

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058649.D
 Acq On : 12 Apr 2024 13:16
 Operator : MD/SY
 Sample : P1992-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:05:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

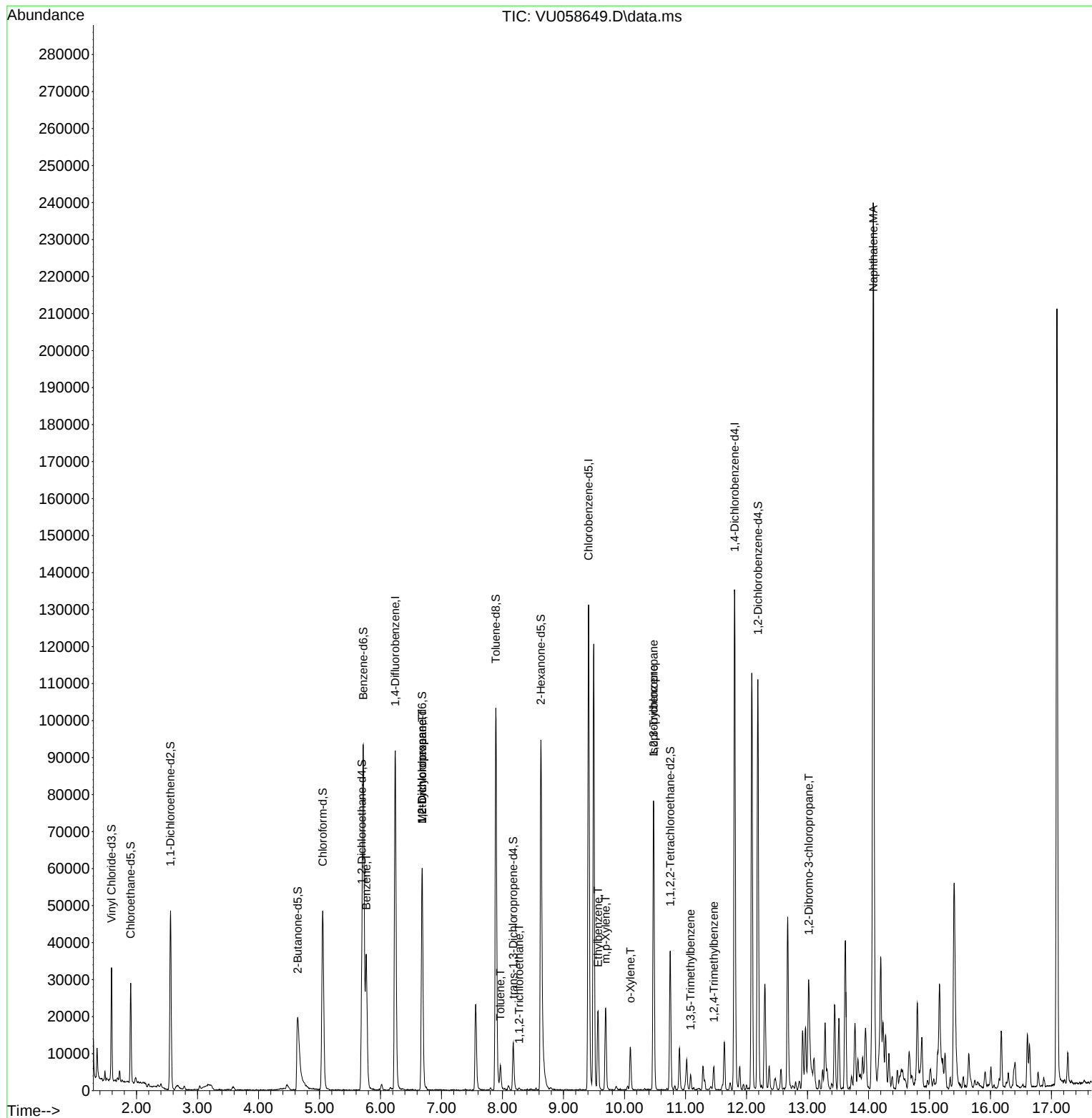
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	70144	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	19061	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.904	69	18122	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.557	65	9190	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.640	46	43595	44.545	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.100%
24) Chloroform-d	5.052	84	44960	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	20853	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.717	84	84299	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	28256	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	68154	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	7669	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	32658	43.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18438	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.186	152	25098	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
33) Benzene	5.766	78	33742	1.355	ug/L	100
35) Methylcyclohexane	6.682	83	5754	0.609	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	2898	0.442	ug/L #	90
42) Toluene	7.965	91	4905	0.188	ug/L	97
45) 1,1,2-Trichloroethane	8.273	97	520	0.136	ug/L #	14
52) Ethylbenzene	9.566	91	14923	0.539	ug/L	100
53) m,p-Xylene	9.691	106	5897	0.595	ug/L	96
54) o-Xylene	10.097	106	3022	0.311	ug/L	99
60) Isopropylbenzene	10.476	105	46527	1.906	ug/L	99
61) 1,2,3-Trichloropropane	10.476	75	698	0.205	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.084	105	2538	0.127	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	3742	0.184	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.019	75	553	0.958	ug/L #	4
71) Naphthalene	14.080	128	169377	18.276	ug/L	99

