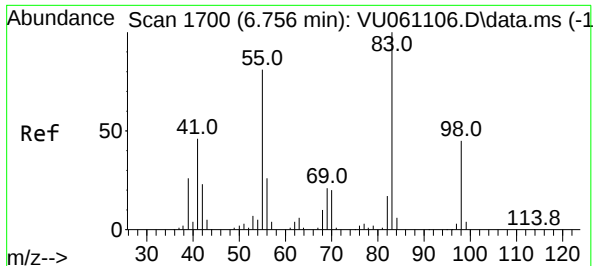
Delta R.T. 0.000 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Tgt Ion: 78 Resp: 109668





#35

Methylcyclohexane

Concen: 0.193 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Instrument :

MSVOA_U

ClientSampleId :

E27G9

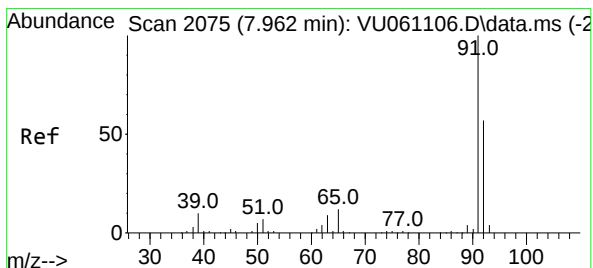
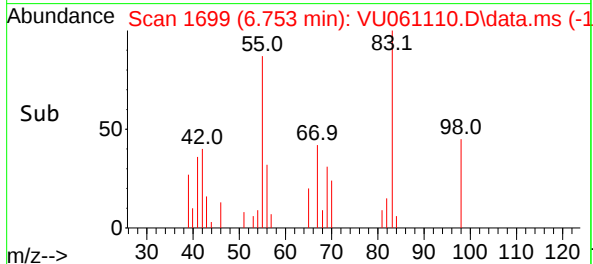
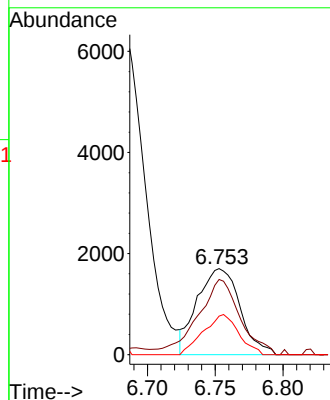
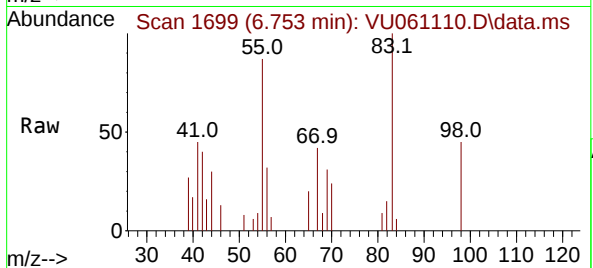
Tgt Ion: 83 Resp: 3733

Ion Ratio Lower Upper

83 100

55 86.3 62.6 94.0

98 38.5 37.6 56.4



#42

Toluene

Concen: 5.971 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061110.D

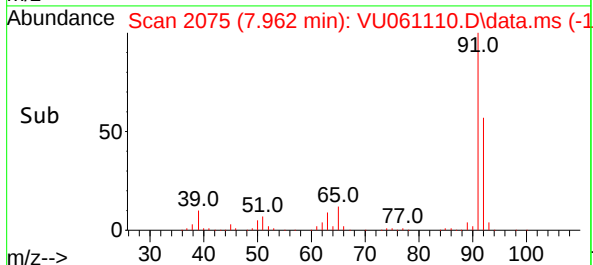
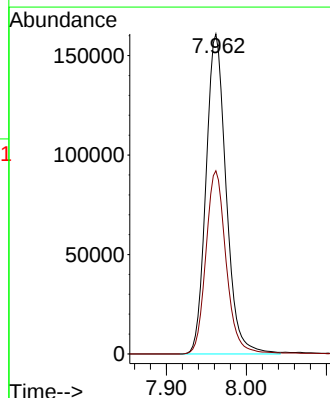
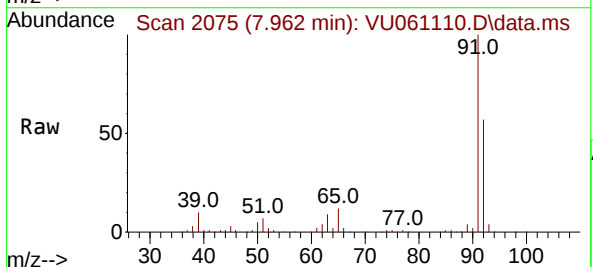
Acq: 11 Oct 2024 11:46

