

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061094.D
 Acq On : 10 Oct 2024 17:11
 Operator : MD/SY
 Sample : P4380-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 06:50:30 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)

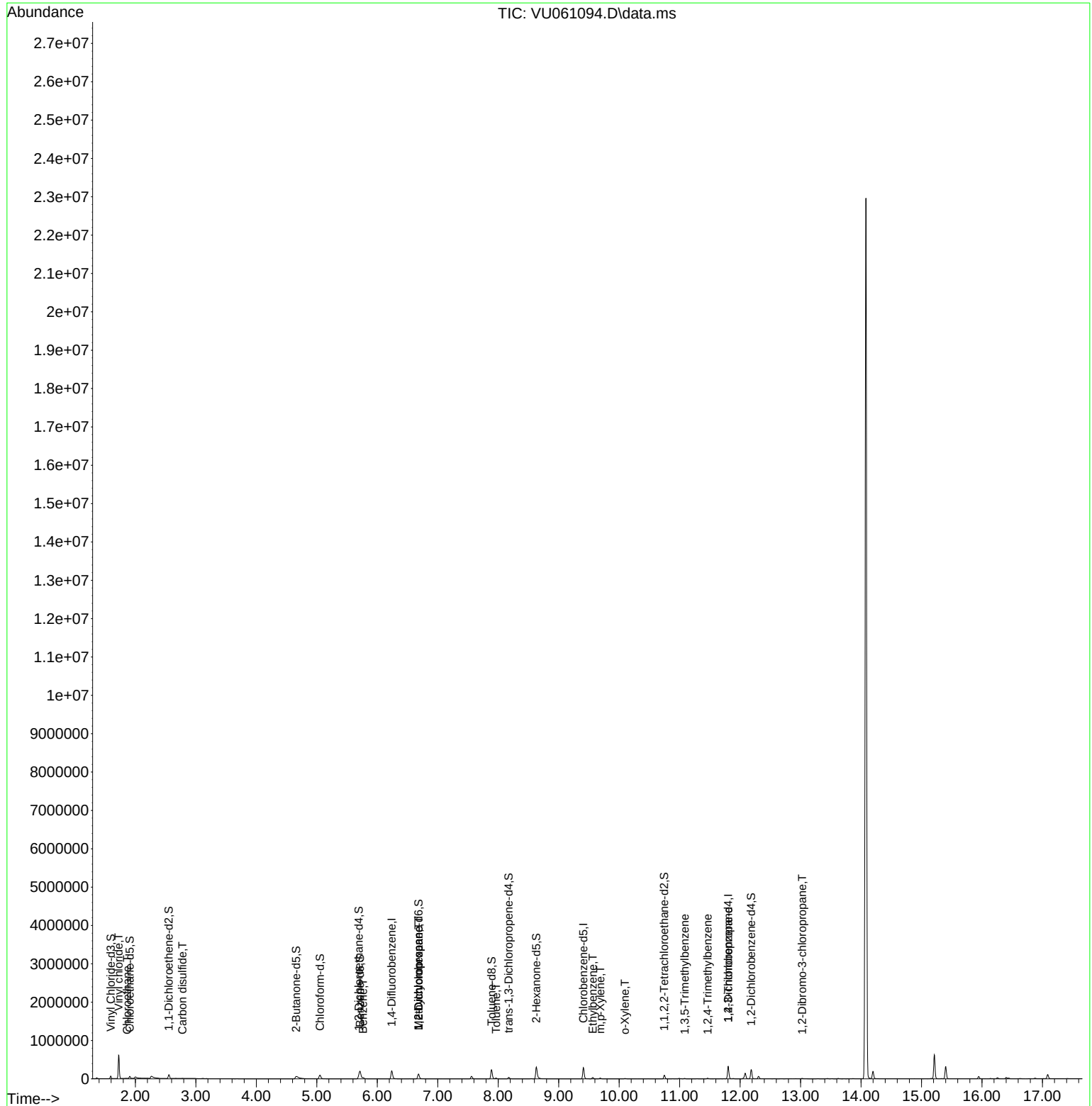
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	172574	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42531	3.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.907	69	36020	3.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.554	65	19322	3.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.660	46	131571	44.518	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.040%
24) Chloroform-d	5.052	84	90852	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.695	65	49817	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.714	84	179551	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	60610	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	161020	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.174	79	23697	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.631	63	115039	46.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46809	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	59597	4.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.724	62	11400	0.935	ug/L	92
8) Chloroethane	1.862	64	2419	0.327	ug/L #	51
14) Carbon disulfide	2.779	76	5717	0.169	ug/L #	82
33) Benzene	5.766	78	29683	0.625	ug/L	100
35) Methylcyclohexane	6.682	83	13496	0.649	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6445	0.515	ug/L #	93
42) Toluene	7.965	91	15154	0.299	ug/L	96
52) Ethylbenzene	9.563	91	26813	0.467	ug/L	97
53) m,p-Xylene	9.688	106	5774	0.276	ug/L	88
54) o-Xylene	10.097	106	2432	0.118	ug/L	89
61) 1,2,3-Trichloropropane	11.804	75	10799	1.351	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.084	105	5828	0.121	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	9877	0.204	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.029	75	191	0.110	ug/L #	1

