

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060811.D
 Acq On : 17 Sep 2024 04:43
 Operator : MD/SY
 Sample : P3973-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 06:37:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

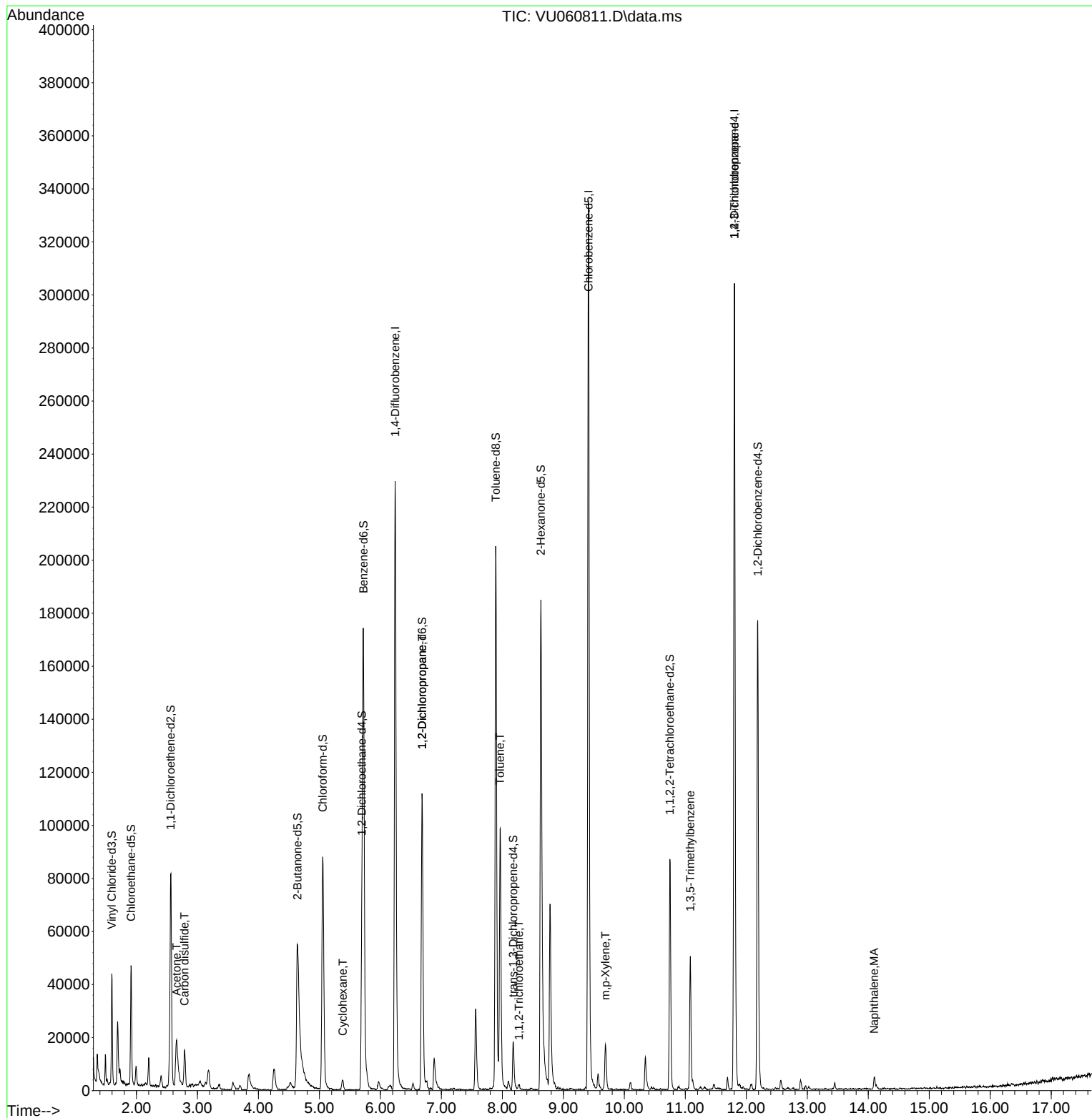
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	203363	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	207942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28074	1.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	30.600%#
7) Chloroethane-d5	1.911	69	33298	2.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.200%#
11) 1,1-Dichloroethene-d2	2.560	65	15729	2.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.600%#
20) 2-Butanone-d5	4.637	46	89433	30.457	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.920%
24) Chloroform-d	5.055	84	88000	3.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.000%#
26) 1,2-Dichloroethane-d4	5.695	65	42473	3.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
32) Benzene-d6	5.721	84	172990	3.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.000%#
36) 1,2-Dichloropropane-d6	6.682	67	60529	3.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.200%
41) Toluene-d8	7.891	98	147093	2.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.800%#
43) trans-1,3-Dichloroprop...	8.177	79	12322	1.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	39.800%#
46) 2-Hexanone-d5	8.631	63	67449	27.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46196	3.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	52240	3.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.800%#
Target Compounds						Qvalue
13) Acetone	2.657	43	37636	19.212	ug/L	93
14) Carbon disulfide	2.788	76	18786	0.529	ug/L	100
30) Cyclohexane	5.383	56	1957	0.106	ug/L #	45
37) 1,2-Dichloropropane	6.682	63	5585	0.354	ug/L #	93
42) Toluene	7.962	91	79698	1.333	ug/L	98
45) 1,1,2-Trichloroethane	8.271	97	1043	0.092	ug/L #	15
53) m,p-Xylene	9.689	106	5903	0.247	ug/L	93
61) 1,2,3-Trichloropropane	11.804	75	8829	1.079	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.081	105	27323	0.676	ug/L	94
71) Naphthalene	14.093	128	4841	0.266	ug/L	98