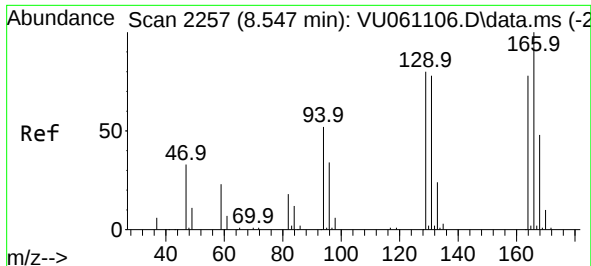
Tgt Ion: 91 Resp: 281563

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3





#47

Tetrachloroethene

Concen: 0.673 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Instrument :

MSVOA_U

ClientSampleId :

E27G9

Tgt Ion:164 Resp: 5257

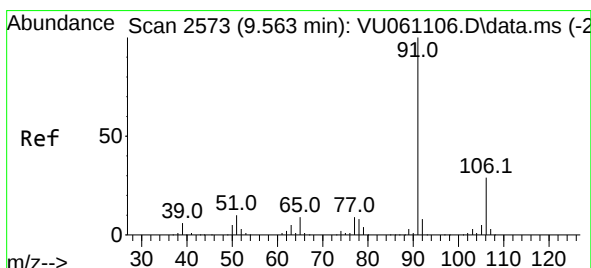
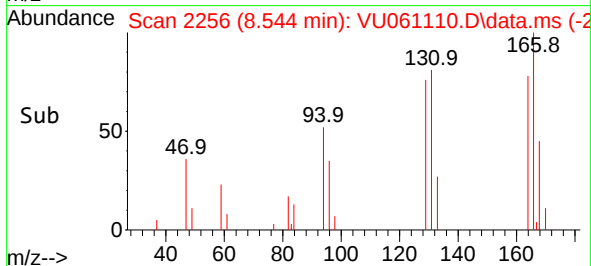
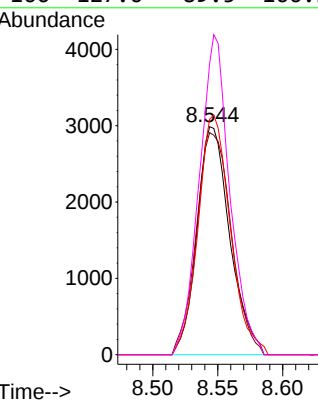
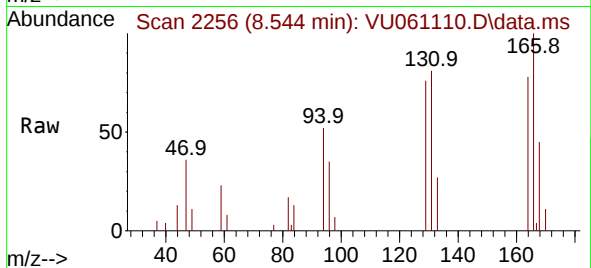
Ion Ratio Lower Upper

164 100

129 97.4 67.3 124.9

131 103.2 65.4 121.4

166 127.6 89.5 166.1



#52

Ethylbenzene

Concen: 1.240 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061110.D

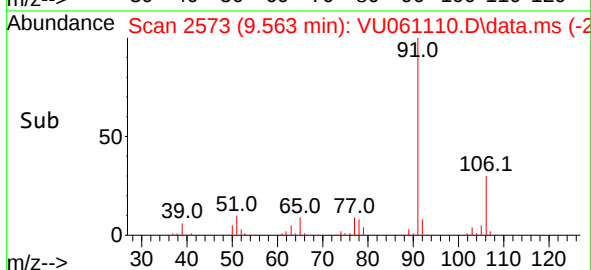
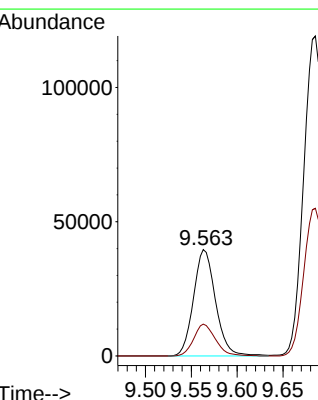
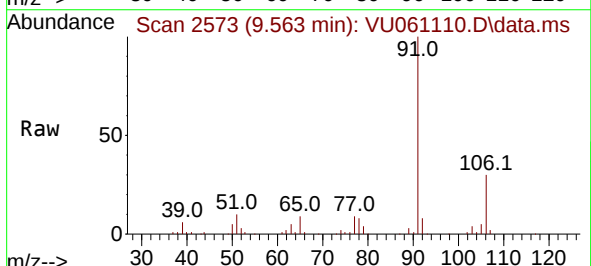
Acq: 11 Oct 2024 11:46

