

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120224\
 Data File : VU062070.D
 Acq On : 02 Dec 2024 13:02
 Operator : MD/SY
 Sample : P5017-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 00:25:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 03 00:21:51 2024
 Response via : Initial Calibration

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

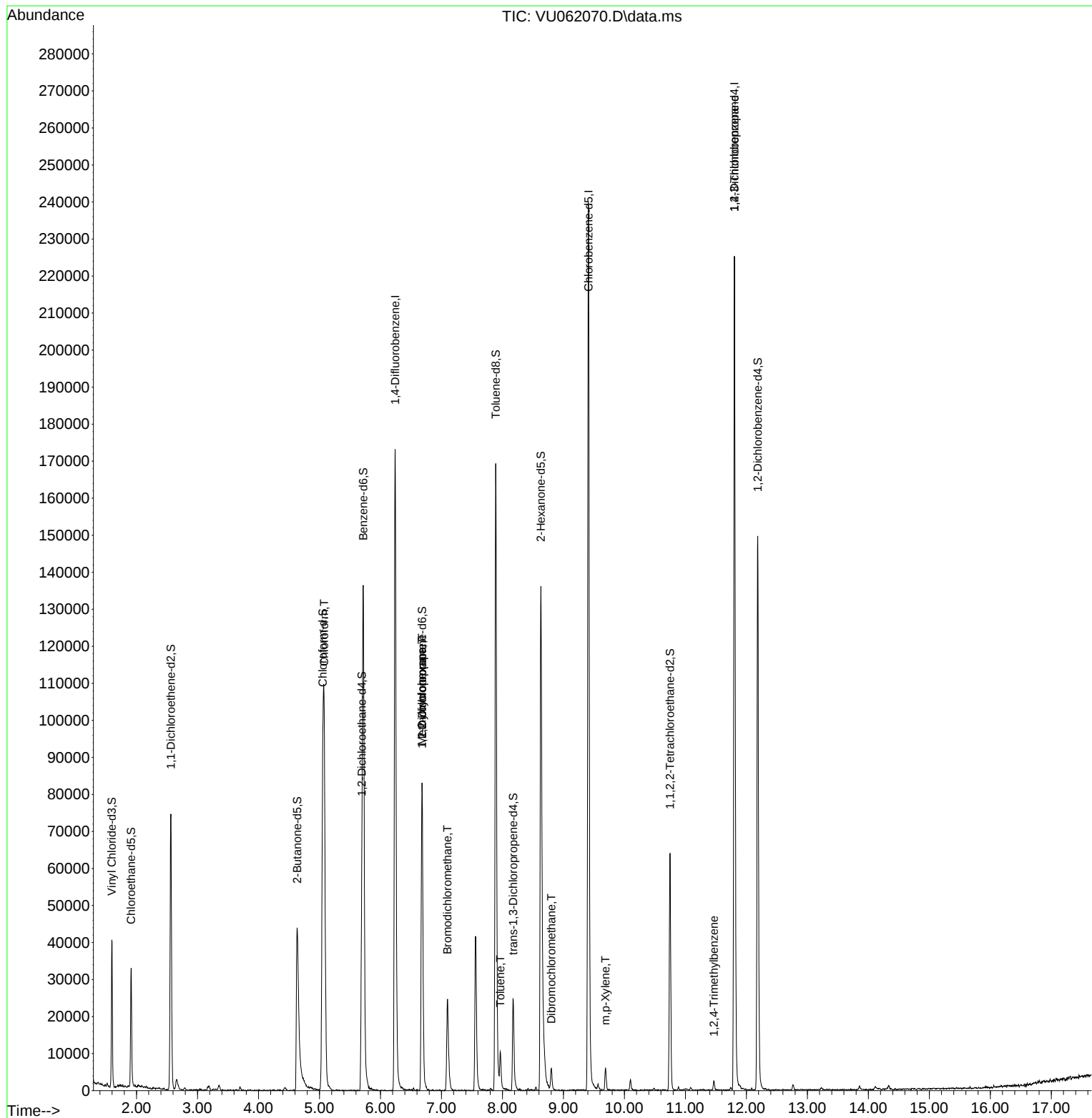
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146634	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27851	3.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	23550	3.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.563	65	14206	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.634	46	76417	33.833	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.660%
24) Chloroform-d	5.055	84	75379	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.695	65	36138	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.717	84	131975	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	42406	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.891	98	119662	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.177	79	16611	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.630	63	51384	33.085	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33045	3.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	41486	4.409	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
25) Chloroform	5.078	83	79784	3.769	ug/L	96
35) Methylcyclohexane	6.679	83	9953	0.581	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	4606	0.423	ug/L #	87
38) Bromodichloromethane	7.100	83	16637	1.259	ug/L	98
42) Toluene	7.965	91	8061	0.183	ug/L	99
49) Dibromochloromethane	8.801	129	3296	0.389	ug/L	96
53) m,p-Xylene	9.688	106	1983	0.107	ug/L	91
61) 1,2,3-Trichloropropane	11.804	75	7484	1.017	ug/L #	68
63) 1,2,4-Trimethylbenzene	11.470	105	2149	0.054	ug/L	91