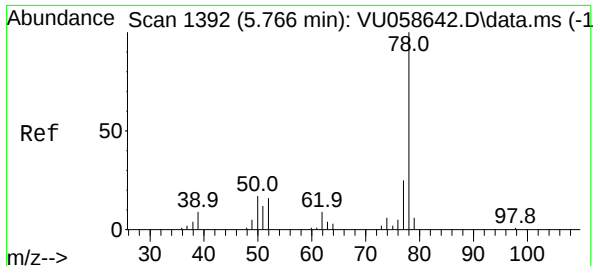
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 1.355 ug/L

RT: 5.766 min Scan# 14

Delta R.T. -0.000 min

Lab File: VU058649.D

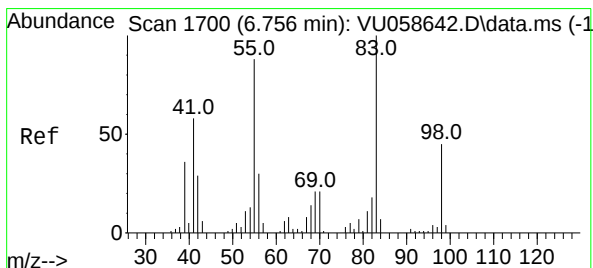
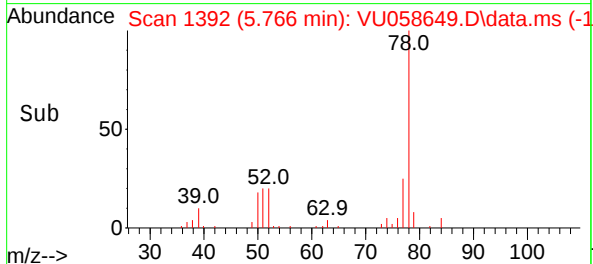
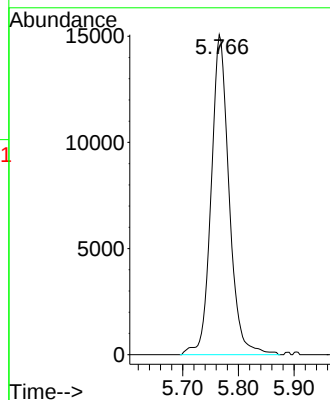
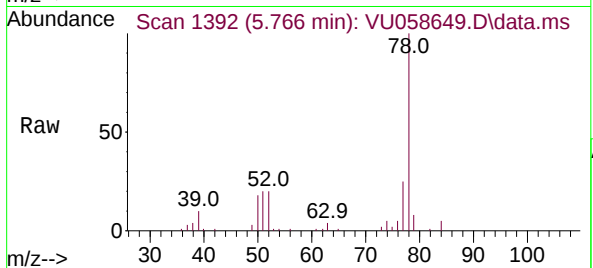
Acq: 12 Apr 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 33742



#35

Methylcyclohexane

Concen: 0.609 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

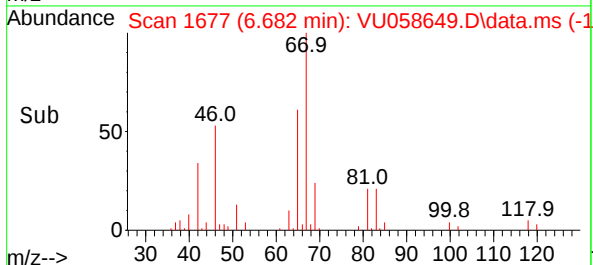
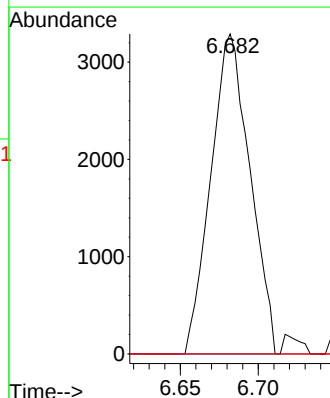
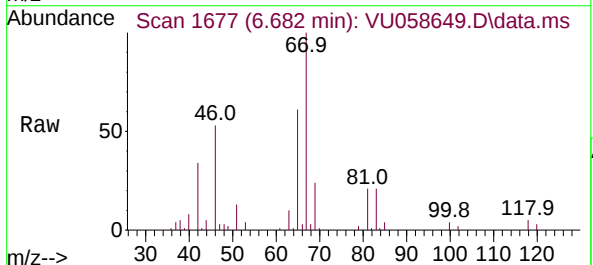
Tgt Ion: 83 Resp: 5754

