

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
 Data File : VU060094.D
 Acq On : 22 Jul 2024 15:33
 Operator : MD/SY
 Sample : P3244-02DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 06:39:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

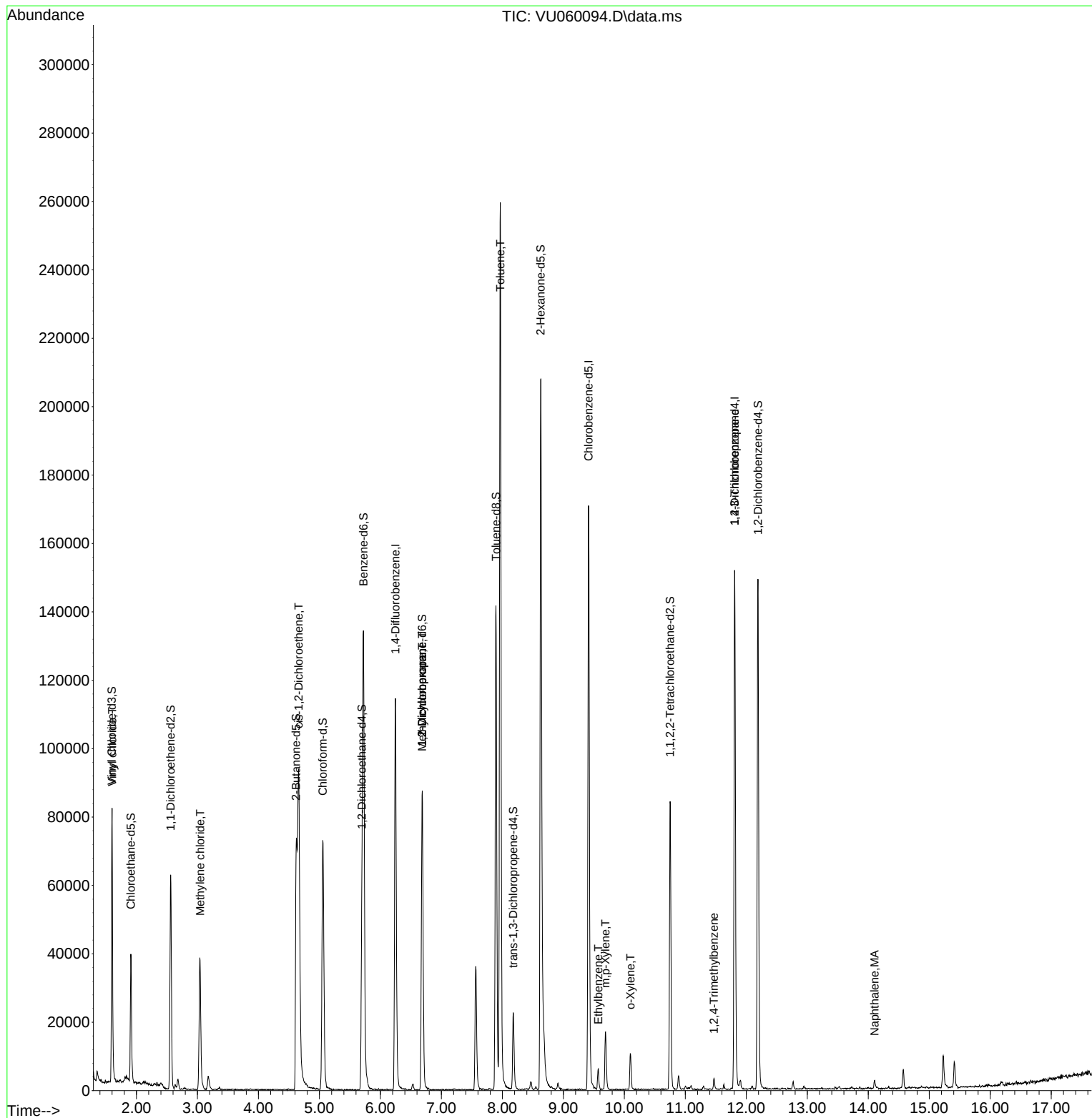
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	99044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	107936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29361	4.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.908	69	29787	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.560	65	11524	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.618	46	96539	59.921	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.840%
24) Chloroform-d	5.055	84	71977	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	36776	5.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	132987	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.685	67	45897	4.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.894	98	104064	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	14788	4.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.627	63	75945	54.560	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	44922	5.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	45189	5.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	34210	3.373	ug/L	99
16) Methylene chloride	3.043	84	21695	2.341	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	44824	5.089	ug/L	96
35) Methylcyclohexane	6.682	83	10603	0.855	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	4707	0.489	ug/L #	88
42) Toluene	7.965	91	203684	5.368	ug/L	97
52) Ethylbenzene	9.573	91	4743	0.125	ug/L	88
53) m,p-Xylene	9.689	106	5235	0.358	ug/L	97
54) o-Xylene	10.100	106	3280	0.235	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	4759	0.989	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.470	105	2276	0.103	ug/L	93
71) Naphthalene	14.103	128	2870	0.220	ug/L #	93

