

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060809.D
 Acq On : 17 Sep 2024 03:55
 Operator : MD/SY
 Sample : P3973-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 06:36:51 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)

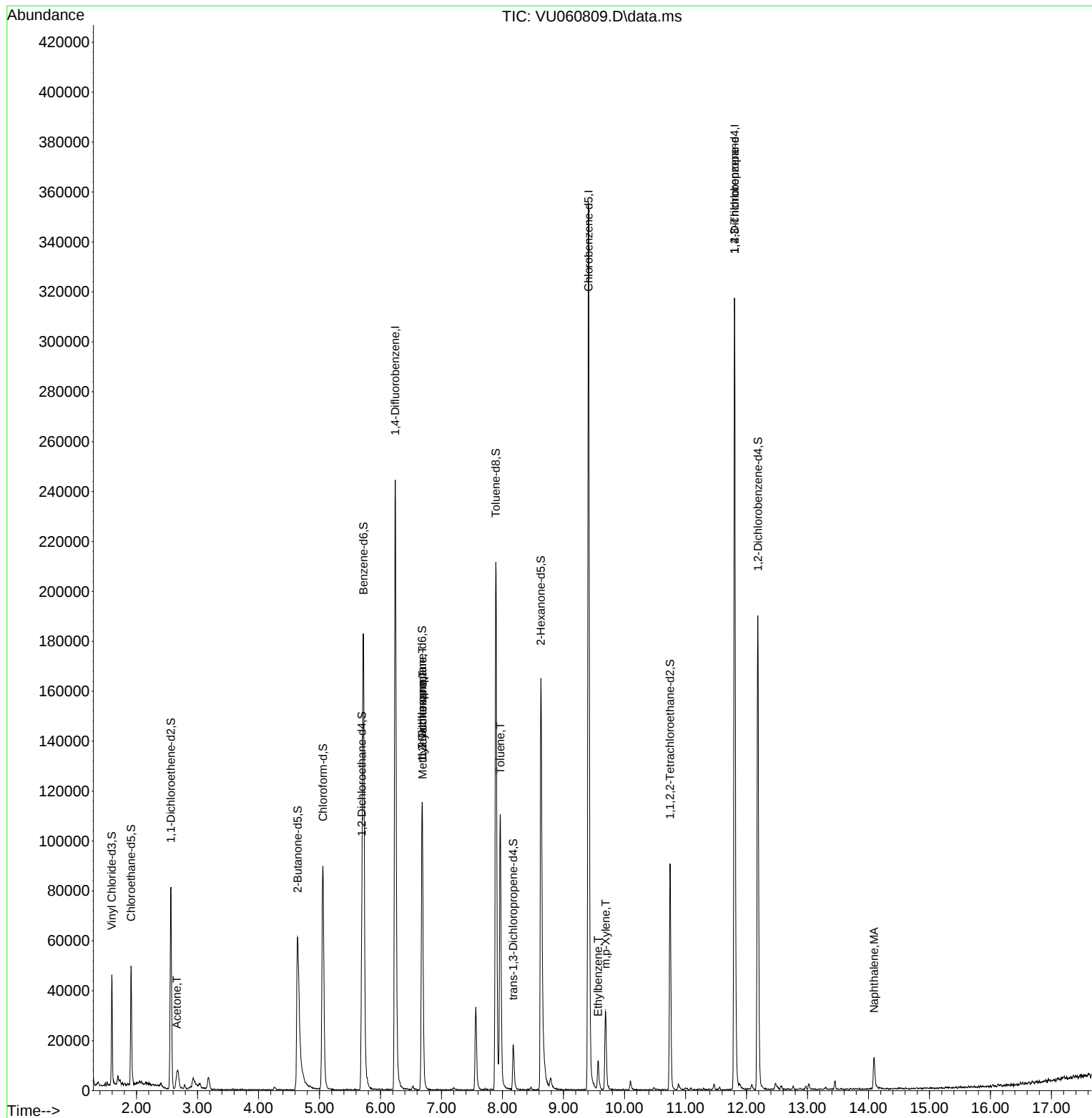
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	212464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	221951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	94745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30592	1.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	32.000%#
7) Chloroethane-d5	1.911	69	35923	2.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	52.800%#
11) 1,1-Dichloroethene-d2	2.563	65	14877	2.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.000%#
20) 2-Butanone-d5	4.640	46	102050	33.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.520%
24) Chloroform-d	5.055	84	90948	3.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.200%#
26) 1,2-Dichloroethane-d4	5.695	65	46322	3.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
32) Benzene-d6	5.721	84	182153	3.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.200%#
36) 1,2-Dichloropropane-d6	6.682	67	61436	3.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.800%
41) Toluene-d8	7.891	98	154857	2.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.200%#
43) trans-1,3-Dichloroprop...	8.174	79	12991	1.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	39.200%#
46) 2-Hexanone-d5	8.627	63	60151	23.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	46.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48616	3.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	57051	3.584	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.600%#
Target Compounds						Qvalue
13) Acetone	2.660	43	12613	6.163	ug/L	97
35) Methylcyclohexane	6.689	83	14179	0.646	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6176	0.367	ug/L #	93
42) Toluene	7.965	91	88083	1.380	ug/L	98
52) Ethylbenzene	9.569	91	9112	0.136	ug/L	96
53) m,p-Xylene	9.692	106	10461	0.411	ug/L	76
61) 1,2,3-Trichloropropane	11.804	75	10725	1.214	ug/L #	64
71) Naphthalene	14.090	128	14845	0.757	ug/L	95