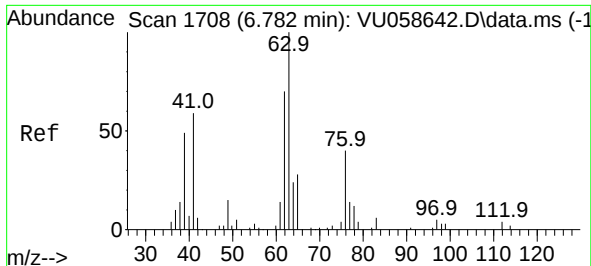
Ion Ratio Lower Upper

83 100

55 1.5 66.2 99.4#

98 0.0 34.6 52.0#

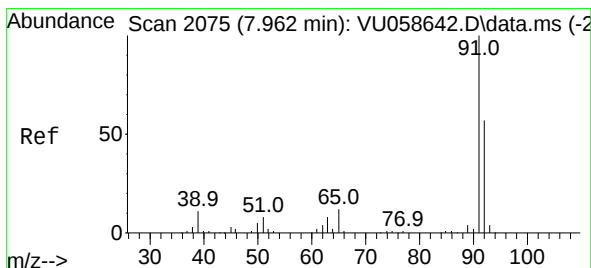
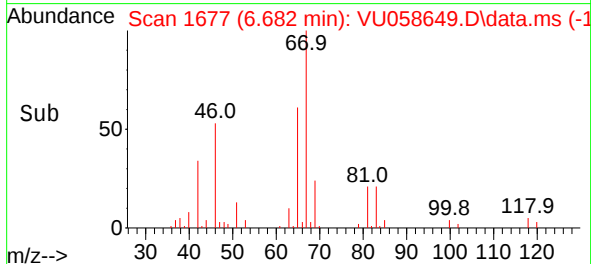
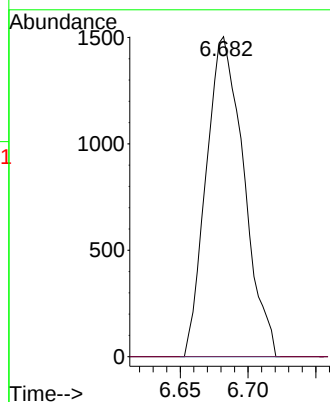
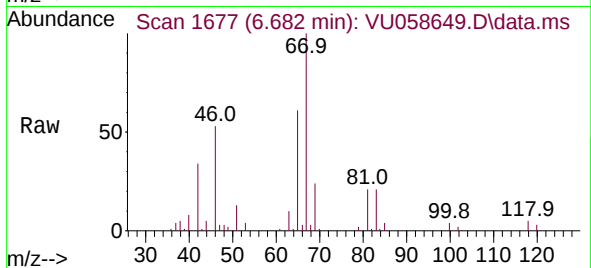




#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

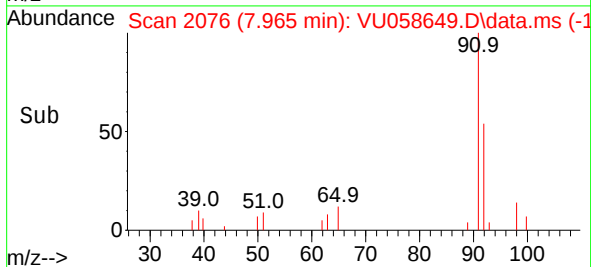
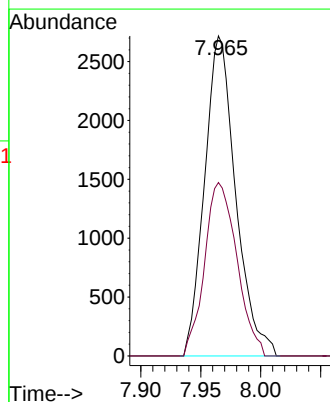
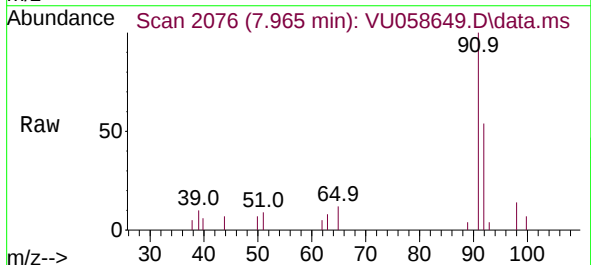
Instrument :
MSVOA_U
ClientSampleId :