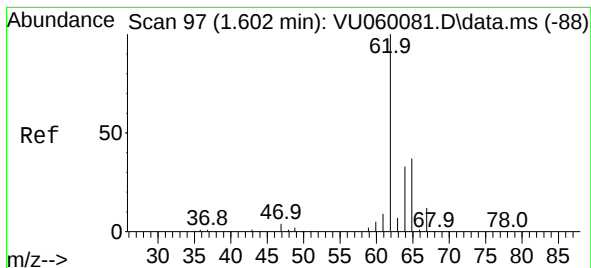
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.373 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060094.D

Acq: 22 Jul 2024 15:33

Instrument :

MSVOA_U

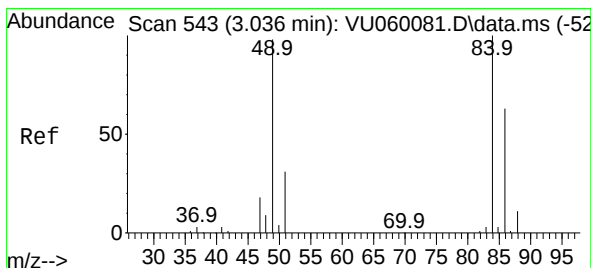
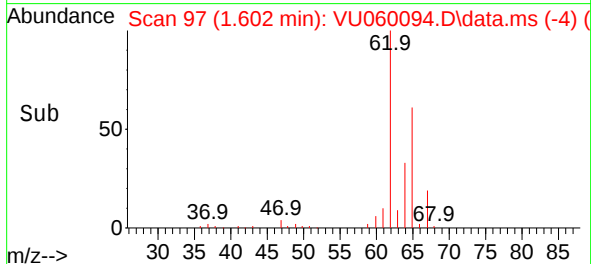
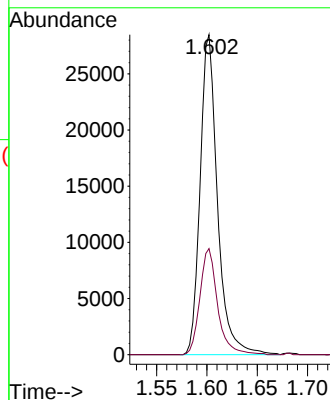
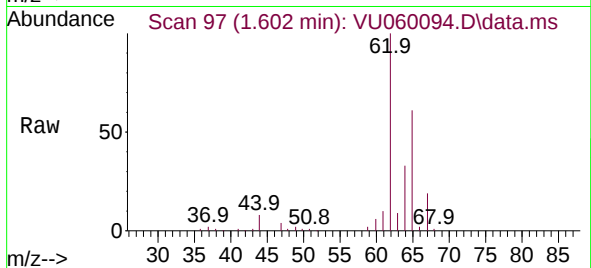
ClientSampleId :