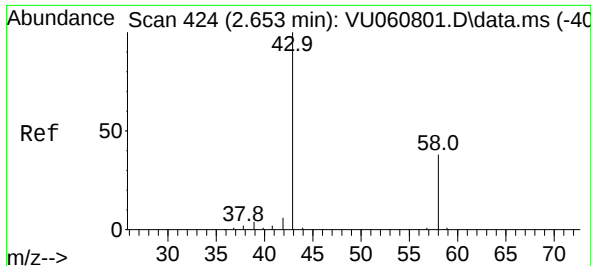
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.163 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060809.D

Acq: 17 Sep 2024 03:55

Instrument :

MSVOA_U

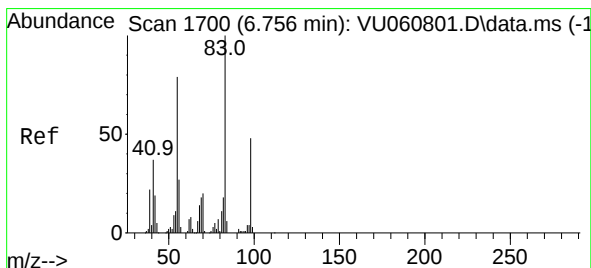
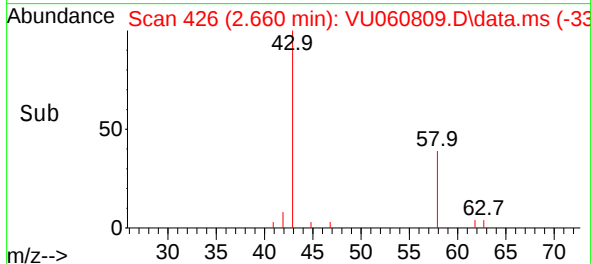
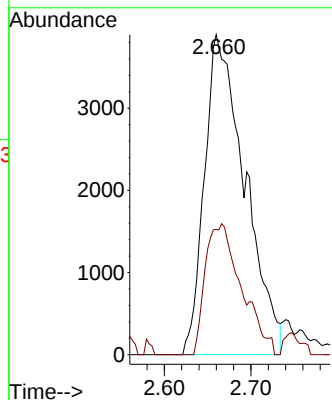
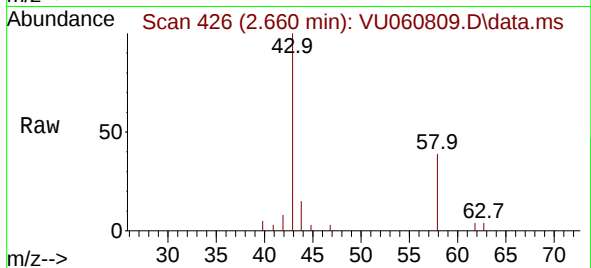
ClientSampleId :

