

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060866.D
 Acq On : 18 Sep 2024 13:37
 Operator : MD/SY
 Sample : P3973-06DL2 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:13:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

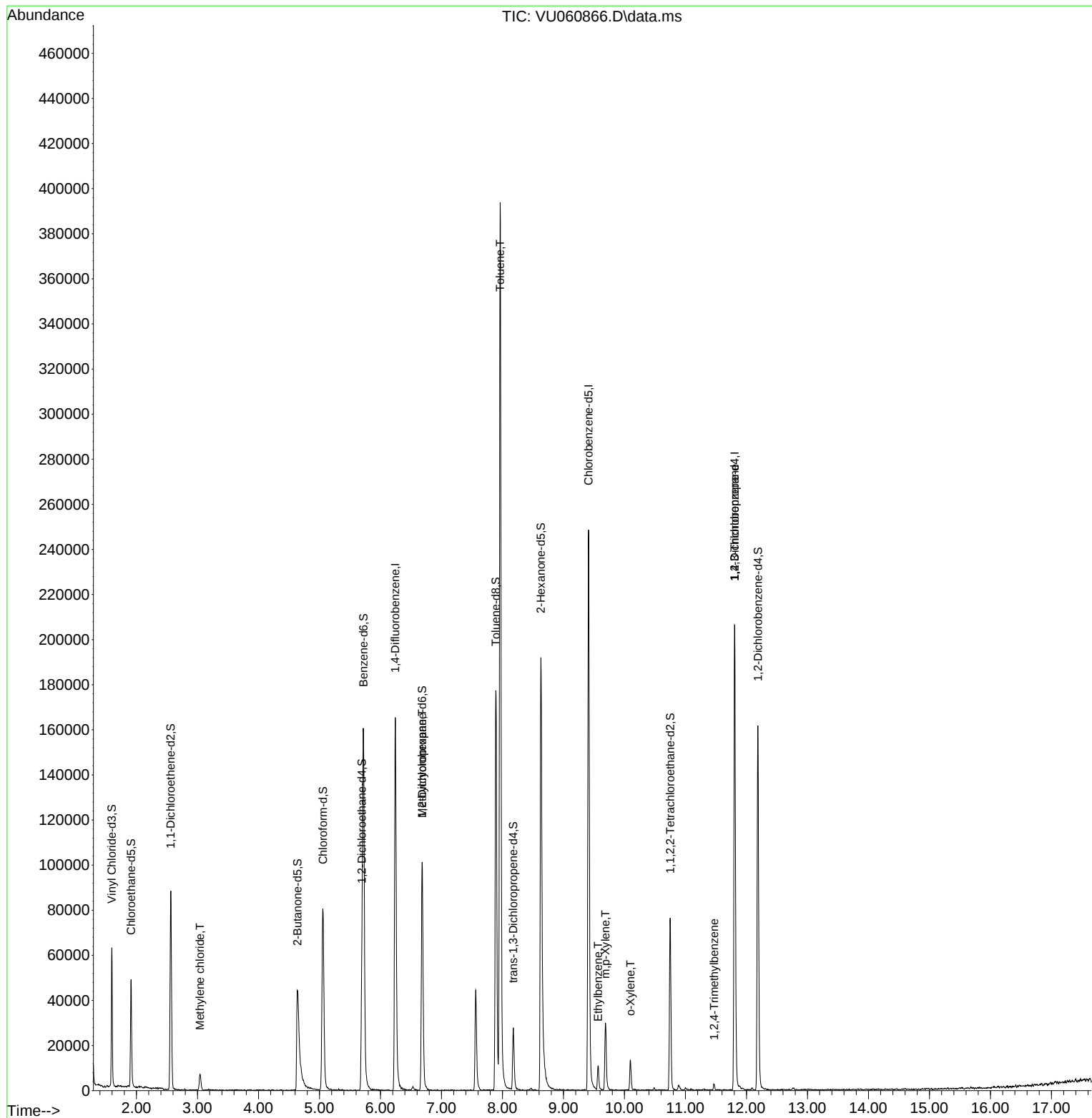
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146378	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43622	3.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.911	69	35522	3.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	17412	3.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.637	46	90106	42.632	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	5.055	84	82254	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	39569	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.721	84	158715	3.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.682	67	52222	4.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.891	98	132681	3.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.177	79	18039	3.848	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.631	63	74381	40.218	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41198	4.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	49633	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	3455	0.324	ug/L	97
35) Methylcyclohexane	6.682	83	11991	0.772	ug/L #	17
42) Toluene	7.962	91	311803	6.905	ug/L	98
52) Ethylbenzene	9.566	91	8412	0.177	ug/L	95
53) m,p-Xylene	9.689	106	9328	0.518	ug/L	91
54) o-Xylene	10.097	106	3780	0.213	ug/L	90
61) 1,2,3-Trichloropropane	11.804	75	6972	1.149	ug/L #	68
63) 1,2,4-Trimethylbenzene	11.470	105	1826	0.062	ug/L	99