Tgt Ion: 62 Resp: 34210

Ion Ratio Lower Upper

62 100

64 33.2 22.8 42.4



#16

Methylene chloride

Concen: 2.341 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060094.D

Acq: 22 Jul 2024 15:33

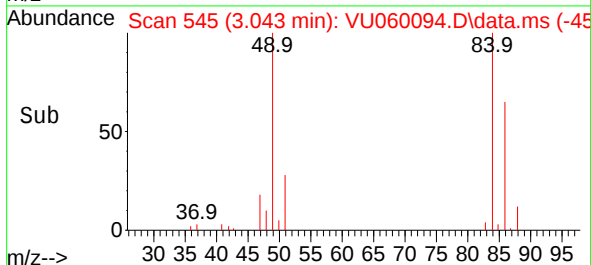
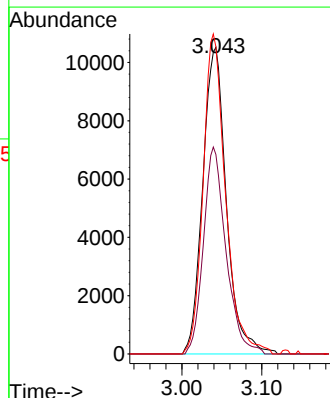
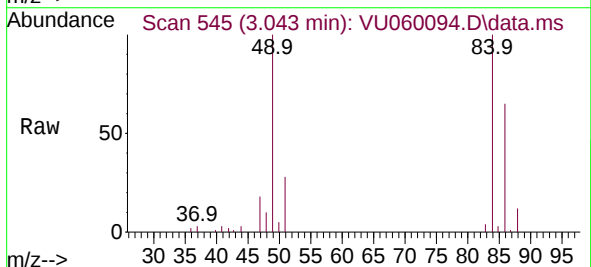
Tgt Ion: 84 Resp: 21695

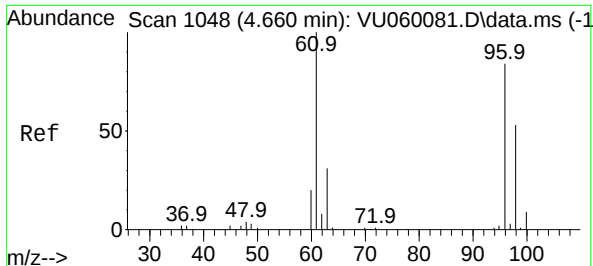
Ion Ratio Lower Upper

84 100

86 65.1 44.4 82.5

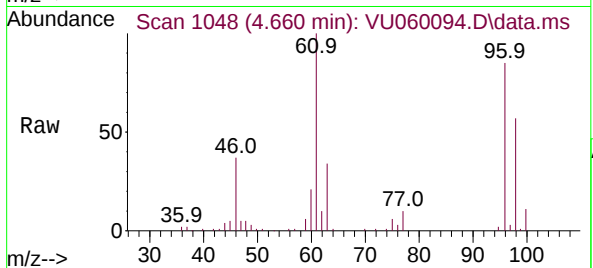
49 100.2 72.0 133.6



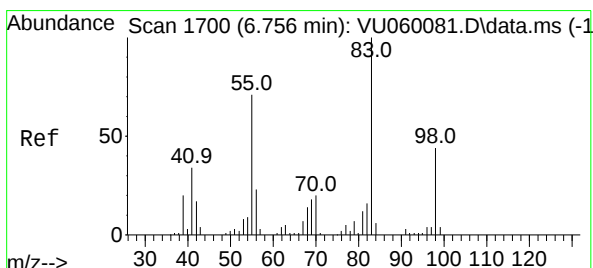
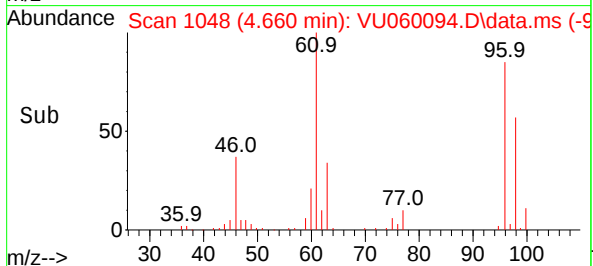
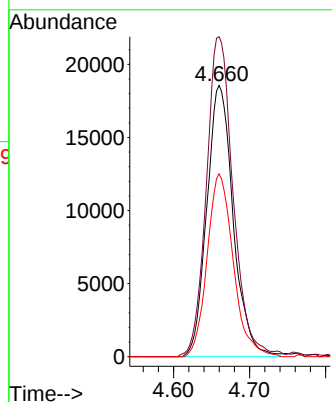