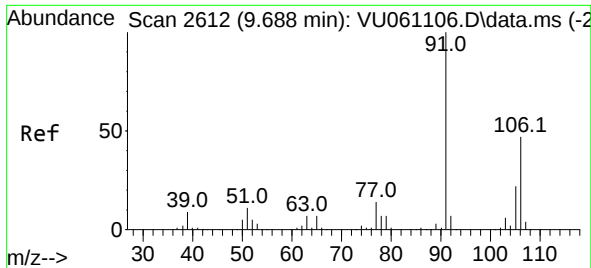
Tgt Ion: 91 Resp: 66241

Ion Ratio Lower Upper

91 100

106 30.0 21.8 40.6

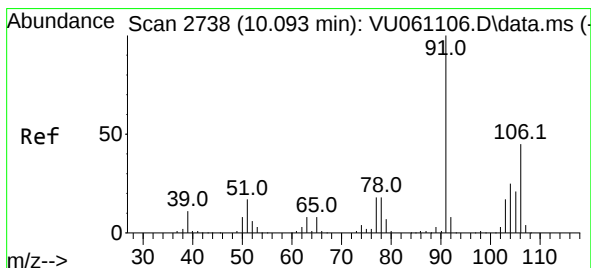
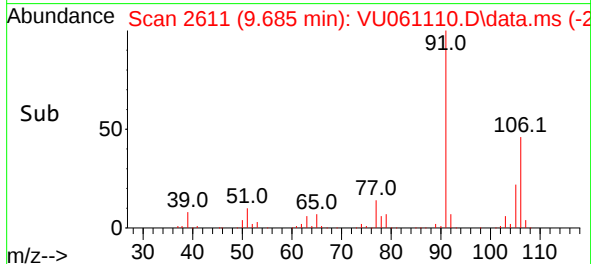
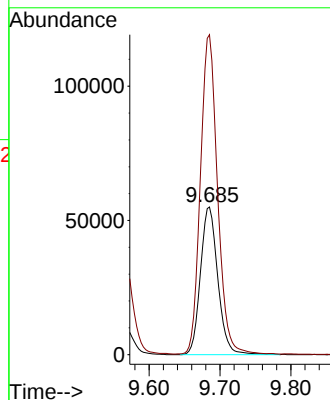
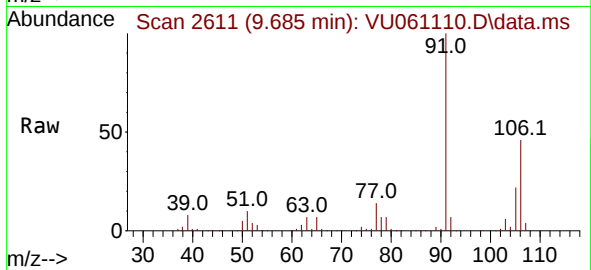




#53
m,p-Xylene
Concen: 4.803 ug/L
RT: 9.685 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU061110.D
Acq: 11 Oct 2024 11:46