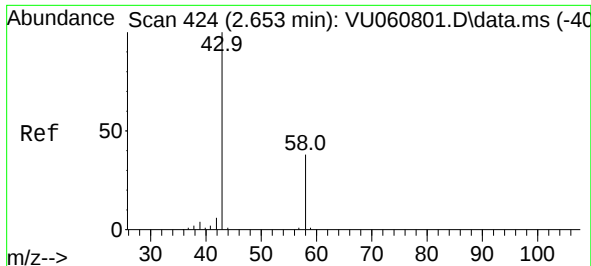
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 19.212 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060811.D

Acq: 17 Sep 2024 04:43

Instrument :

MSVOA_U

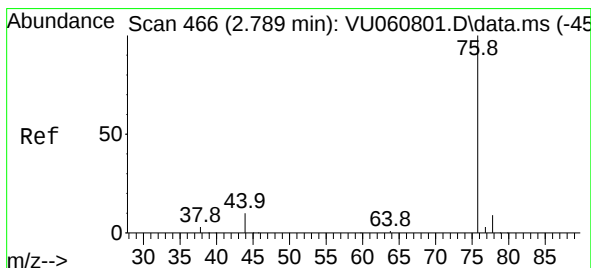
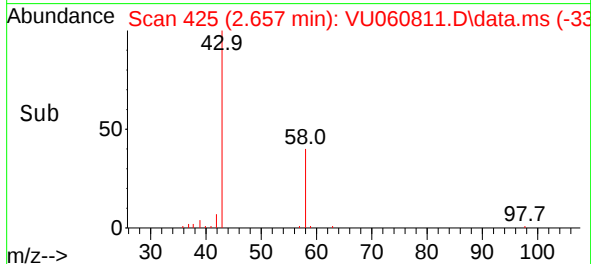
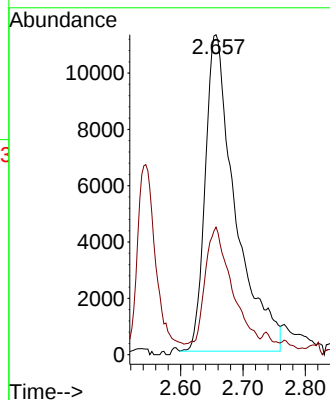
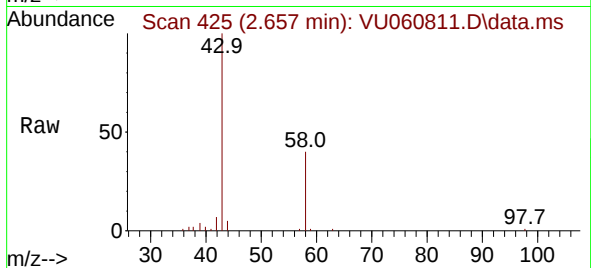
ClientSampleId :