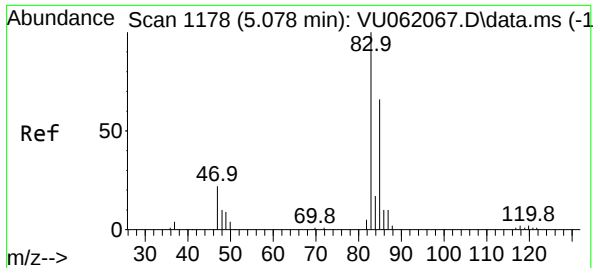
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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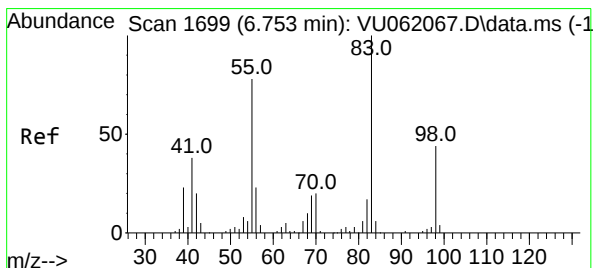
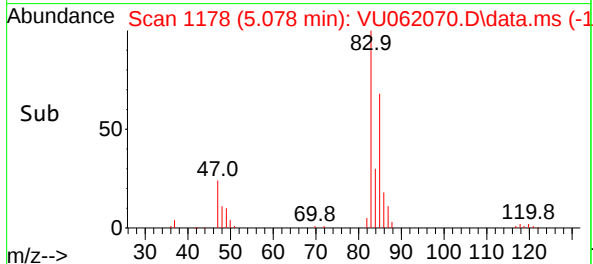
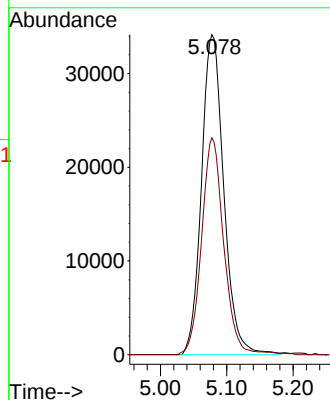
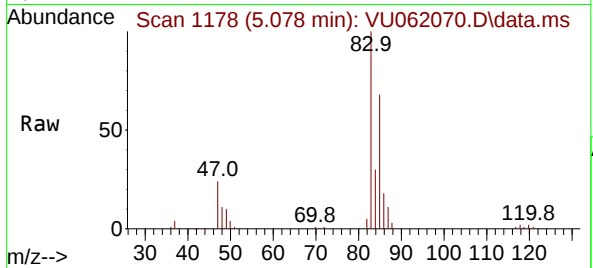




#25
Chloroform
Concen: 3.769 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU062070.D
Acq: 02 Dec 2024 13:02