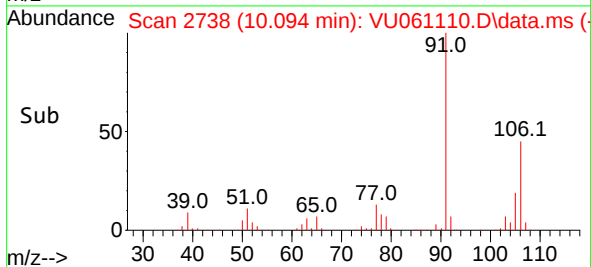
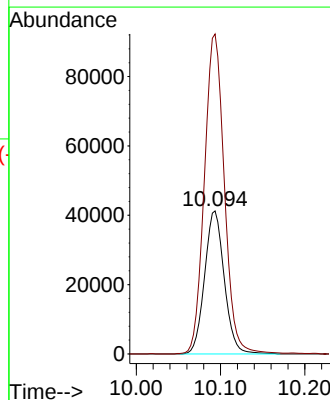
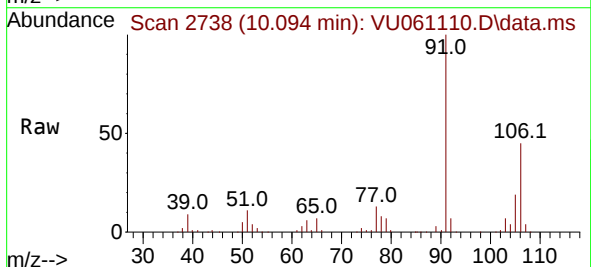
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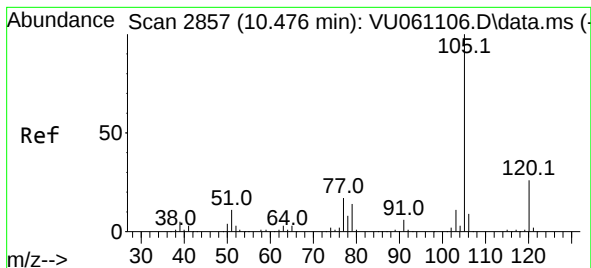
Tgt Ion:106 Resp: 93608
Ion Ratio Lower Upper
106 100
91 216.6 139.7 259.4



#54
o-Xylene
Concen: 3.501 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061110.D
Acq: 11 Oct 2024 11:46

Tgt Ion:106 Resp: 67129
Ion Ratio Lower Upper
106 100
91 223.7 148.6 276.0





#60

Isopropylbenzene

Concen: 0.267 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

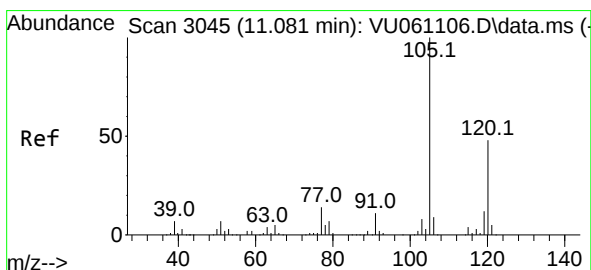
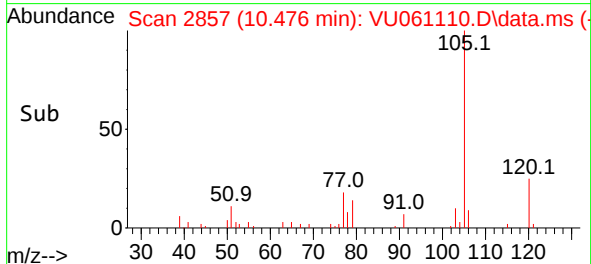
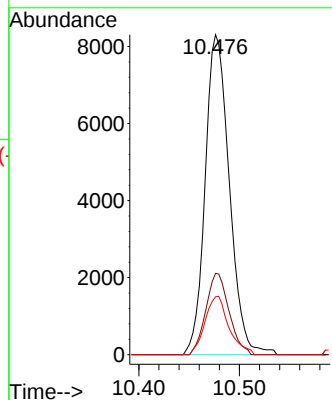
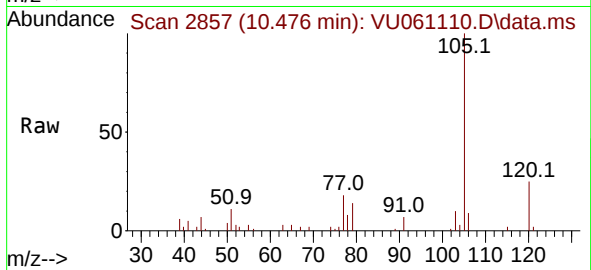
Instrument :

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ClientSampleId :

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Tgt Ion:105	Resp:	13892
Ion Ratio	Lower	Upper
105	100	
120	24.3	21.5 32.3
77	18.0	12.6 18.8