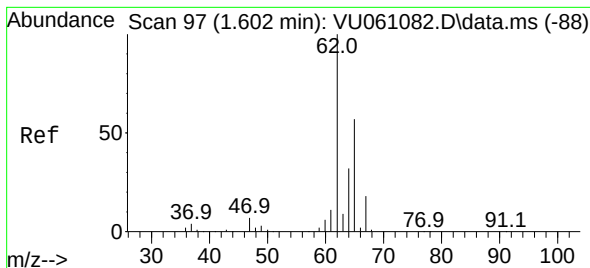
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.935 ug/L

RT: 1.724 min Scan# 14

Delta R.T. 0.122 min

Lab File: VU061094.D

Acq: 10 Oct 2024 17:11

Instrument :

MSVOA_U

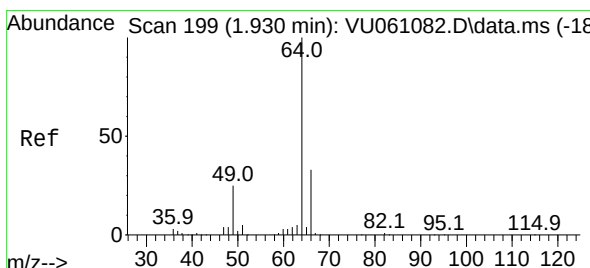
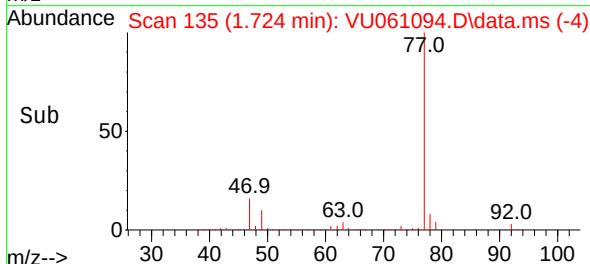
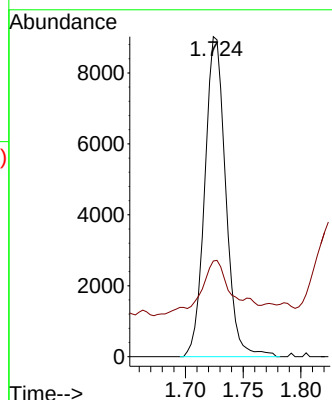
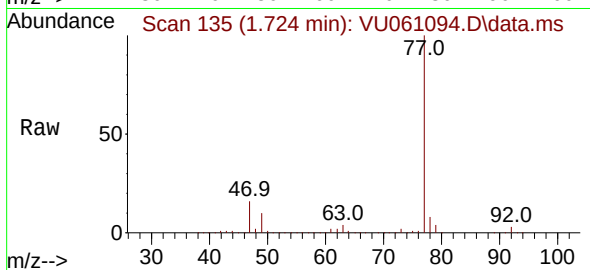
ClientSampleId :

Tgt Ion: 62 Resp: 11400

Ion Ratio Lower Upper

62 100

64 29.9 24.0 44.6



#8

Chloroethane

Concen: 0.327 ug/L

RT: 1.862 min Scan# 178

Delta R.T. -0.067 min

Lab File: VU061094.D

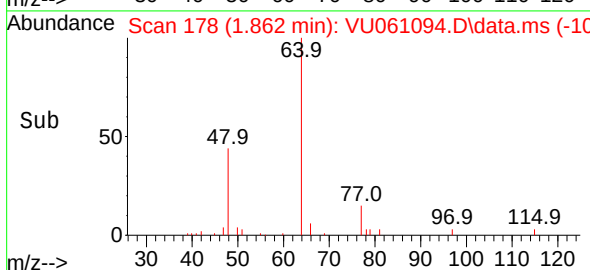
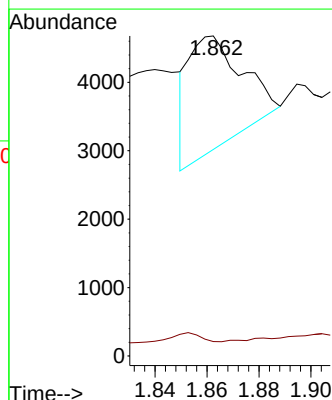
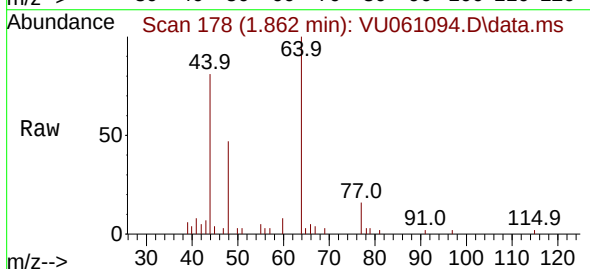
Acq: 10 Oct 2024 17:11