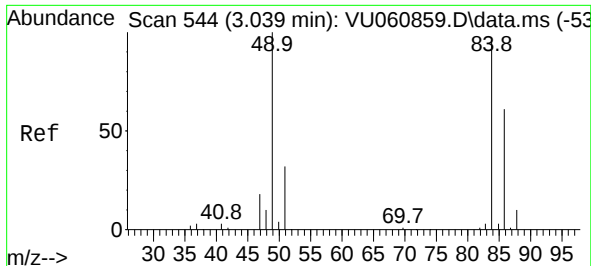
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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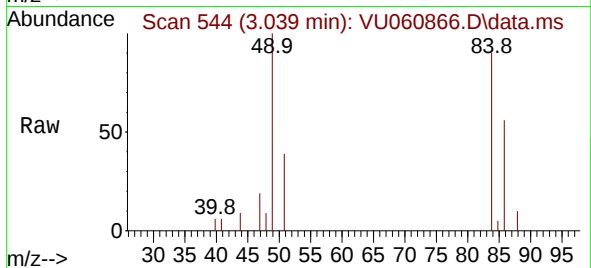
Quant Time: Sep 19 05:13:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
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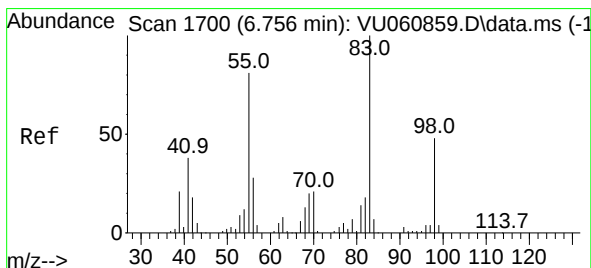
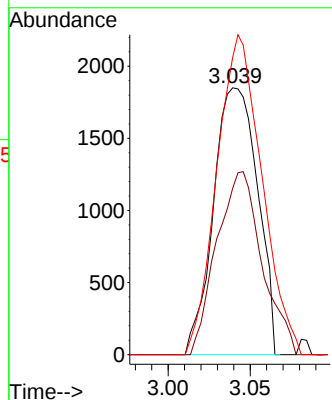
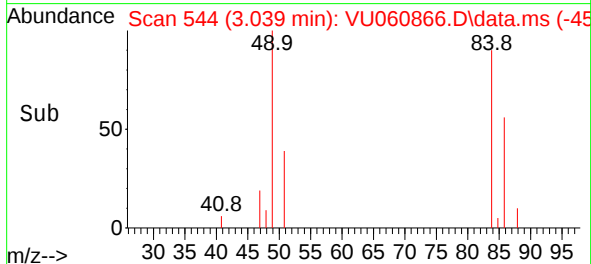


#16
Methylene chloride
Concen: 0.324 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060866.D
Acq: 18 Sep 2024 13:37

Instrument :
MSVOA_U
ClientSampleId :

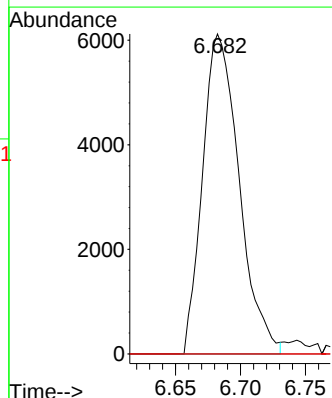
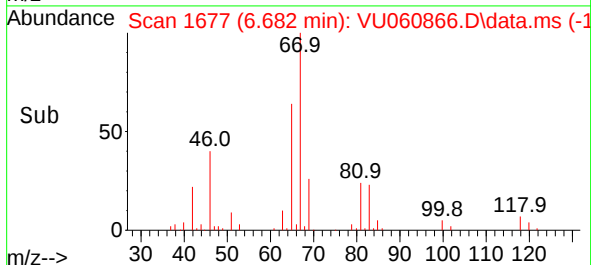
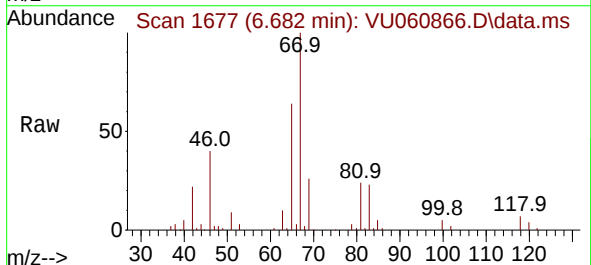