Tgt Ion: 43 Resp: 12613

Ion Ratio Lower Upper

43 100

58 36.6 0.0 69.6



#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.068 min

Lab File: VU060809.D

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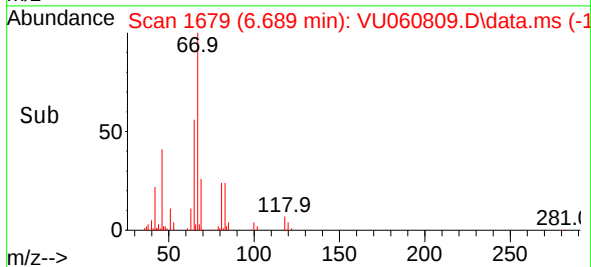
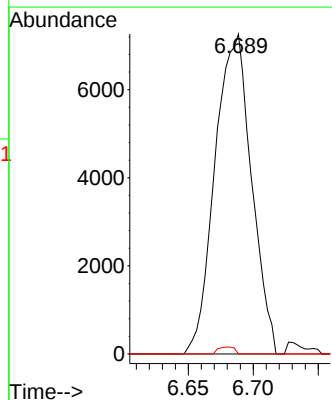
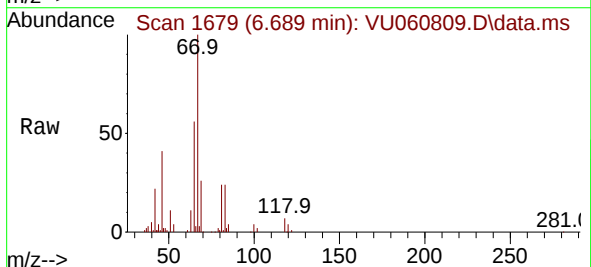
Tgt Ion: 83 Resp: 14179

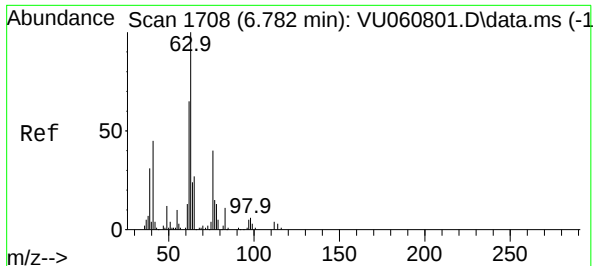
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.0 37.6 56.4#

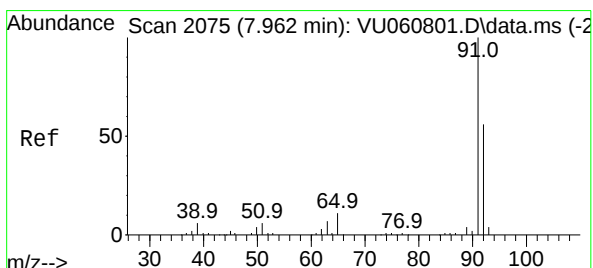
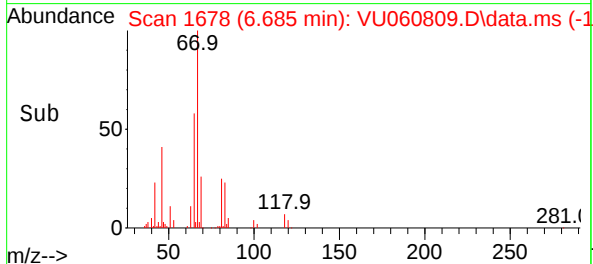
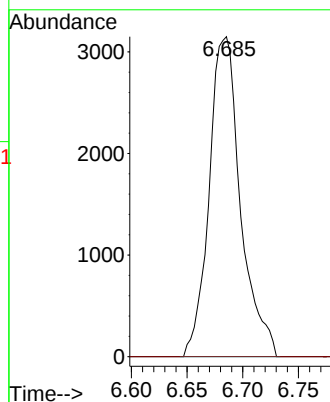
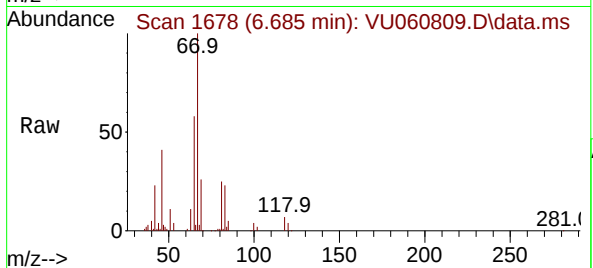




#37
1,2-Dichloropropane
Concen: 0.367 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.097 min
Lab File: VU060809.D
Acq: 17 Sep 2024 03:55