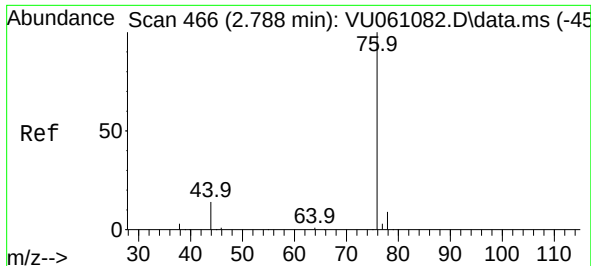
Tgt Ion: 64 Resp: 2419

Ion Ratio Lower Upper

64 100

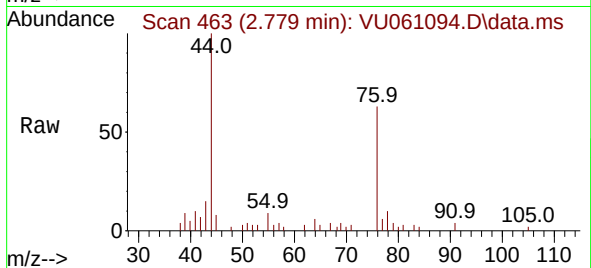
66 4.4 22.3 41.3#



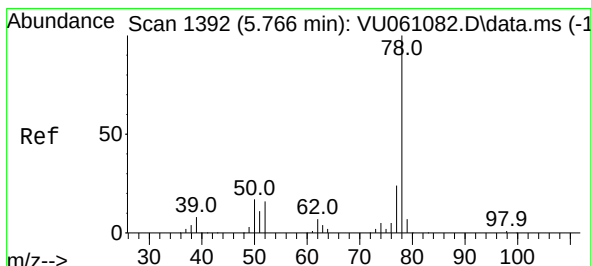
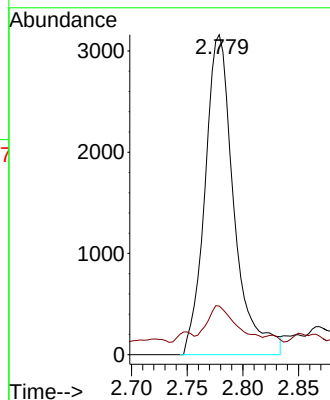
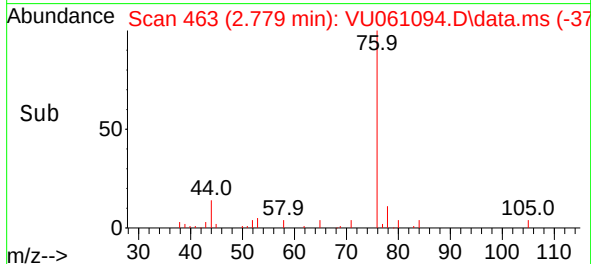


#14
Carbon disulfide
Concen: 0.169 ug/L
RT: 2.779 min Scan# 463
Delta R.T. -0.010 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

Instrument :
MSVOA_U
ClientSampleId :

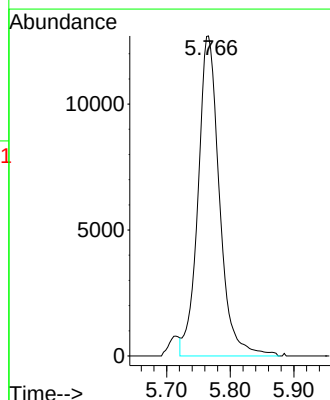
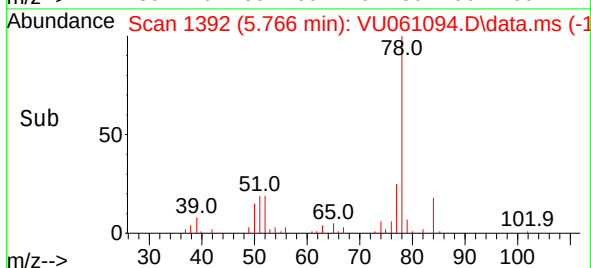
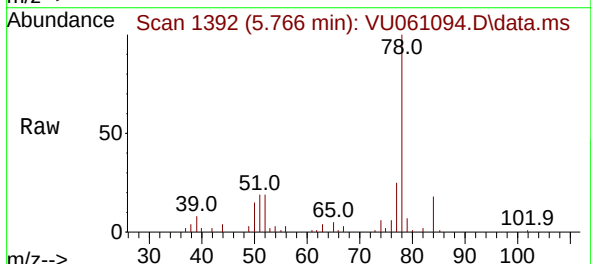