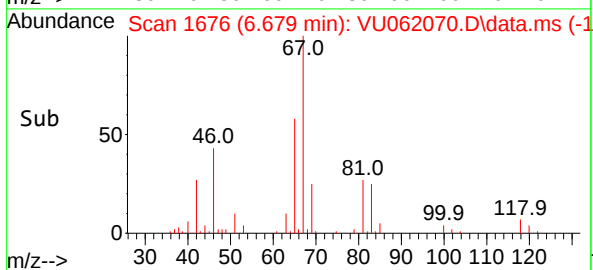
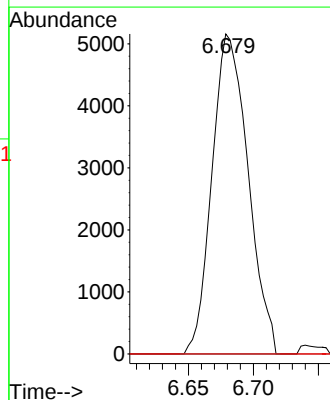
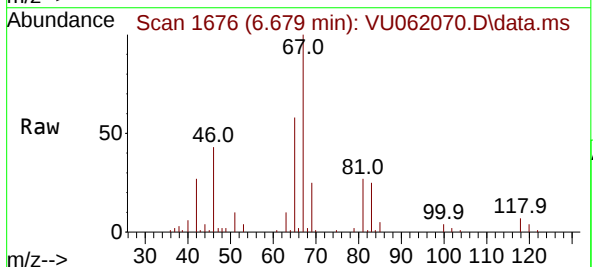
Instrument :
MSVOA_U
ClientSampleId :

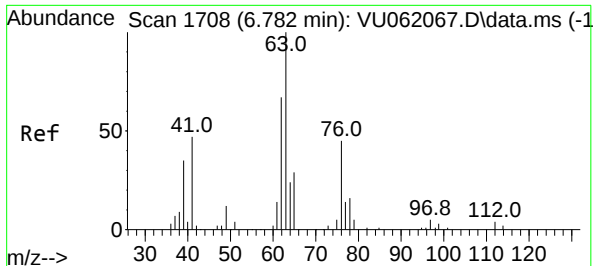
Tgt Ion: 83 Resp: 79784
Ion Ratio Lower Upper
83 100
85 67.7 45.4 84.2



#35
Methylcyclohexane
Concen: 0.581 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062070.D
Acq: 02 Dec 2024 13:02

Tgt Ion: 83 Resp: 9953
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.423 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU062070.D

Acq: 02 Dec 2024 13:02

Instrument :

MSVOA_U

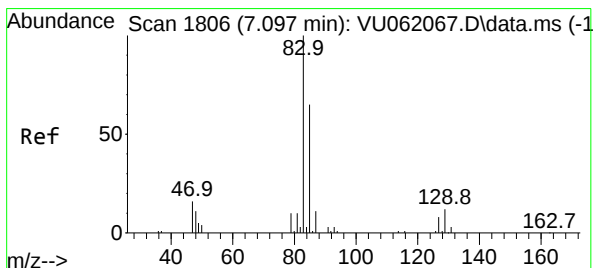
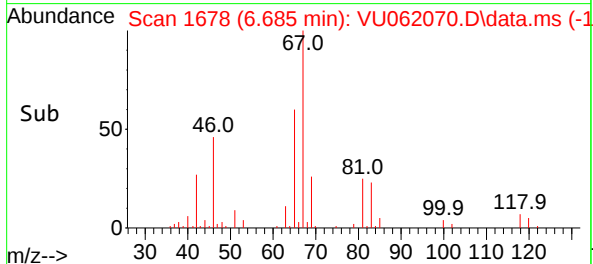
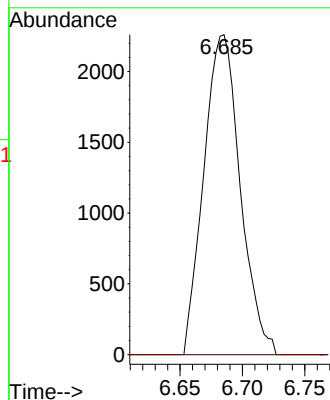
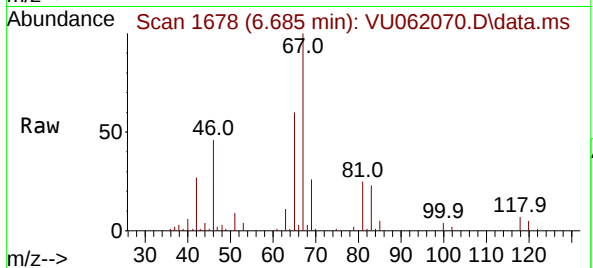
ClientSampleId :