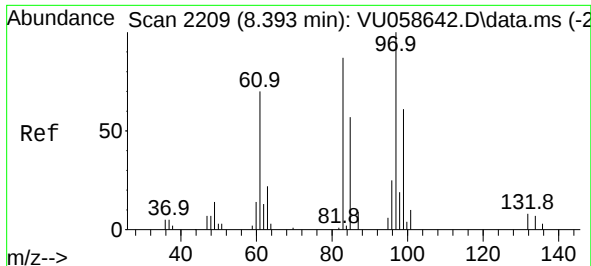
Tgt Ion: 63 Resp: 2898
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#42
Toluene
Concen: 0.188 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

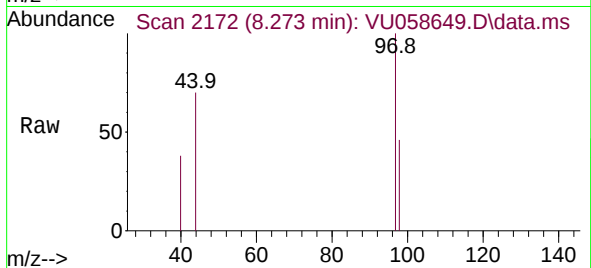
Tgt Ion: 91 Resp: 4905
Ion Ratio Lower Upper
91 100
92 54.2 39.5 73.3



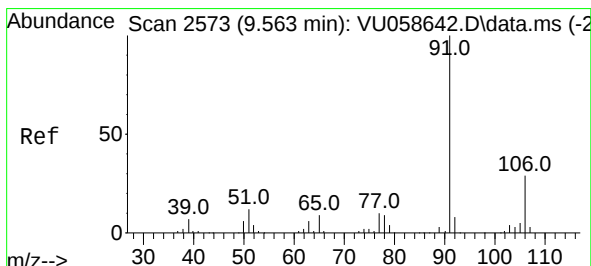
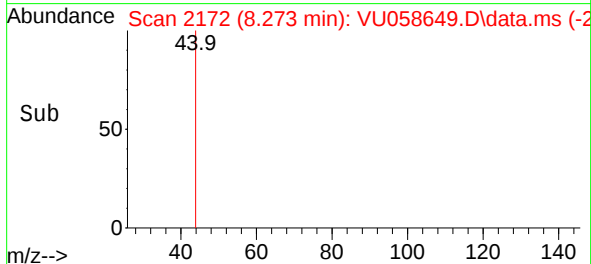
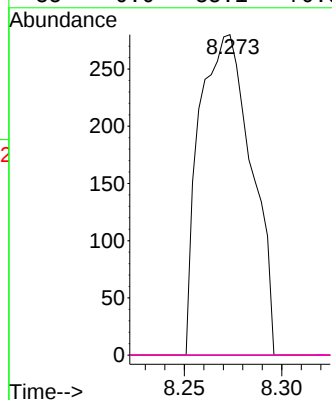


#45
1,1,2-Trichloroethane
Concen: 0.136 ug/L
RT: 8.273 min Scan# 2172
Delta R.T. -0.119 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :

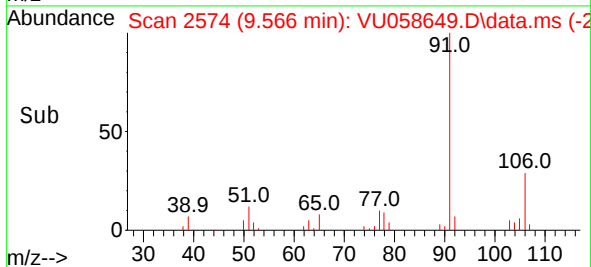
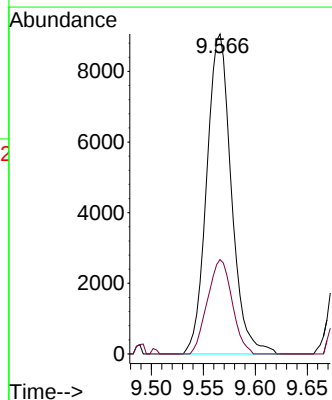
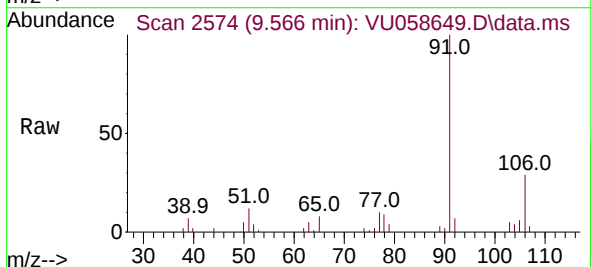


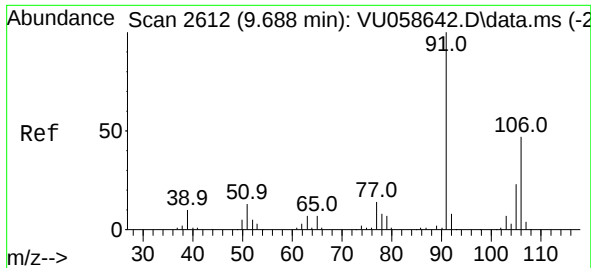
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.7	81.1#
83	0.0	64.5	119.7#
85	0.0	38.1	70.9#



#52
Ethylbenzene
Concen: 0.539 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU058649.D
Acq: 12 Apr 2024 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.5	20.6	38.4





#53

m,p-Xylene

Concen: 0.595 ug/L

RT: 9.691 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

Instrument :

MSVOA_U

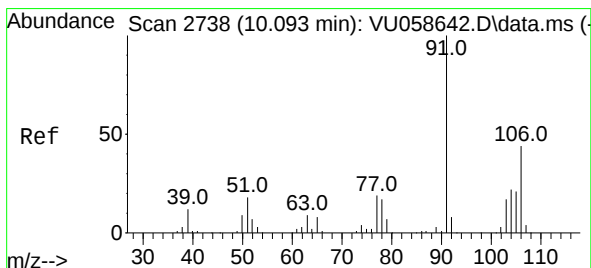
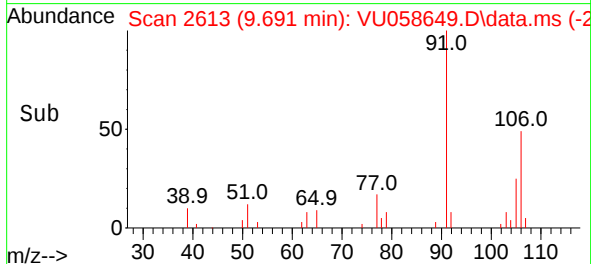
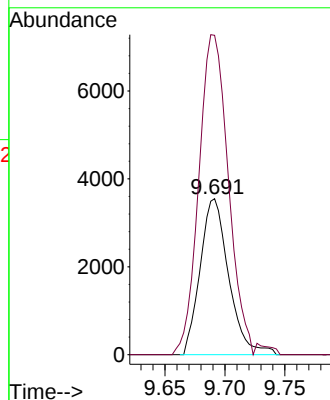
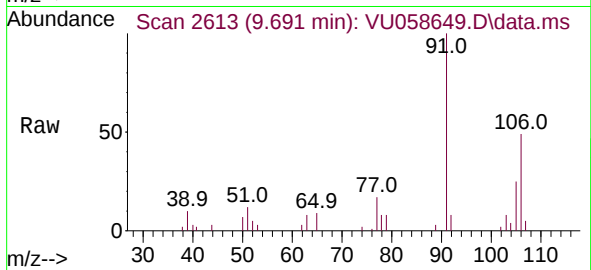
ClientSampleId :