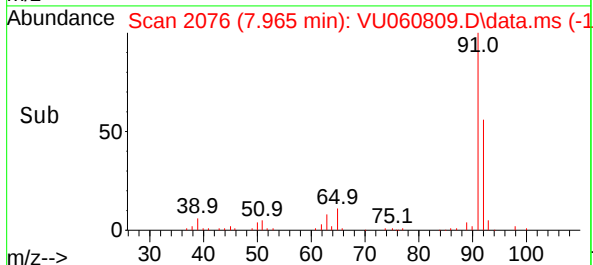
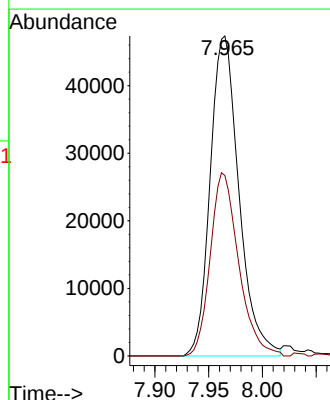
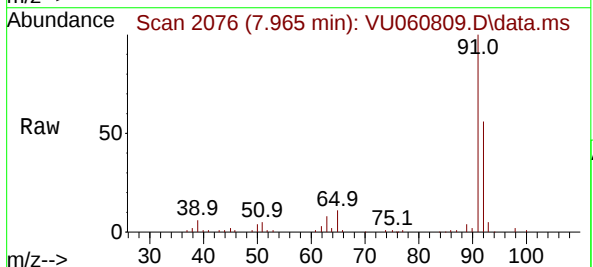
Instrument :
MSVOA_U
ClientSampleId :

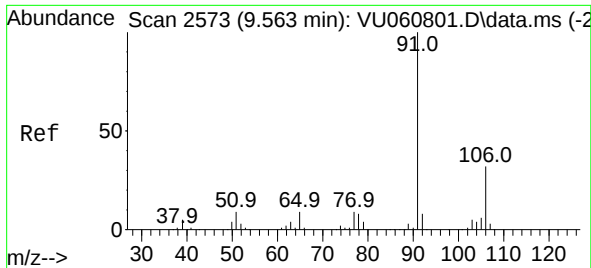
Tgt Ion: 63 Resp: 6176
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 1.380 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060809.D
Acq: 17 Sep 2024 03:55

Tgt Ion: 91 Resp: 88083
Ion Ratio Lower Upper
91 100
92 56.4 40.5 75.3

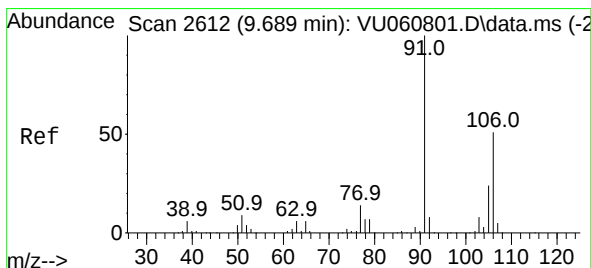
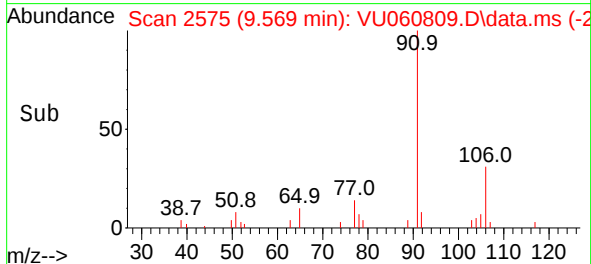
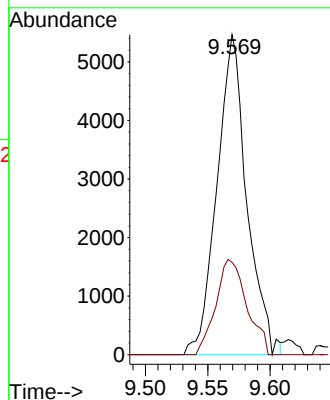
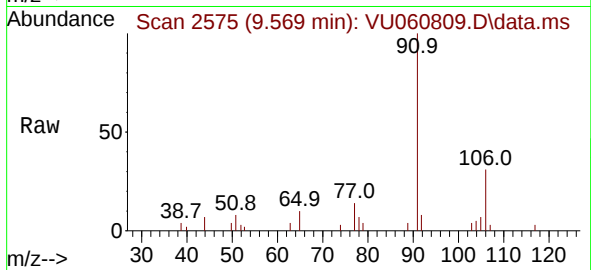




#52
Ethylbenzene
Concen: 0.136 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.006 min
Lab File: VU060809.D
Acq: 17 Sep 2024 03:55