#22
cis-1,2-Dichloroethene
Concen: 5.089 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060094.D
Acq: 22 Jul 2024 15:33

Instrument :
MSVOA_U
ClientSampleId :

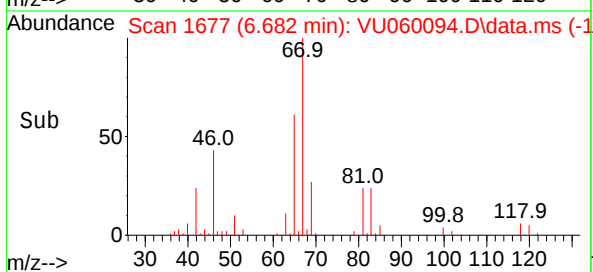
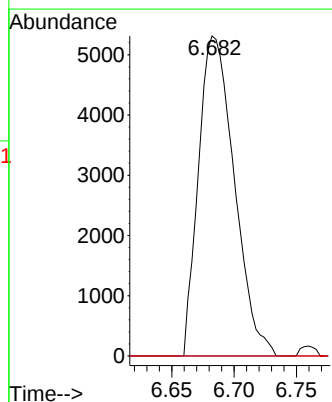
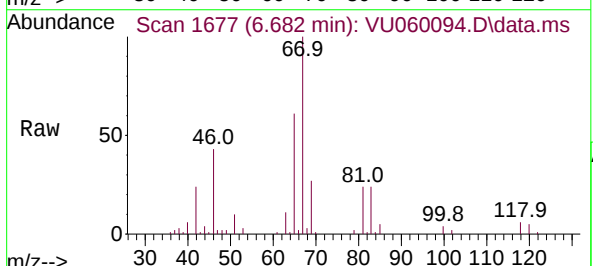


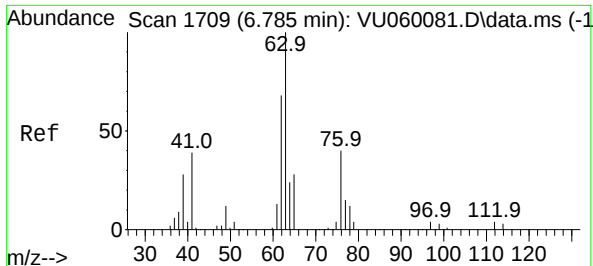
Tgt Ion: 96 Resp: 44824
Ion Ratio Lower Upper
96 100
61 118.0 80.2 148.9
98 67.4 44.7 83.1



#35
Methylcyclohexane
Concen: 0.855 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060094.D
Acq: 22 Jul 2024 15:33

Tgt Ion: 83 Resp: 10603
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 0.2 36.6 55.0#