Tgt Ion: 63 Resp: 4606

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 1.259 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU062070.D

Acq: 02 Dec 2024 13:02

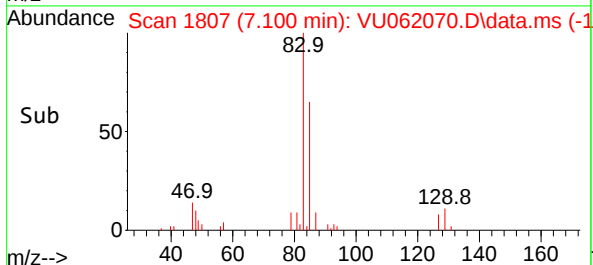
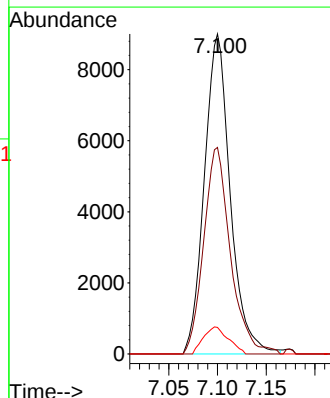
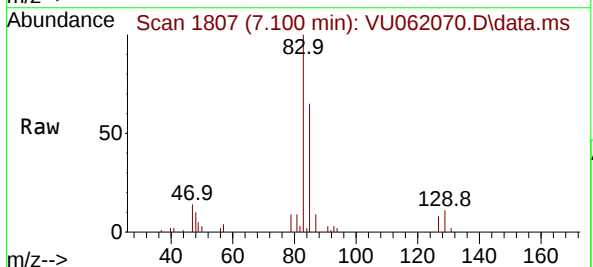
Tgt Ion: 83 Resp: 16637

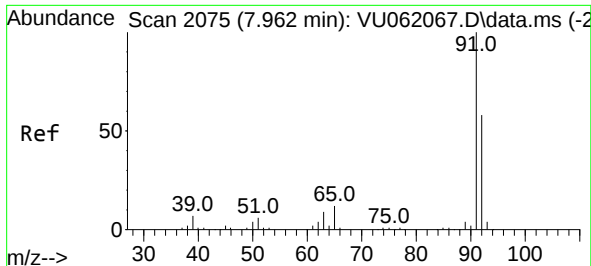
Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

127 8.3 6.9 10.3





#42

Toluene

Concen: 0.183 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062070.D

Acq: 02 Dec 2024 13:02

Instrument :

MSVOA_U

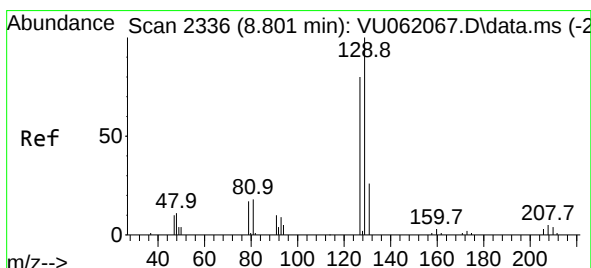
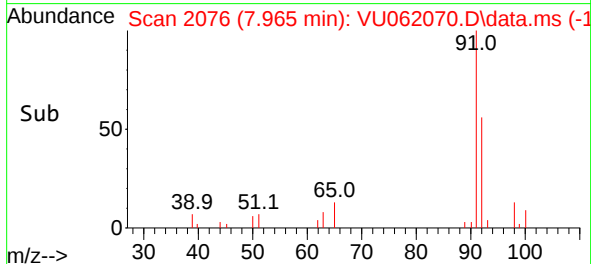
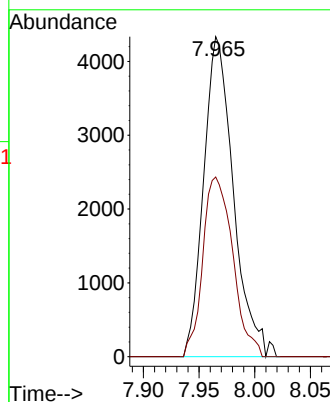
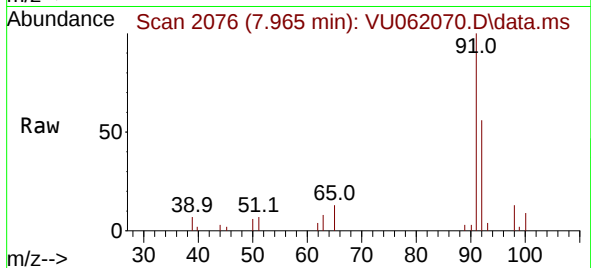
ClientSampleId :