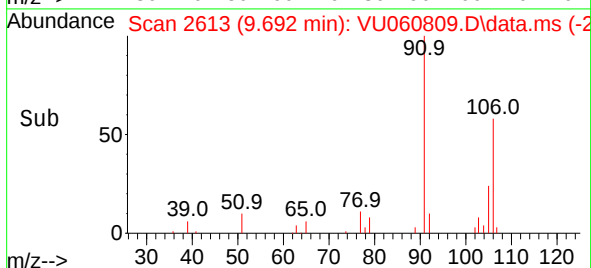
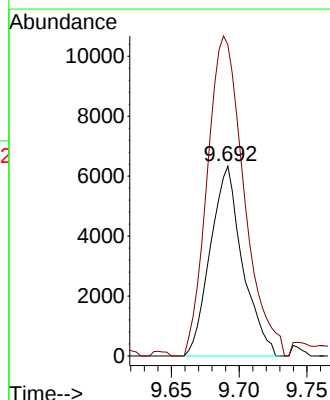
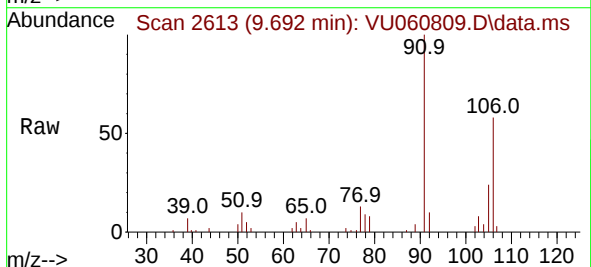
Instrument :
MSVOA_U
ClientSampleId :

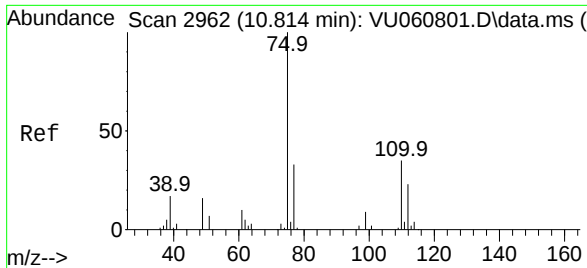
Tgt Ion: 91 Resp: 9112
Ion Ratio Lower Upper
91 100
106 28.8 21.8 40.6



#53
m,p-Xylene
Concen: 0.411 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060809.D
Acq: 17 Sep 2024 03:55

Tgt Ion: 106 Resp: 10461
Ion Ratio Lower Upper
106 100
91 163.9 139.7 259.4

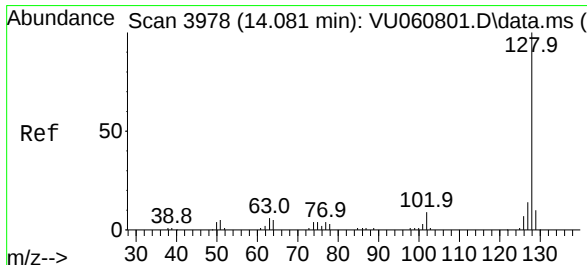
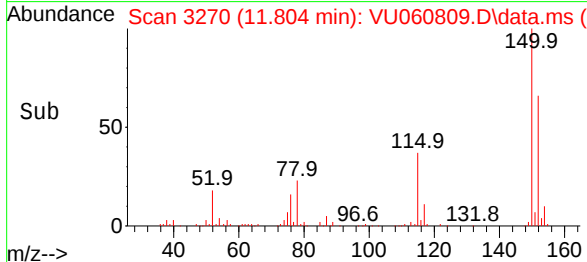
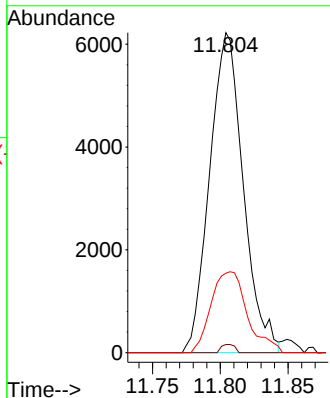
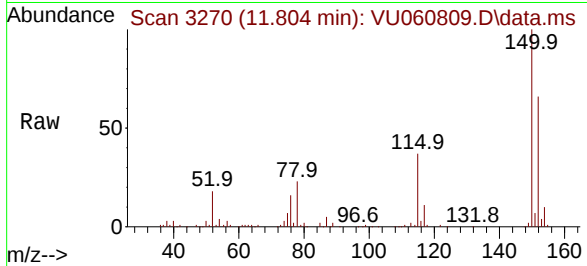




#61
1,2,3-Trichloropropane
Concen: 1.214 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060809.D
Acq: 17 Sep 2024 03:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10725
Ion Ratio Lower Upper
75 100
110 1.0 28.6 43.0#
77 27.3 26.3 39.5



#71
Naphthalene
Concen: 0.757 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.009 min
Lab File: VU060809.D
Acq: 17 Sep 2024 03:55

Tgt Ion: 128 Resp: 14845
Ion Ratio Lower Upper
128 100
129 8.8 8.3 12.5
127 11.4 10.7 16.1