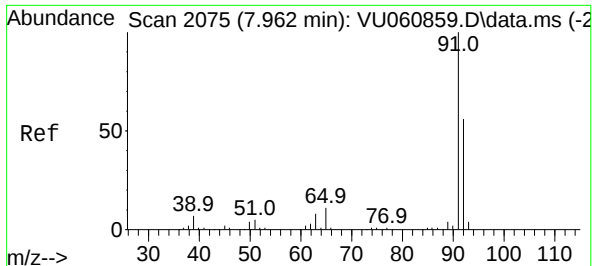
Tgt Ion: 84 Resp: 3455
Ion Ratio Lower Upper
84 100
86 62.3 47.3 87.8
49 111.4 78.7 146.1



#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060866.D
Acq: 18 Sep 2024 13:37

Tgt Ion: 83 Resp: 11991
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#





#42

Toluene

Concen: 6.905 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060866.D

Acq: 18 Sep 2024 13:37

Instrument :

MSVOA_U

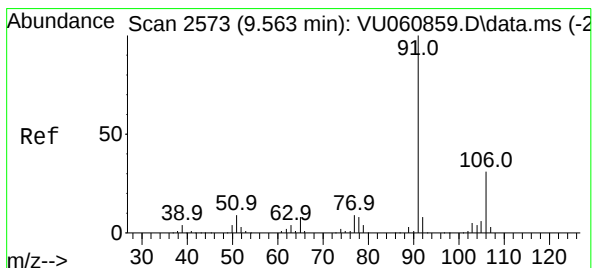
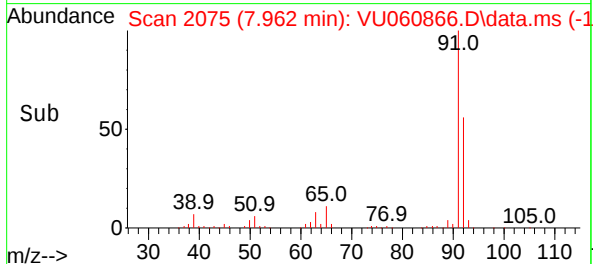
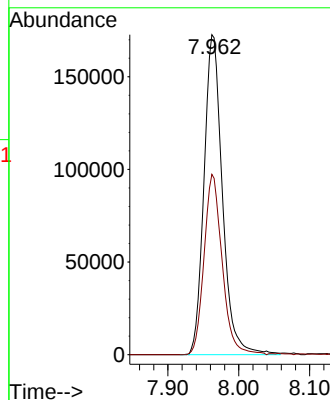
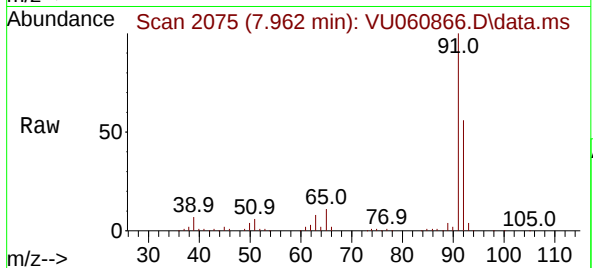
ClientSampleId :