Tgt Ion: 43 Resp: 37636

Ion Ratio Lower Upper

43 100

58 38.9 0.0 69.6



#14

Carbon disulfide

Concen: 0.529 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060811.D

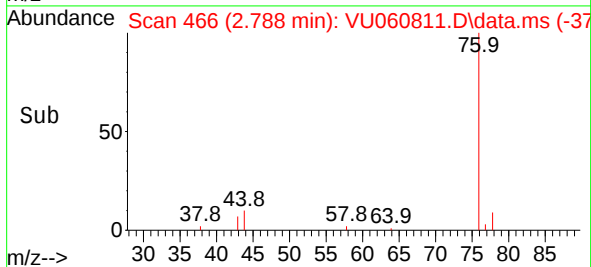
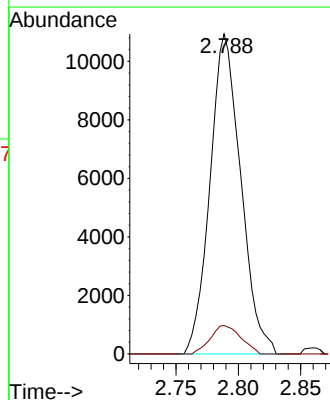
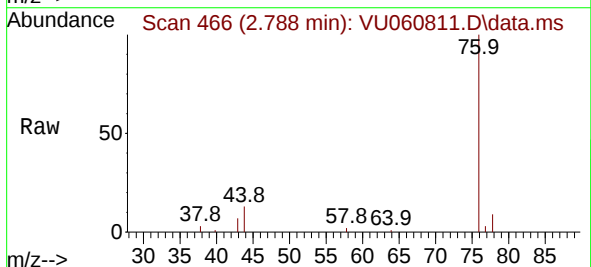
Acq: 17 Sep 2024 04:43