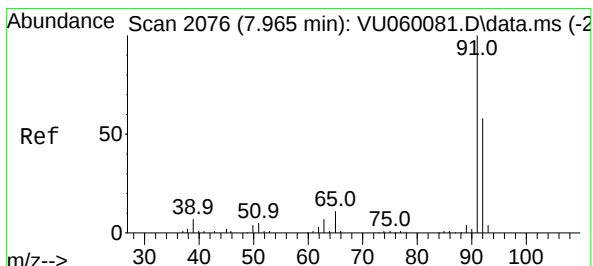
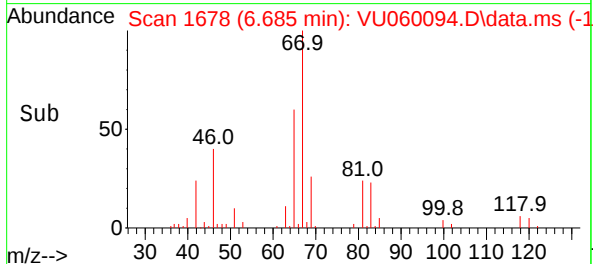
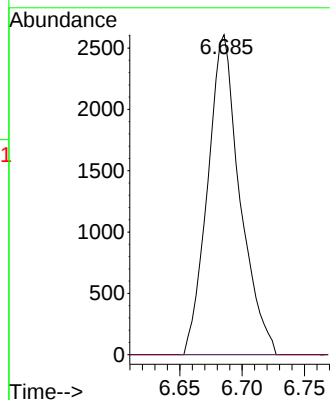
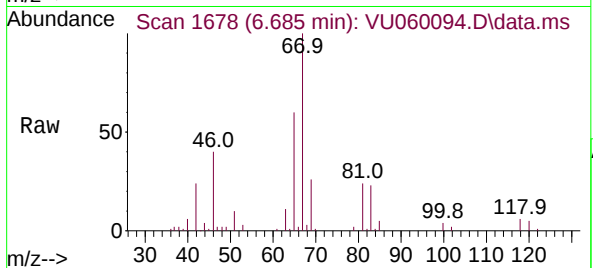




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060094.D
Acq: 22 Jul 2024 15:33

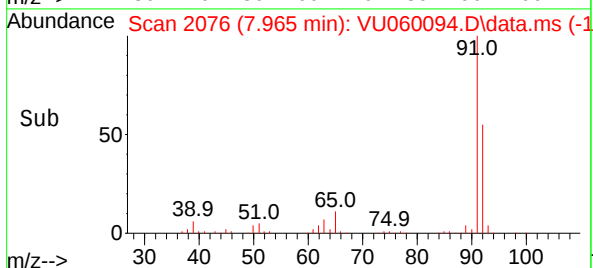
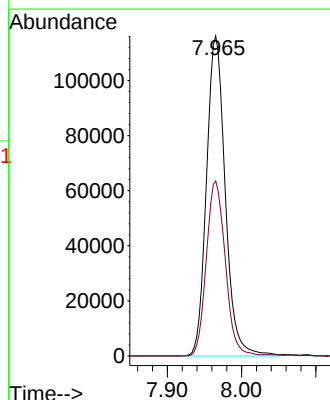
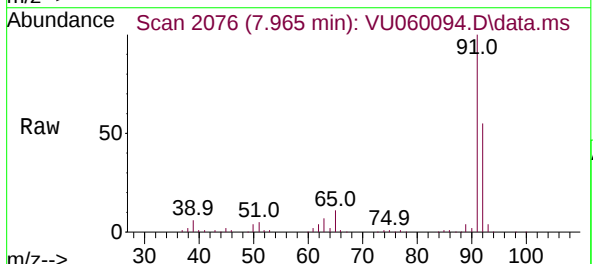
Instrument :
MSVOA_U
ClientSampleId :

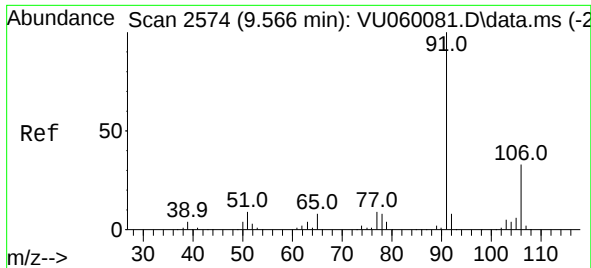
Tgt Ion: 63 Resp: 4707
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 5.368 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060094.D
Acq: 22 Jul 2024 15:33