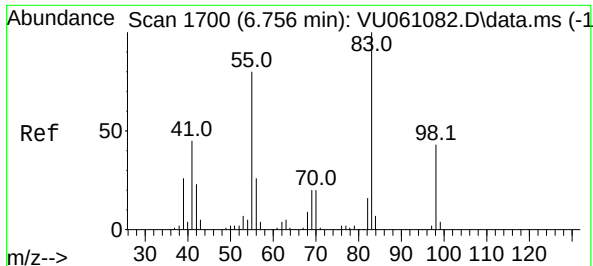
Tgt Ion: 76 Resp: 5717
Ion Ratio Lower Upper
76 100
78 15.2 7.1 10.7#



#33
Benzene
Concen: 0.625 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

Tgt Ion: 78 Resp: 29683





#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061094.D

Acq: 10 Oct 2024 17:11

Instrument :

MSVOA_U

ClientSampleId :

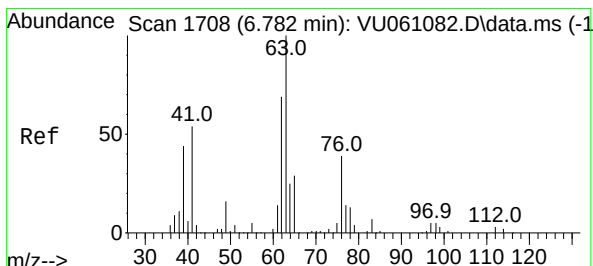
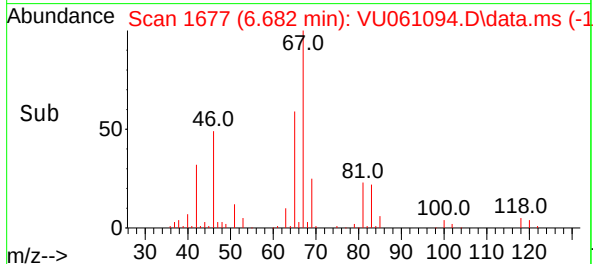
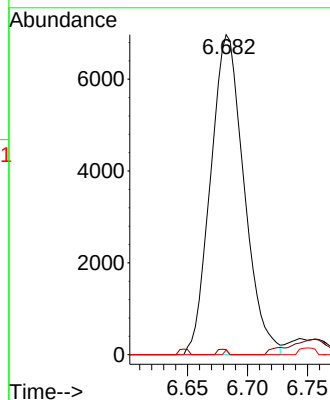
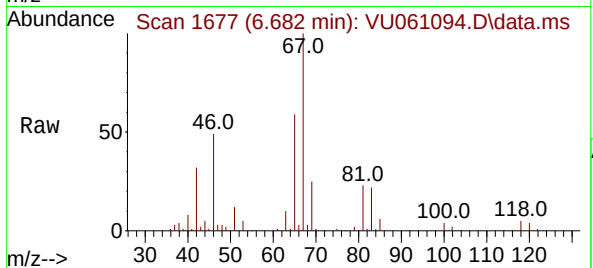
Tgt Ion: 83 Resp: 13496