Tgt Ion: 91 Resp: 8061

Ion Ratio Lower Upper

91 100

92 56.1 39.0 72.4



#49

Dibromochloromethane

Concen: 0.389 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU062070.D

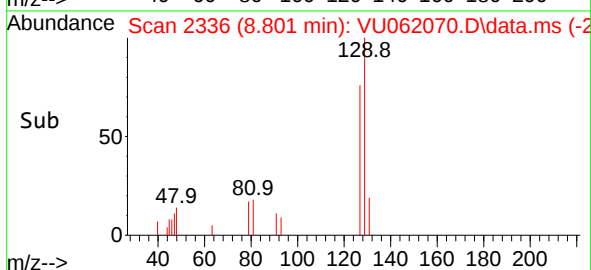
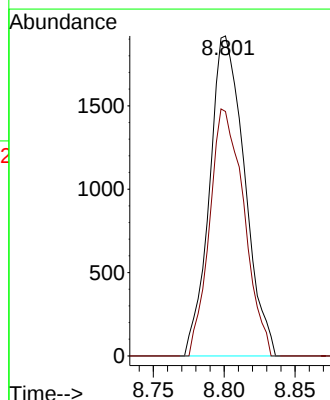
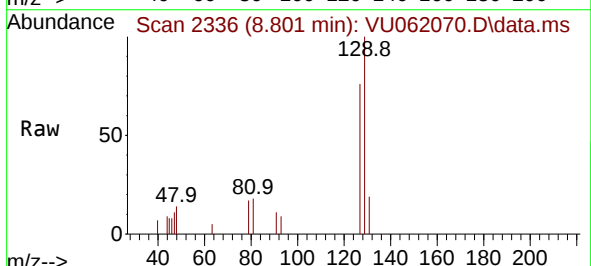
Acq: 02 Dec 2024 13:02