Tgt Ion:106 Resp: 5897

Ion Ratio Lower Upper

106 100

91 204.6 147.8 274.4



#54

o-Xylene

Concen: 0.311 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.003 min

Lab File: VU058649.D

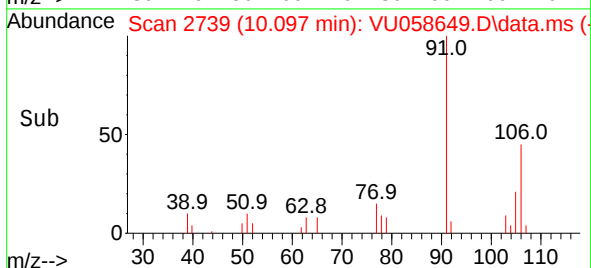
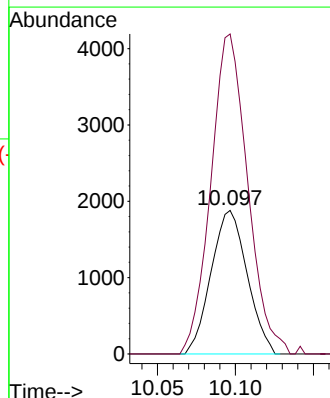
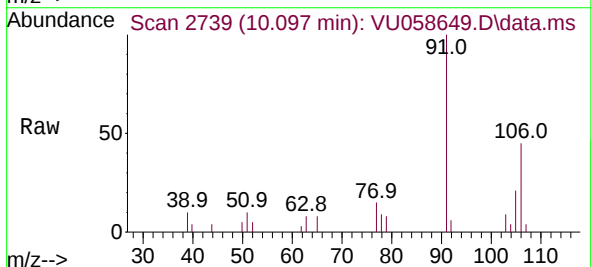
Acq: 12 Apr 2024 13:16

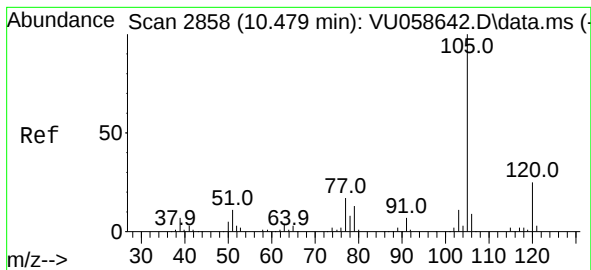
Tgt Ion:106 Resp: 3022

Ion Ratio Lower Upper

106 100

91 223.0 156.9 291.5





#60

Isopropylbenzene

Concen: 1.906 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

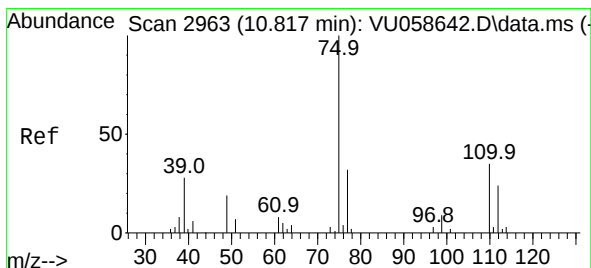
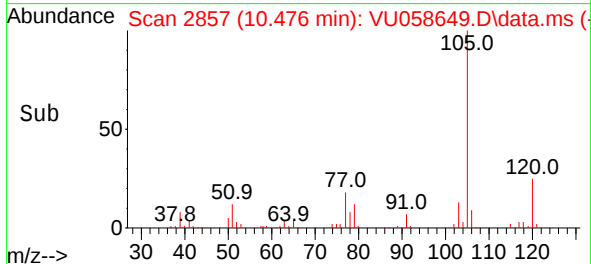
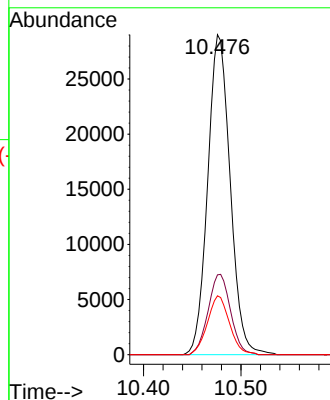
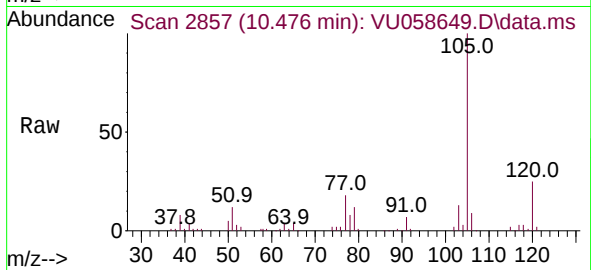
Tgt Ion:105 Resp: 46527

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.4

77 18.0 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 0.205 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.341 min

Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

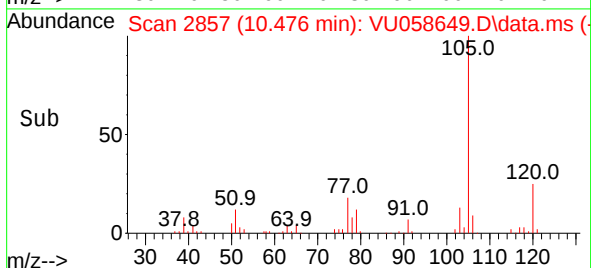
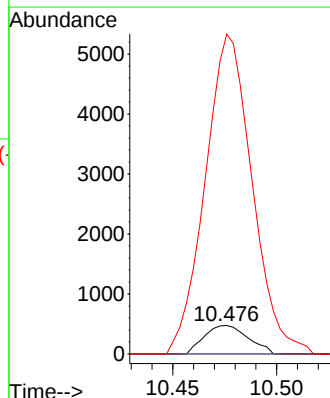
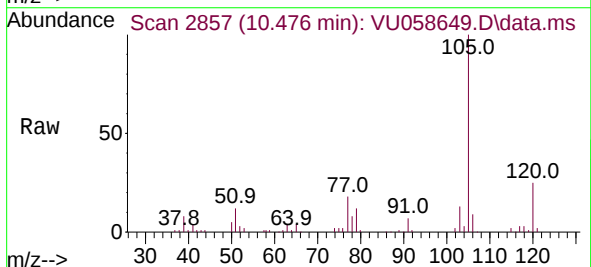
Tgt Ion: 75 Resp: 698

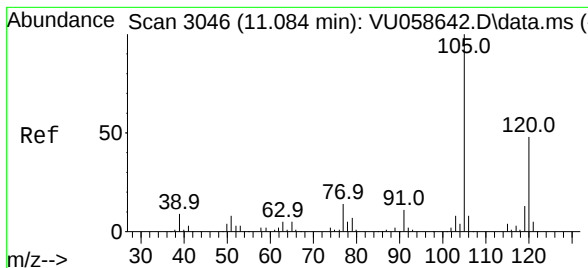
Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 1201.7 25.1 37.7#





#62

1,3,5-Trimethylbenzene

Concen: 0.127 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

Instrument :

MSVOA_U

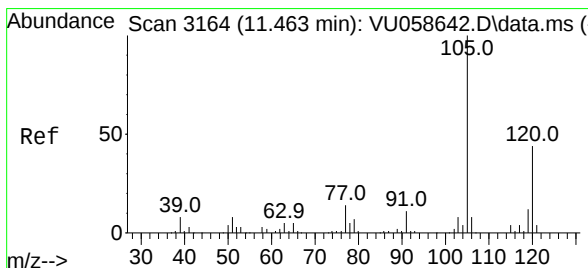
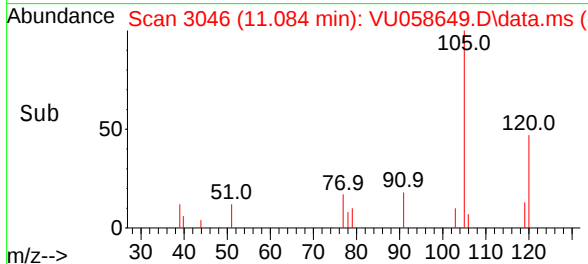
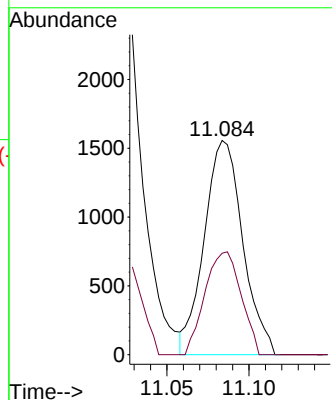
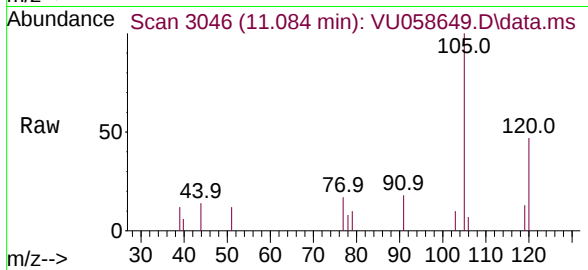
ClientSampleId :

Tgt Ion:105 Resp: 2538

Ion Ratio Lower Upper

105 100

120 44.9 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 0.184 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU058649.D