Tgt Ion: 91 Resp: 203684
Ion Ratio Lower Upper
91 100
92 54.7 39.8 73.8

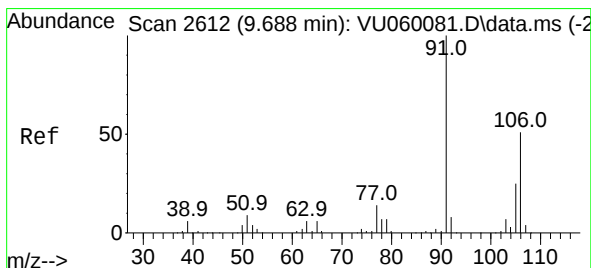
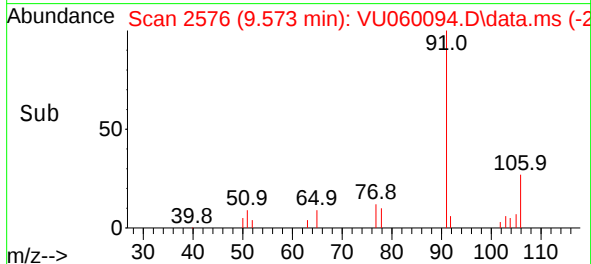
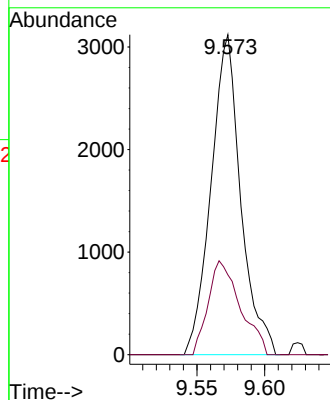
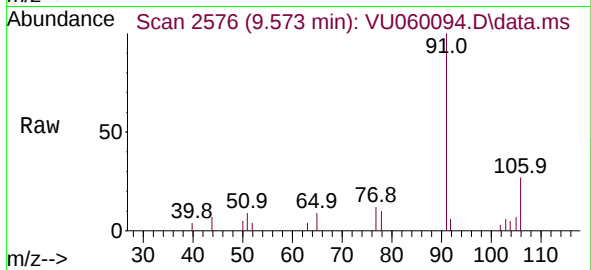




#52
Ethylbenzene
Concen: 0.125 ug/L
RT: 9.573 min Scan# 2574
Delta R.T. 0.010 min
Lab File: VU060094.D
Acq: 22 Jul 2024 15:33

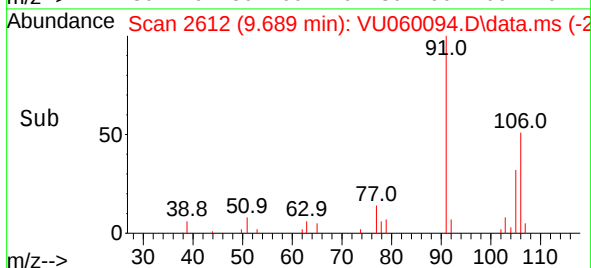
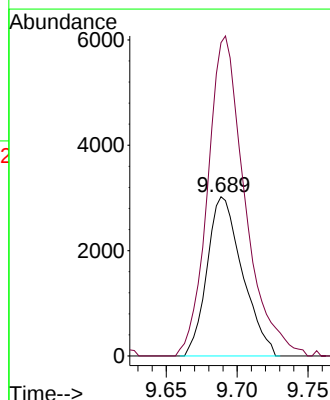
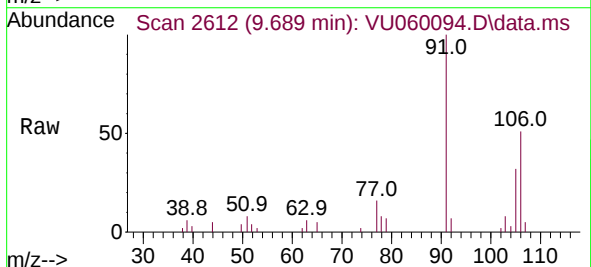
Instrument :
MSVOA_U
ClientSampleId :

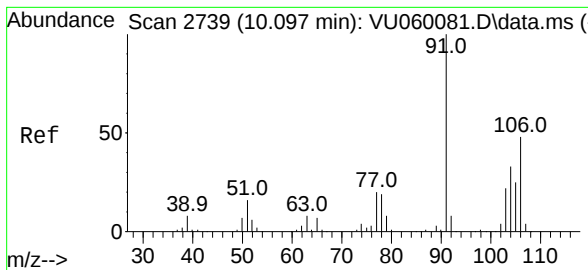
Tgt Ion: 91 Resp: 4743
Ion Ratio Lower Upper
91 100
106 24.9 21.9 40.7