Ion Ratio Lower Upper

83 100

55 0.5 62.6 94.0#

98 0.1 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061094.D

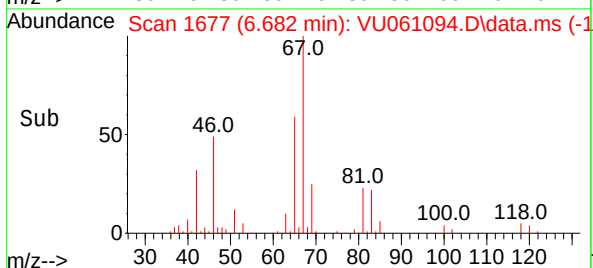
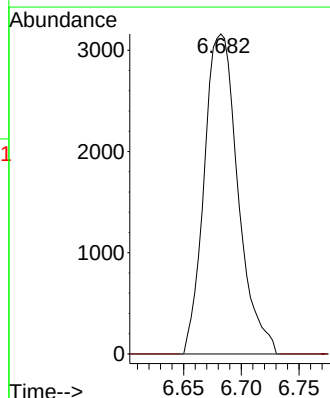
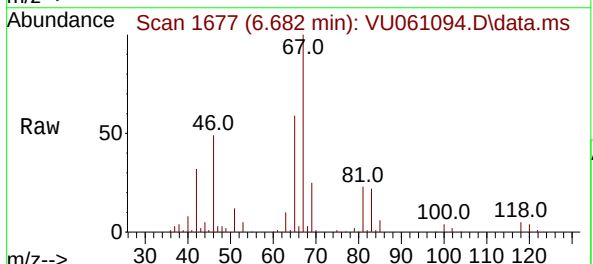
Acq: 10 Oct 2024 17:11

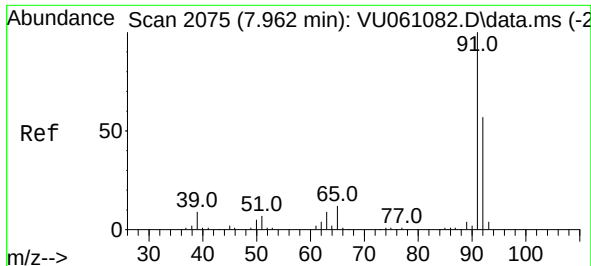
Tgt Ion: 63 Resp: 6445

Ion Ratio Lower Upper

63 100

112 0.0 2.0 3.0#





#42

Toluene

Concen: 0.299 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061094.D

Acq: 10 Oct 2024 17:11

Instrument :

MSVOA_U

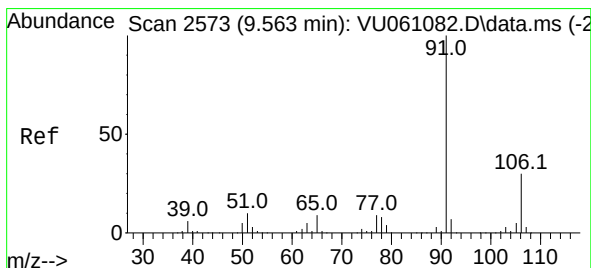
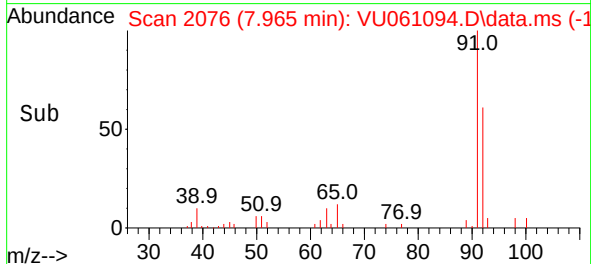
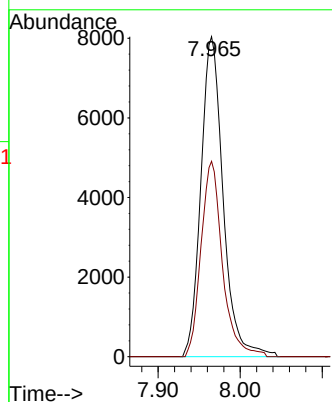
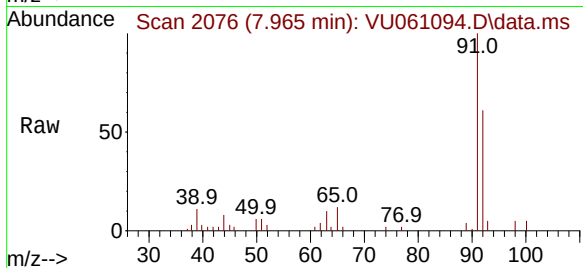
ClientSampleId :