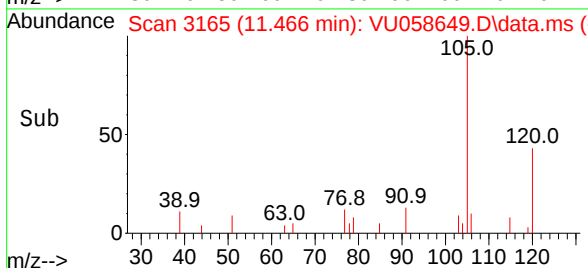
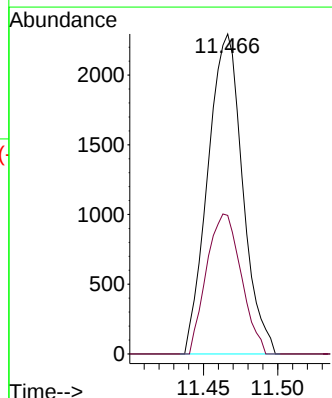
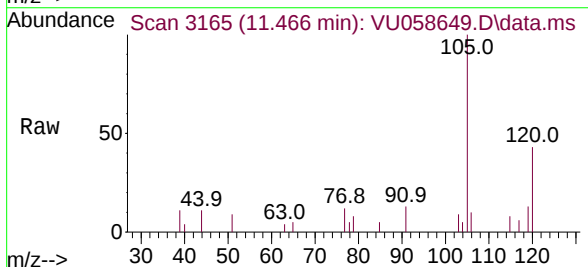
Acq: 12 Apr 2024 13:16

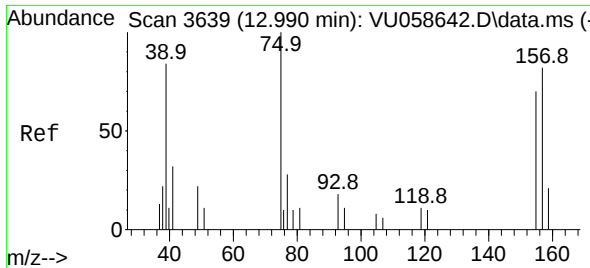
Tgt Ion:105 Resp: 3742

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1





#68

1,2-Dibromo-3-chloropropane

Concen: 0.958 ug/L

RT: 13.019 min Scan# 3648

Delta R.T. 0.029 min

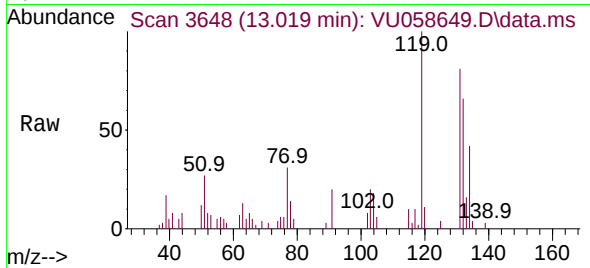
Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

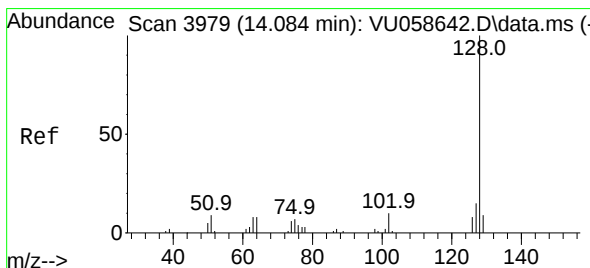
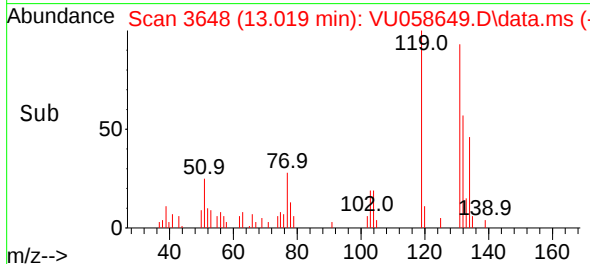
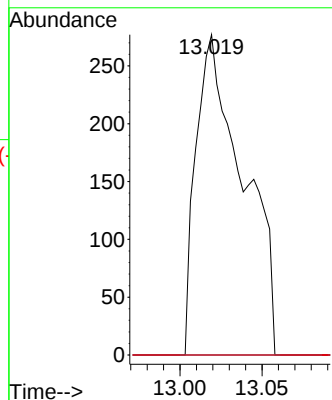
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	553
Ion	Ratio	Lower	Upper
75	100		
155	0.0	61.4	92.0#
157	0.0	81.7	122.5#



#71

Naphthalene

Concen: 18.276 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.003 min

Lab File: VU058649.D

Acq: 12 Apr 2024 13:16

Tgt Ion:	128	Resp:	169377
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.5	11.0	16.6