#53
m,p-Xylene
Concen: 0.358 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060094.D
Acq: 22 Jul 2024 15:33

Tgt Ion:106 Resp: 5235
Ion Ratio Lower Upper
106 100
91 196.7 141.3 262.5





#54

o-Xylene

Concen: 0.235 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU060094.D

Acq: 22 Jul 2024 15:33

Instrument :

MSVOA_U

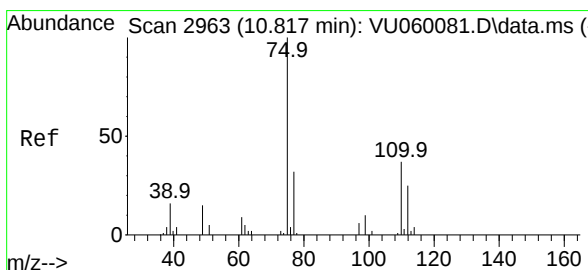
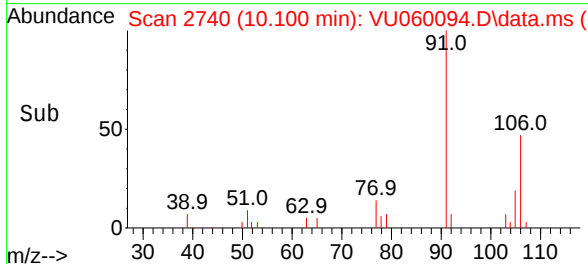
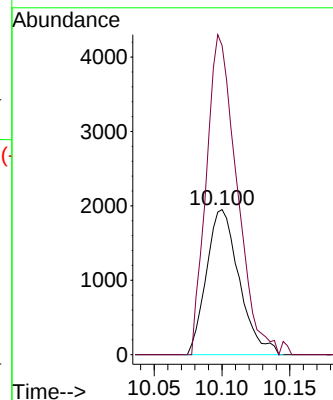
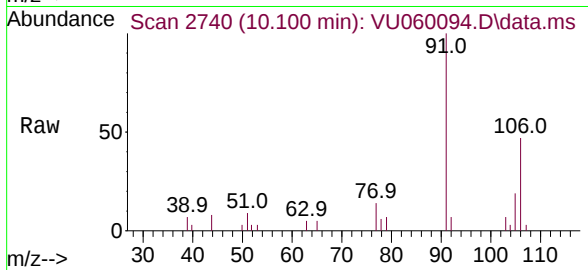
ClientSampleId :

Tgt Ion:106 Resp: 3280

Ion Ratio Lower Upper

106 100

91 213.0 143.6 266.6



#61

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060094.D

Acq: 22 Jul 2024 15:33

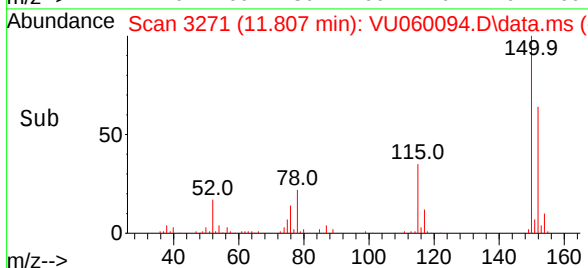
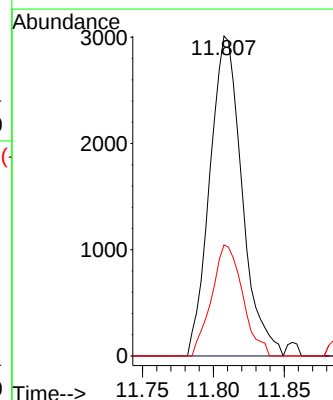
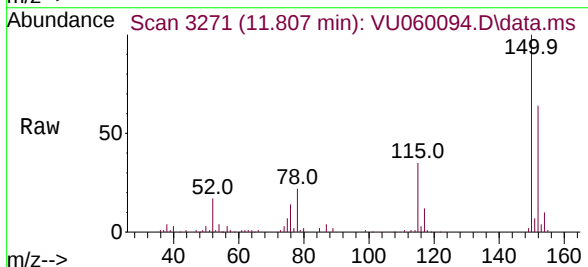
Tgt Ion: 75 Resp: 4759