Tgt Ion: 91 Resp: 15154

Ion Ratio Lower Upper

91 100

92 61.1 40.5 75.3



#52

Ethylbenzene

Concen: 0.467 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061094.D

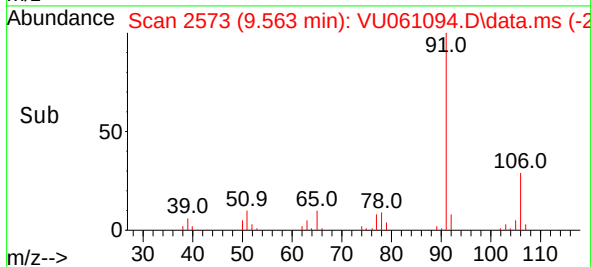
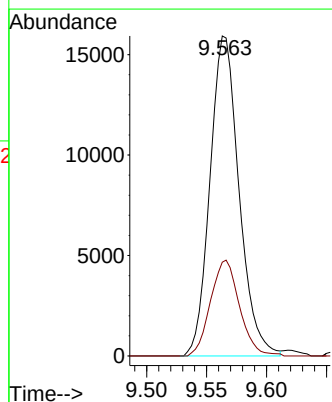
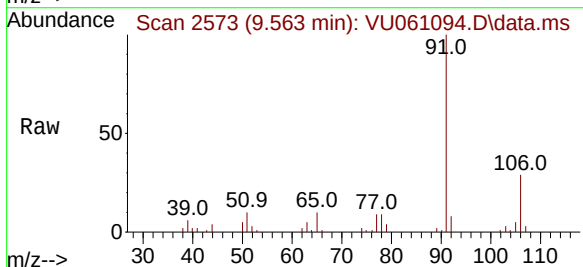
Acq: 10 Oct 2024 17:11

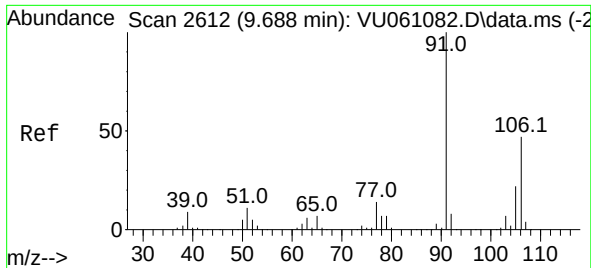
Tgt Ion: 91 Resp: 26813

Ion Ratio Lower Upper

91 100

106 29.3 21.8 40.6

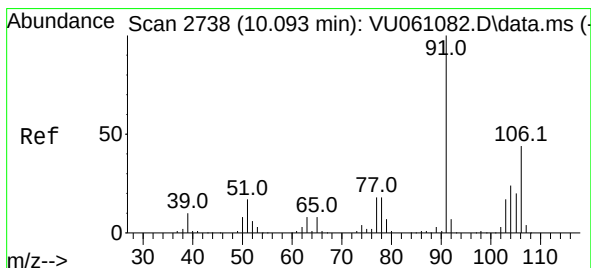
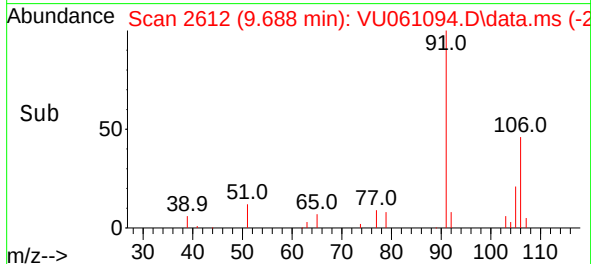
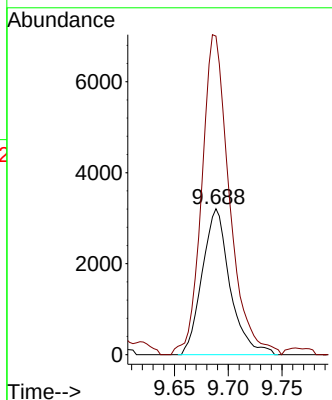
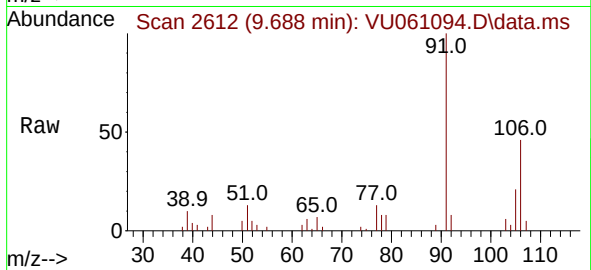




#53
m,p-Xylene
Concen: 0.276 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

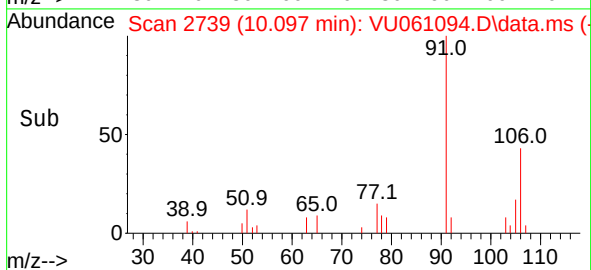
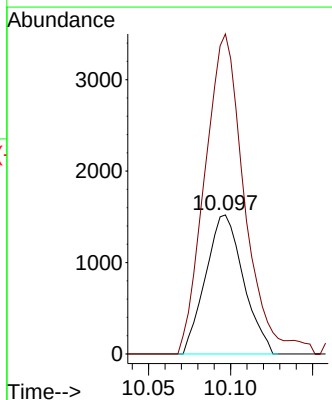
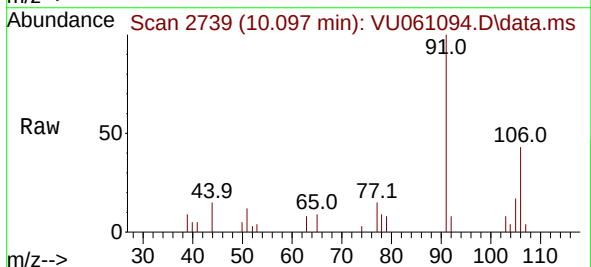
Instrument :
MSVOA_U
ClientSampleId :