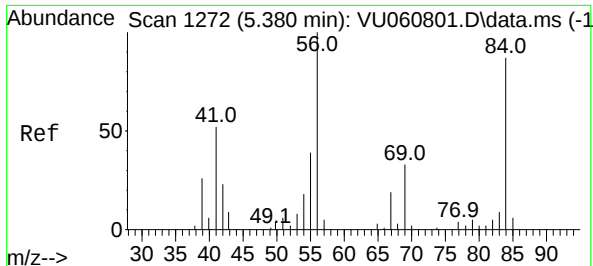
Tgt Ion: 76 Resp: 18786

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#30

Cyclohexane

Concen: 0.106 ug/L

RT: 5.383 min Scan# 1677

Delta R.T. 0.003 min

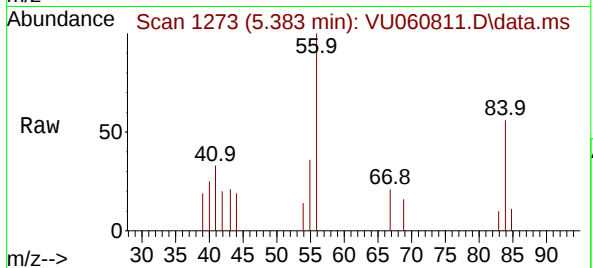
Lab File: VU060811.D

Acq: 17 Sep 2024 04:43

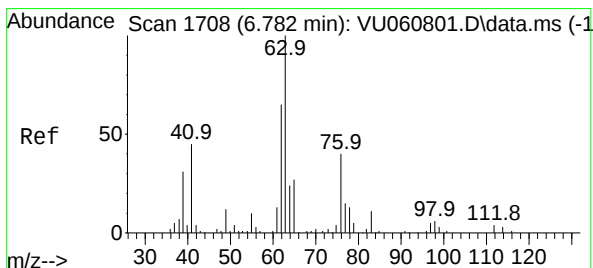
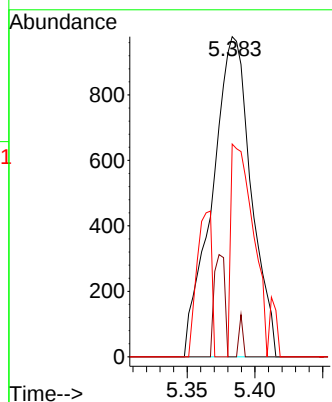
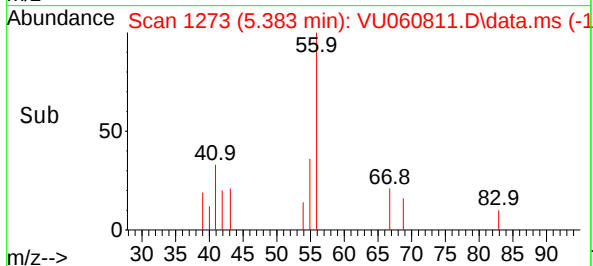
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	56	Resp:	1957
Ion Ratio	Lower	Upper	
56	100		
69	1.3	25.4	38.0#
84	37.8	71.0	106.6#



#37

1,2-Dichloropropane

Concen: 0.354 ug/L

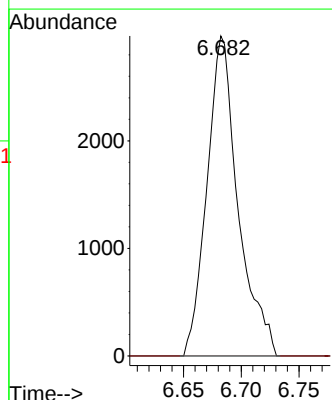
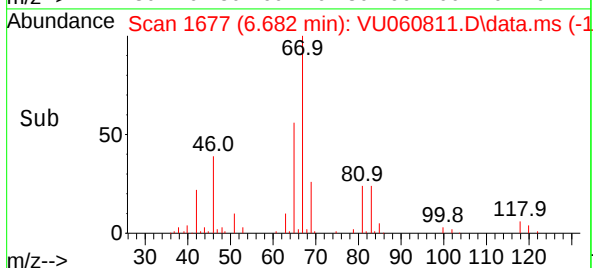
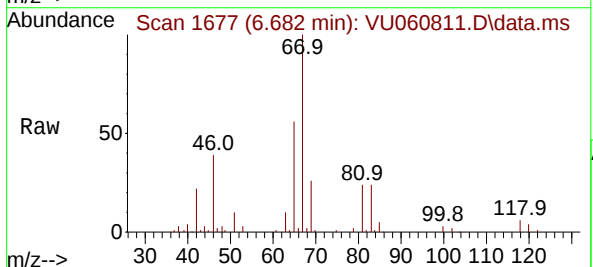
RT: 6.682 min Scan# 1677

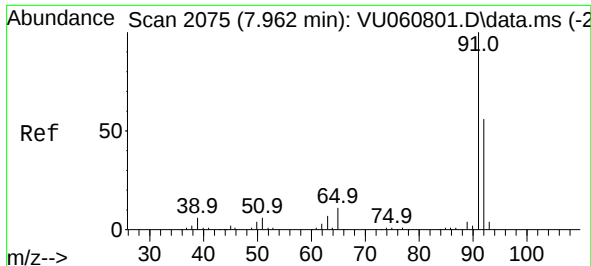
Delta R.T. -0.100 min

Lab File: VU060811.D

Acq: 17 Sep 2024 04:43

Tgt Ion:	63	Resp:	5585
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.0	3.0#





#42

Toluene

Concen: 1.333 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060811.D

Acq: 17 Sep 2024 04:43

Instrument :