#62

1,3,5-Trimethylbenzene

Concen: 1.927 ug/L

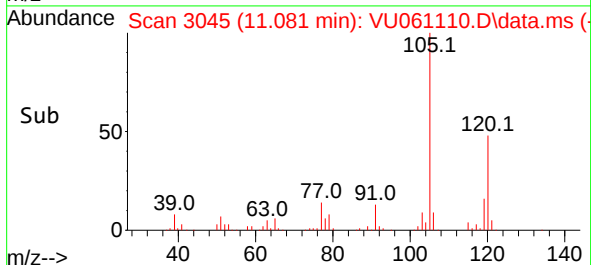
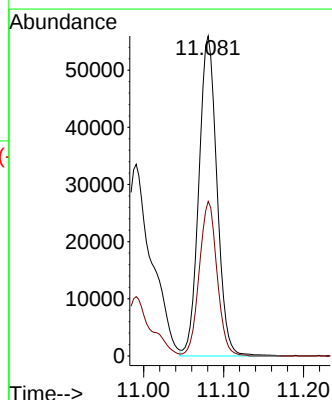
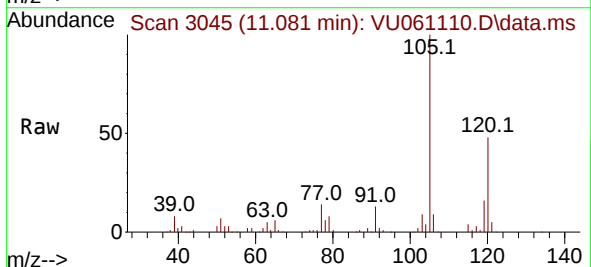
RT: 11.081 min Scan# 3045

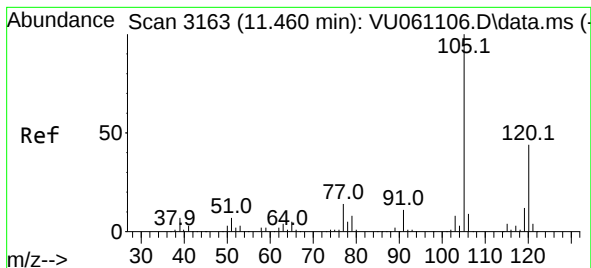
Delta R.T. 0.000 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Tgt Ion:105	Resp:	88326
Ion Ratio	Lower	Upper
105	100	
120	47.5	38.5 57.7





#63

1,2,4-Trimethylbenzene

Concen: 3.863 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Instrument :

MSVOA_U

ClientSampleId :

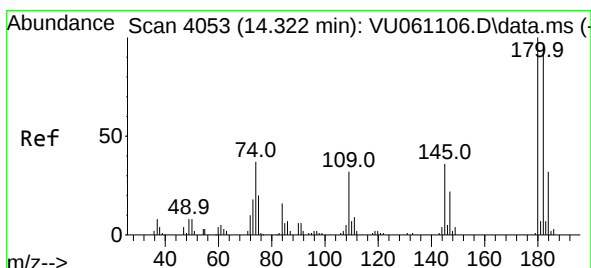
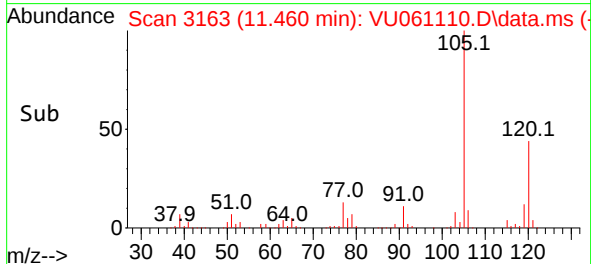
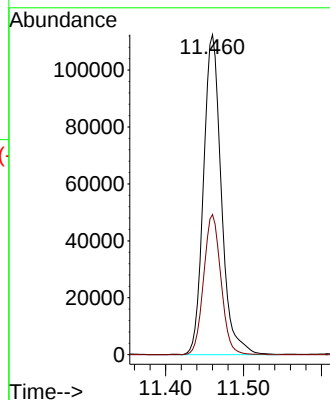
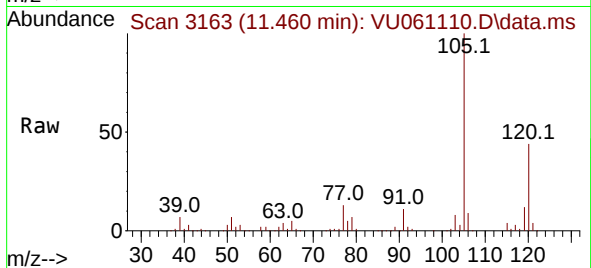
E27G9

Tgt Ion:105 Resp: 178743

Ion Ratio Lower Upper

105 100

120 42.5 36.1 54.1



#72

1,2,3-Trichlorobenzene

Concen: 0.167 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061110.D

Acq: 11 Oct 2024 11:46

Tgt Ion:180 Resp: 1675

Ion Ratio Lower Upper

180 100

182 110.1 75.7 113.5

145 124.9 23.5 35.3#