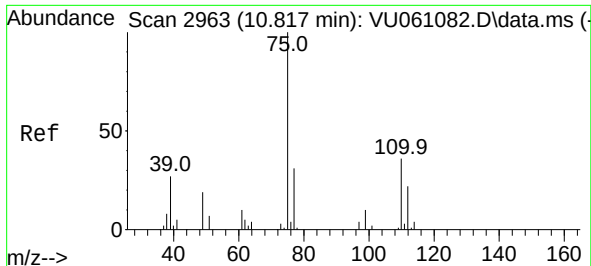
Tgt Ion:106 Resp: 5774
Ion Ratio Lower Upper
106 100
91 218.2 139.7 259.4



#54
o-Xylene
Concen: 0.118 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU061094.D
Acq: 10 Oct 2024 17:11

Tgt Ion:106 Resp: 2432
Ion Ratio Lower Upper
106 100
91 230.1 148.6 276.0





#61

1,2,3-Trichloropropane

Concen: 1.351 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU061094.D

Acq: 10 Oct 2024 17:11

Instrument :

MSVOA_U

ClientSampleId :

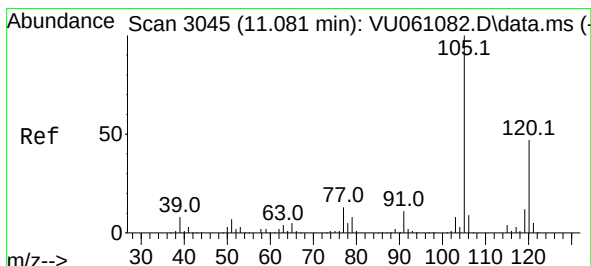
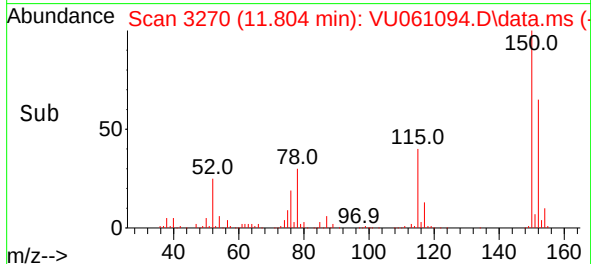
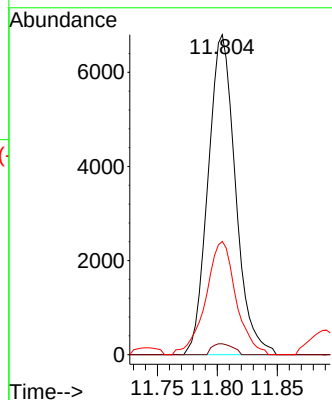
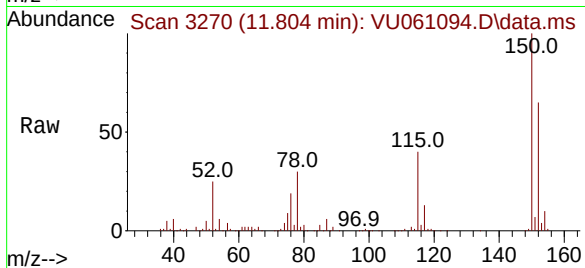
Tgt Ion: 75 Resp: 10799