MSVOA_U

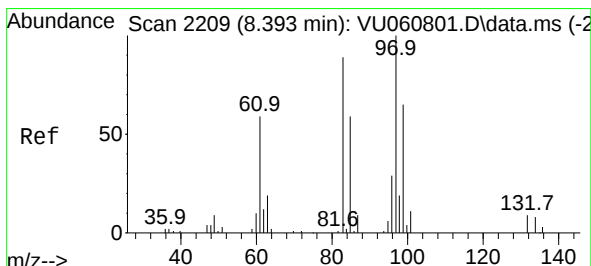
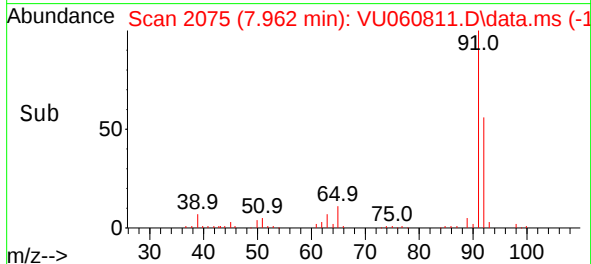
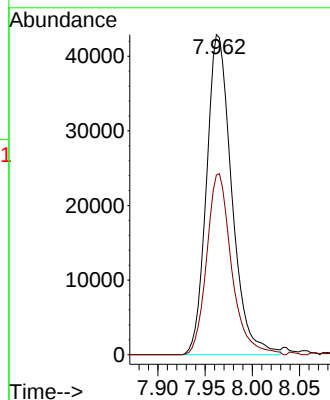
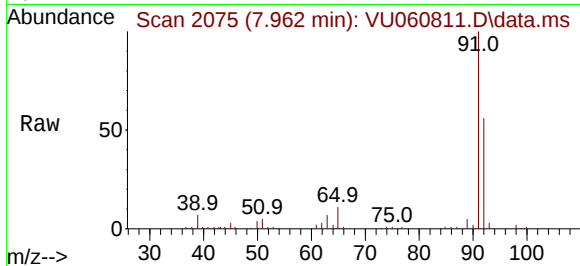
ClientSampleId :

Tgt Ion: 91 Resp: 79698

Ion Ratio Lower Upper

91 100

92 56.1 40.5 75.3



#45

1,1,2-Trichloroethane

Concen: 0.092 ug/L

RT: 8.271 min Scan# 2171

Delta R.T. -0.122 min

Lab File: VU060811.D

Acq: 17 Sep 2024 04:43

Tgt Ion: 97 Resp: 1043

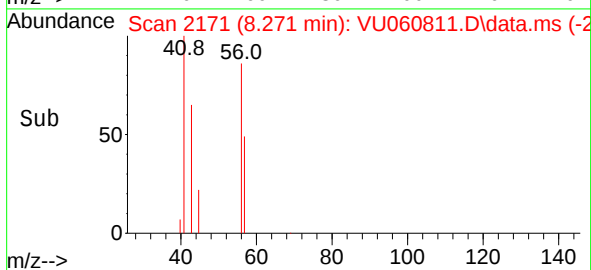
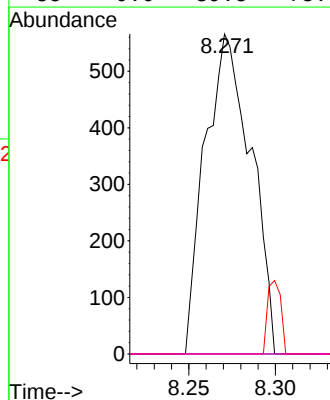
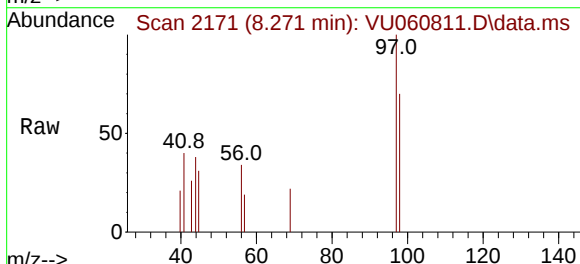
Ion Ratio Lower Upper