Tgt Ion: 91 Resp: 311803

Ion Ratio Lower Upper

91 100

92 56.3 40.5 75.3



#52

Ethylbenzene

Concen: 0.177 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU060866.D

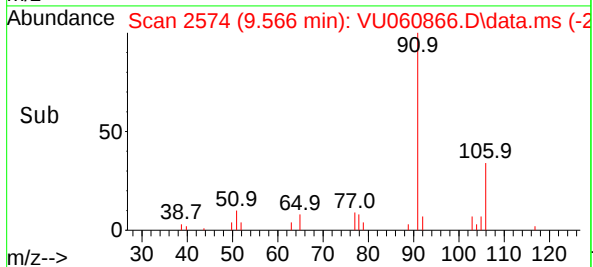
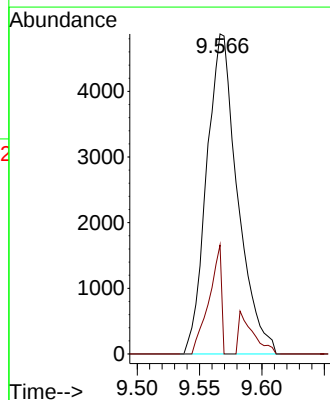
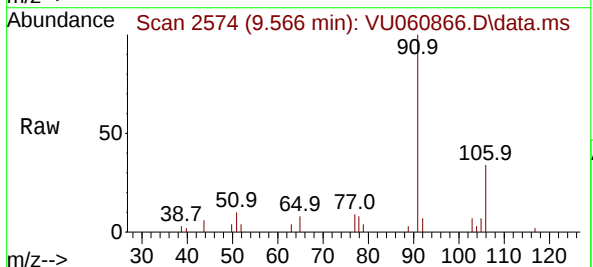
Acq: 18 Sep 2024 13:37

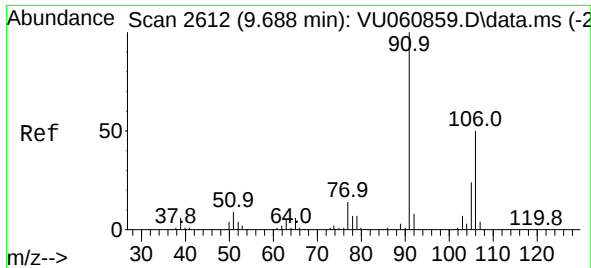
Tgt Ion: 91 Resp: 8412

Ion Ratio Lower Upper

91 100

106 34.0 21.8 40.6





#53

m,p-Xylene

Concen: 0.518 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060866.D

Acq: 18 Sep 2024 13:37

Instrument :

MSVOA_U

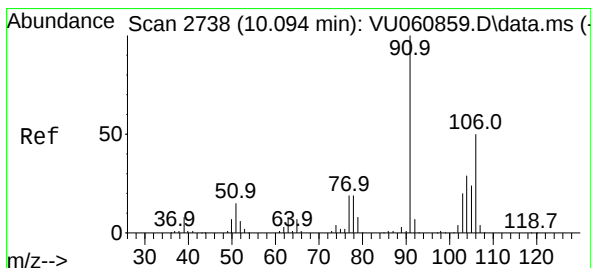
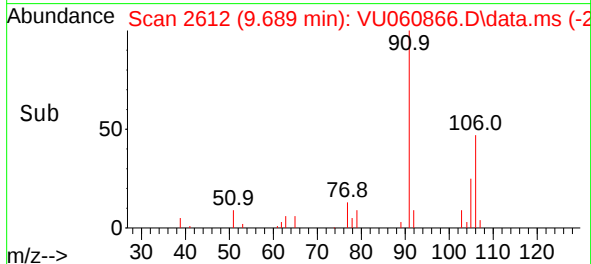
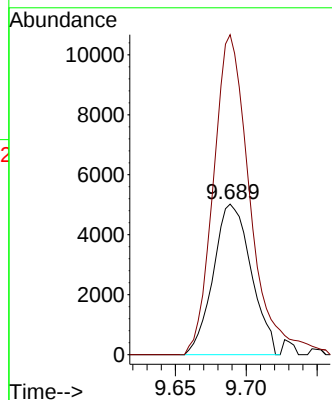
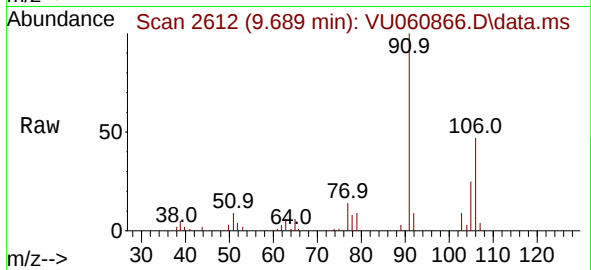
ClientSampleId :