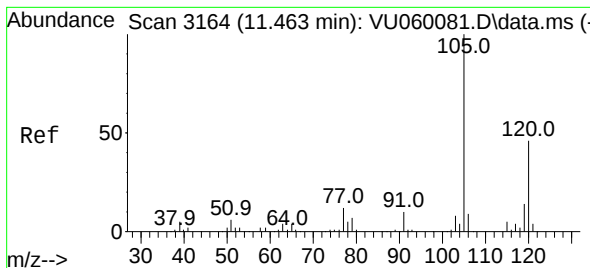
Ion Ratio Lower Upper

75 100

110 0.0 30.8 46.2#

77 33.5 26.2 39.2





#63

1,2,4-Trimethylbenzene

Concen: 0.103 ug/L

RT: 11.470 min Scan# 3166

Delta R.T. 0.007 min

Lab File: VU060094.D

Acq: 22 Jul 2024 15:33

Instrument :

MSVOA_U

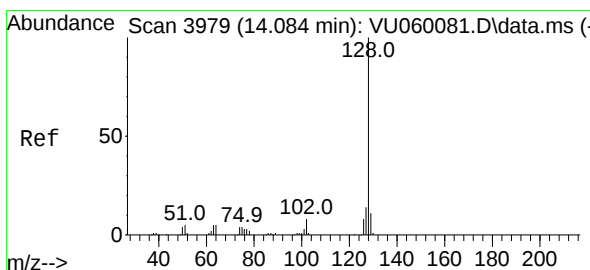
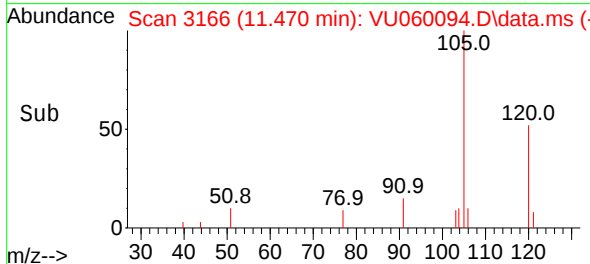
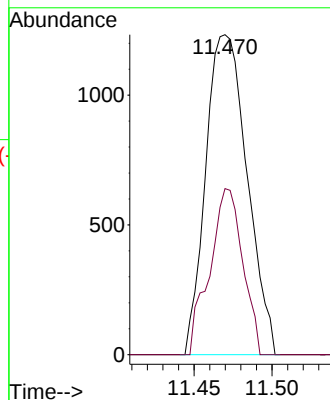
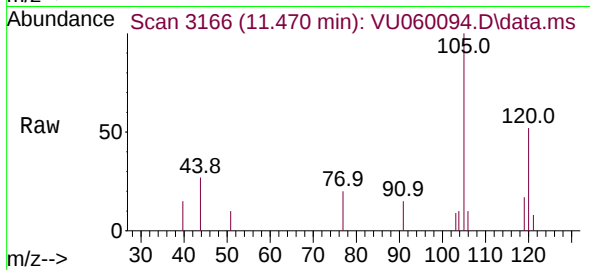
ClientSampleId :

Tgt Ion:105 Resp: 2276

Ion Ratio Lower Upper

105 100

120 41.4 36.7 55.1



#71

Naphthalene

Concen: 0.220 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.023 min

Lab File: VU060094.D

Acq: 22 Jul 2024 15:33

Tgt Ion:128 Resp: 2870

Ion Ratio Lower Upper

128 100

129 10.0 8.2 12.4

127 8.6 10.6 16.0#