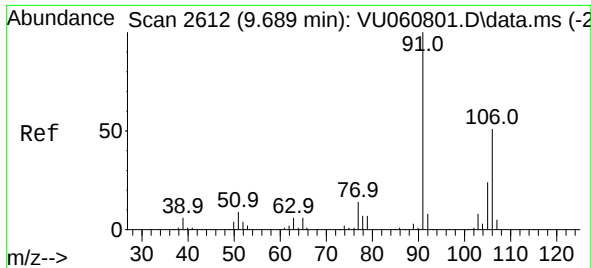
97 100

99 0.0 42.3 78.5#

83 0.0 61.7 114.5#

85 0.0 39.5 73.3#

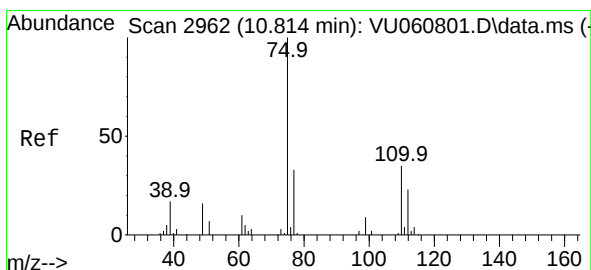
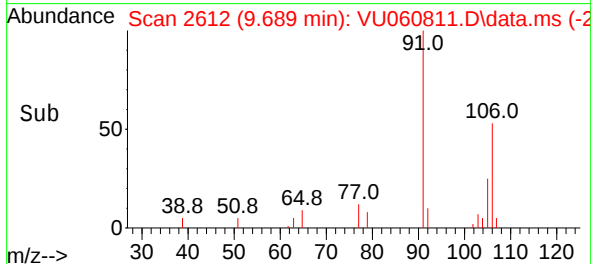
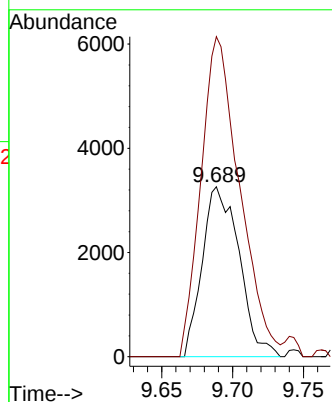
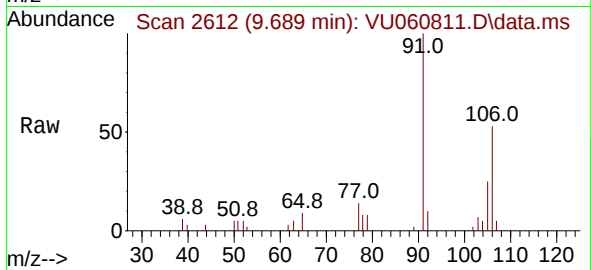




#53
m,p-Xylene
Concen: 0.247 ug/L
RT: 9.689 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU060811.D
Acq: 17 Sep 2024 04:43

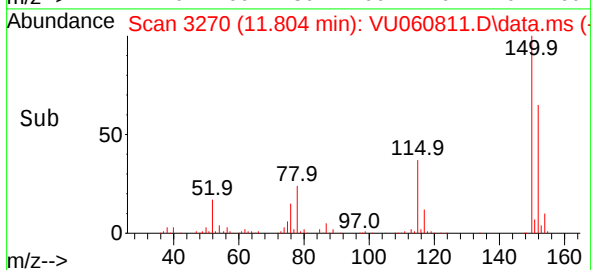
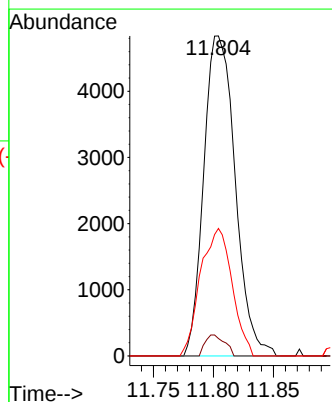
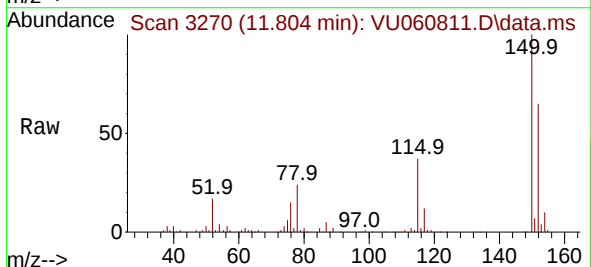
Instrument :
MSVOA_U
ClientSampleId :