Tgt Ion:106 Resp: 9328

Ion Ratio Lower Upper

106 100

91 212.6 139.7 259.4



#54

o-Xylene

Concen: 0.213 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.003 min

Lab File: VU060866.D

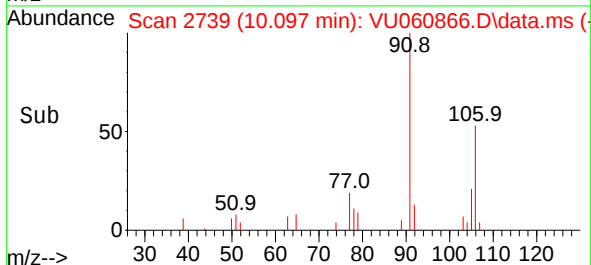
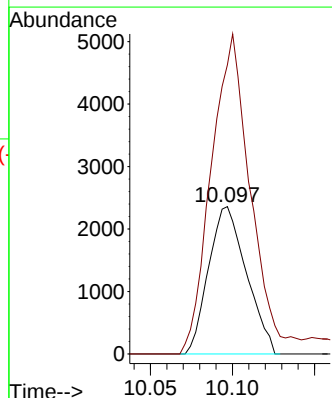
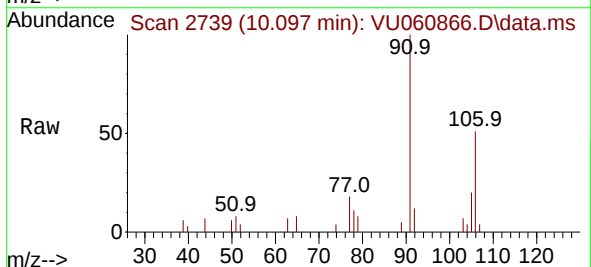
Acq: 18 Sep 2024 13:37

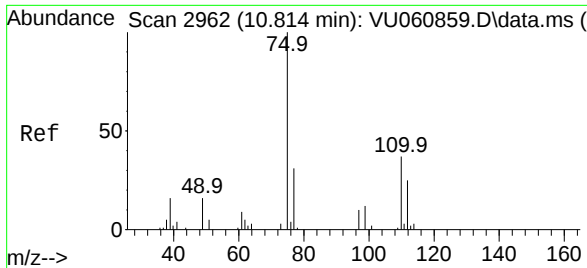
Tgt Ion:106 Resp: 3780

Ion Ratio Lower Upper

106 100

91 196.3 148.6 276.0

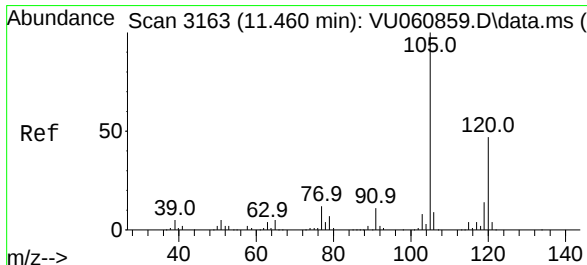
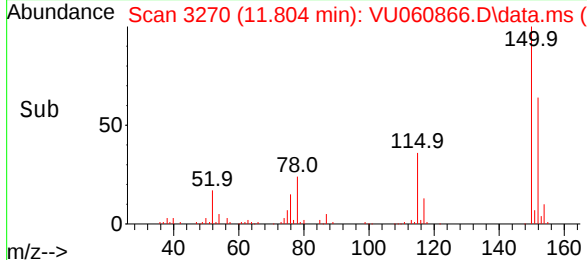
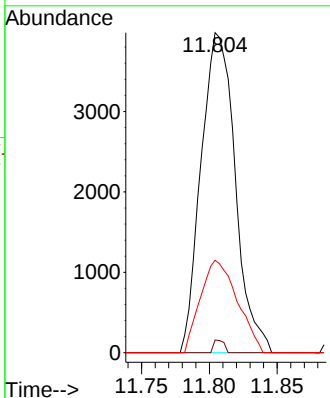
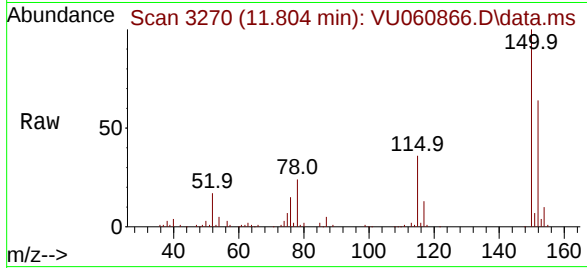




#61
1,2,3-Trichloropropane
Concen: 1.149 ug/L
RT: 11.804 min Scan# 3167
Delta R.T. 0.990 min
Lab File: VU060866.D
Acq: 18 Sep 2024 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6972
Ion Ratio Lower Upper
75 100
110 1.2 28.6 43.0#
77 31.2 26.3 39.5



#63
1,2,4-Trimethylbenzene
Concen: 0.062 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.010 min
Lab File: VU060866.D
Acq: 18 Sep 2024 13:37

Tgt Ion: 105 Resp: 1826
Ion Ratio Lower Upper
105 100
120 46.0 36.1 54.1