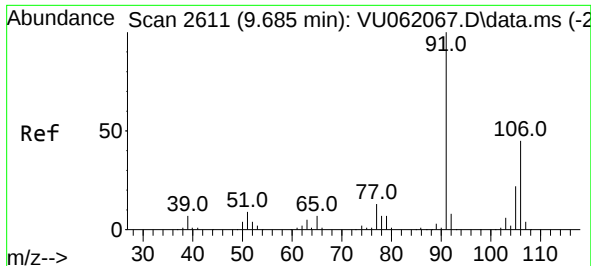
Tgt Ion: 129 Resp: 3296

Ion Ratio Lower Upper

129 100

127 76.4 51.1 94.9

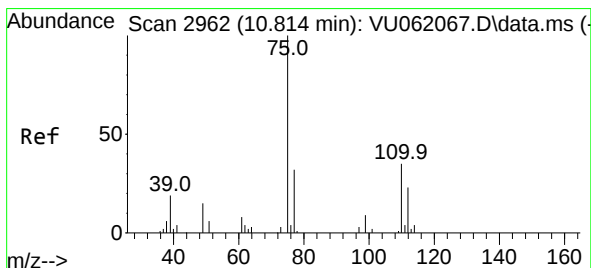
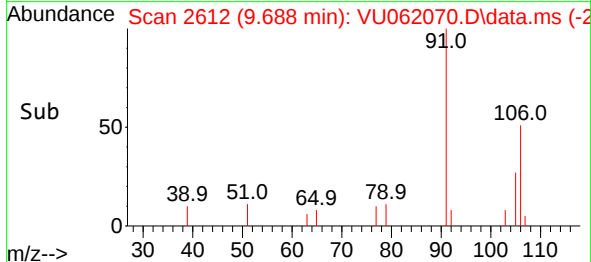
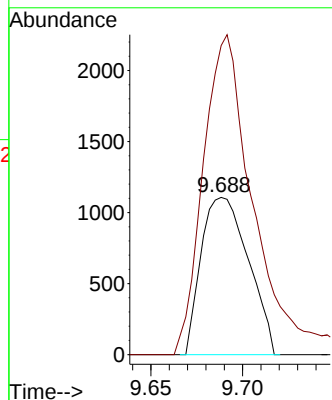
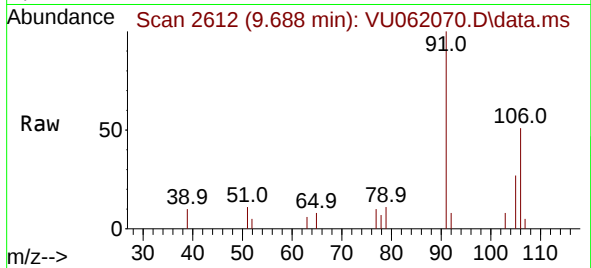




#53
m,p-Xylene
Concen: 0.107 ug/L
RT: 9.688 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062070.D
Acq: 02 Dec 2024 13:02

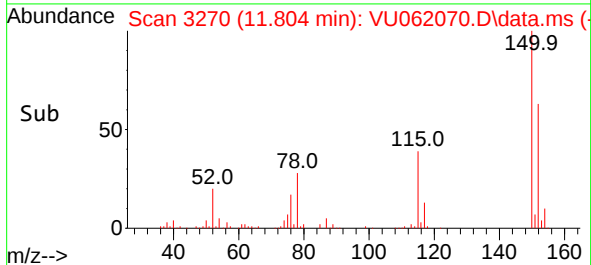
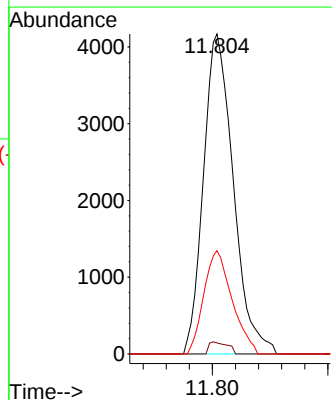
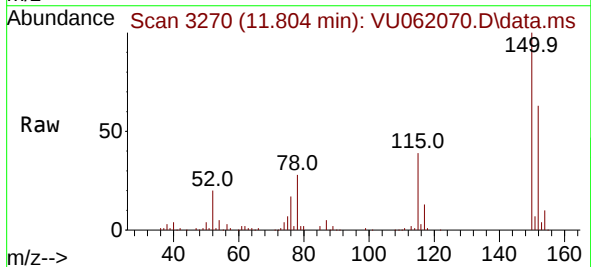
Instrument :
MSVOA_U
ClientSampleId :

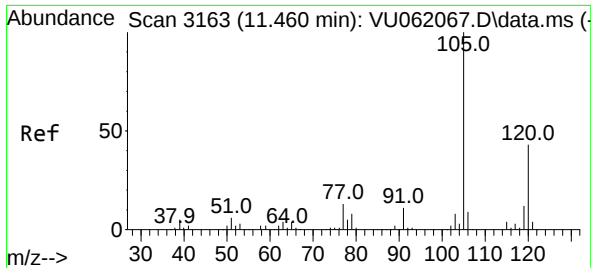
Tgt Ion:106 Resp: 1983
Ion Ratio Lower Upper
106 100
91 196.6 147.6 274.0



#61
1,2,3-Trichloropropane
Concen: 1.017 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062070.D
Acq: 02 Dec 2024 13:02

Tgt Ion: 75 Resp: 7484
Ion Ratio Lower Upper
75 100
110 2.4 28.9 43.3#
77 30.5 26.5 39.7





#63

1,2,4-Trimethylbenzene

Concen: 0.054 ug/L

RT: 11.470 min Scan# 31

Delta R.T. 0.009 min

Lab File: VU062070.D

Acq: 02 Dec 2024 13:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105 Resp: 2149

Ion Ratio Lower Upper

105 100

120 37.7 34.7 52.1