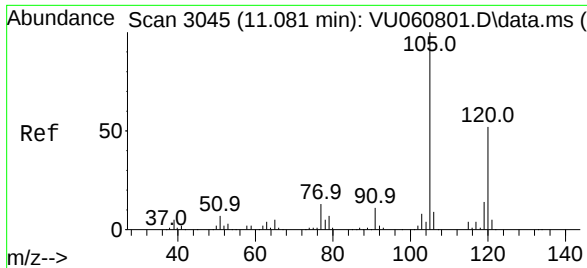
Tgt Ion:106 Resp: 5903
Ion Ratio Lower Upper
106 100
91 188.3 139.7 259.4



#61
1,2,3-Trichloropropane
Concen: 1.079 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU060811.D
Acq: 17 Sep 2024 04:43

Tgt Ion: 75 Resp: 8829
Ion Ratio Lower Upper
75 100
110 4.1 28.6 43.0#
77 39.9 26.3 39.5#

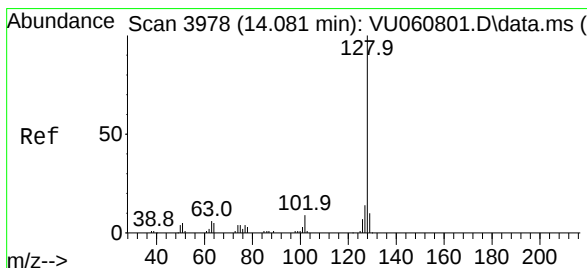
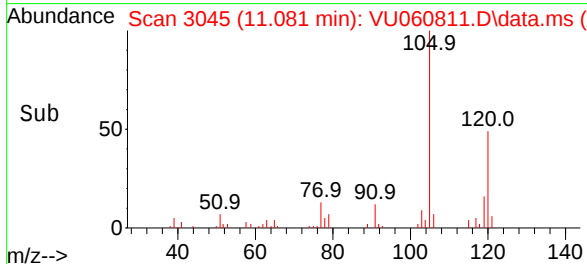
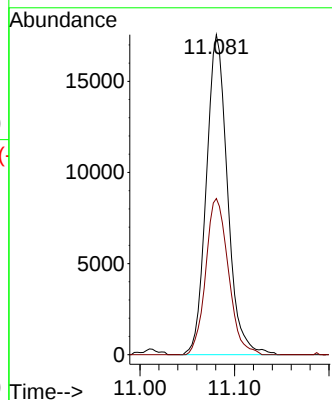
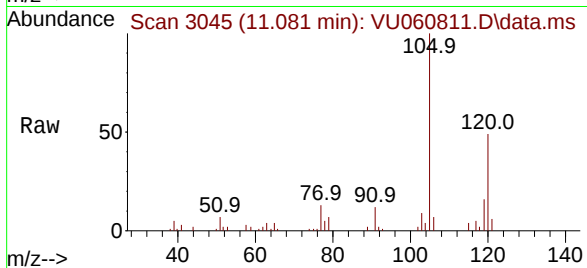




#62
1,3,5-Trimethylbenzene
Concen: 0.676 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060811.D
Acq: 17 Sep 2024 04:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 27323
Ion Ratio Lower Upper
105 100
120 52.2 38.5 57.7



#71
Naphthalene
Concen: 0.266 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU060811.D
Acq: 17 Sep 2024 04:43

Tgt Ion:128 Resp: 4841
Ion Ratio Lower Upper
128 100
129 12.4 8.3 12.5
127 13.4 10.7 16.1