Ion Ratio Lower Upper

75 100

110 2.6 28.6 43.0#

77 39.0 26.3 39.5



#62

1,3,5-Trimethylbenzene

Concen: 0.121 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU061094.D

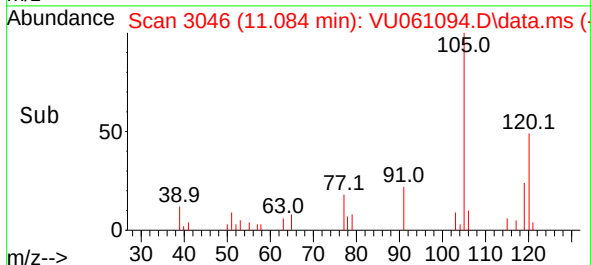
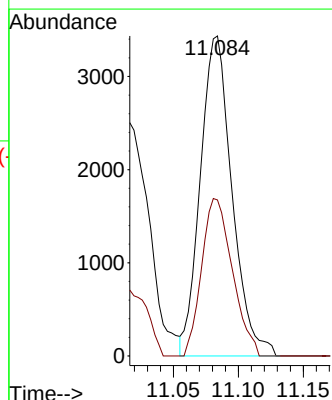
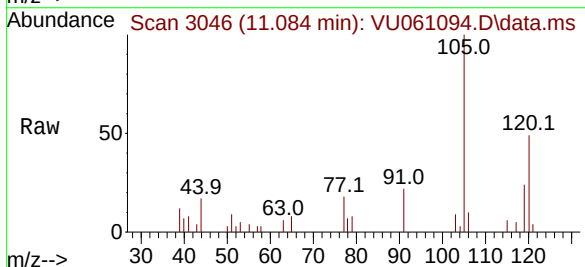
Acq: 10 Oct 2024 17:11

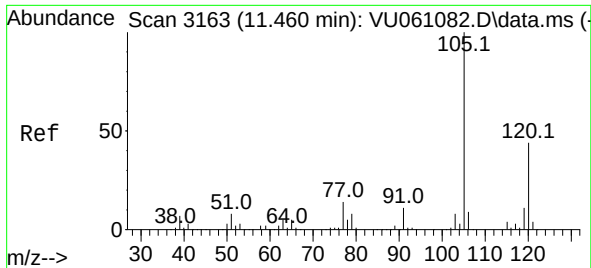
Tgt Ion: 105 Resp: 5828

Ion Ratio Lower Upper

105 100

120 47.7 38.5 57.7





#63

1,2,4-Trimethylbenzene

Concen: 0.204 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061094.D

Acq: 10 Oct 2024 17:11

Instrument :

MSVOA_U

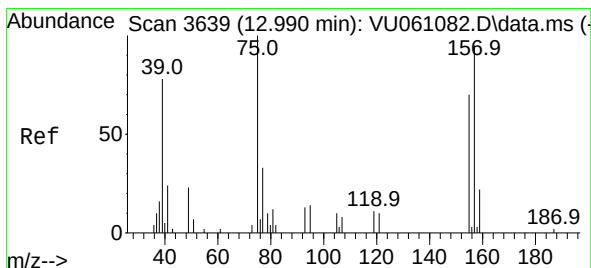
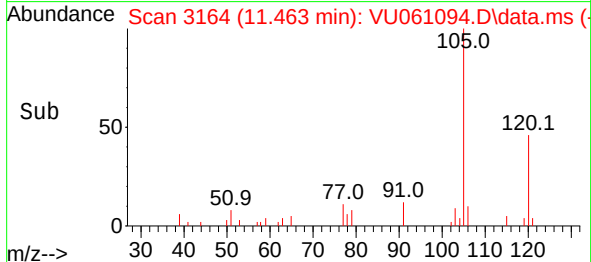
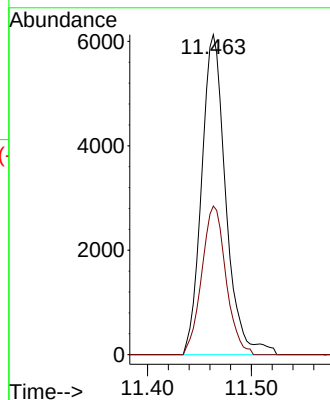
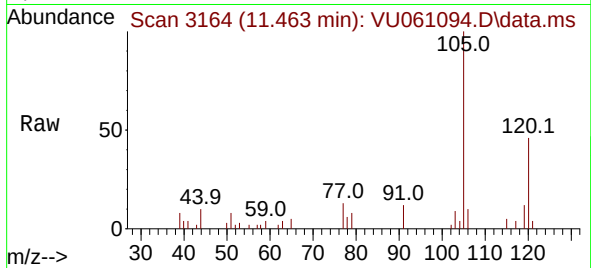
ClientSampleId :

Tgt Ion:105 Resp: 9877

Ion Ratio Lower Upper

105 100

120 46.6 36.1 54.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.110 ug/L

RT: 13.029 min Scan# 3651

Delta R.T. 0.039 min

Lab File: VU061094.D

Acq: 10 Oct 2024 17:11

Tgt Ion: 75 Resp: 191

Ion Ratio Lower Upper

75 100

155 0.0 73.1 109.7#

157 0.0 91.0 136.4#

