

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
 Data File : VU060610.D
 Acq On : 04 Sep 2024 19:30
 Operator : MD/SY
 Sample : P3809-13 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 03:59:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 05 03:55:13 2024
 Response via : Initial Calibration

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

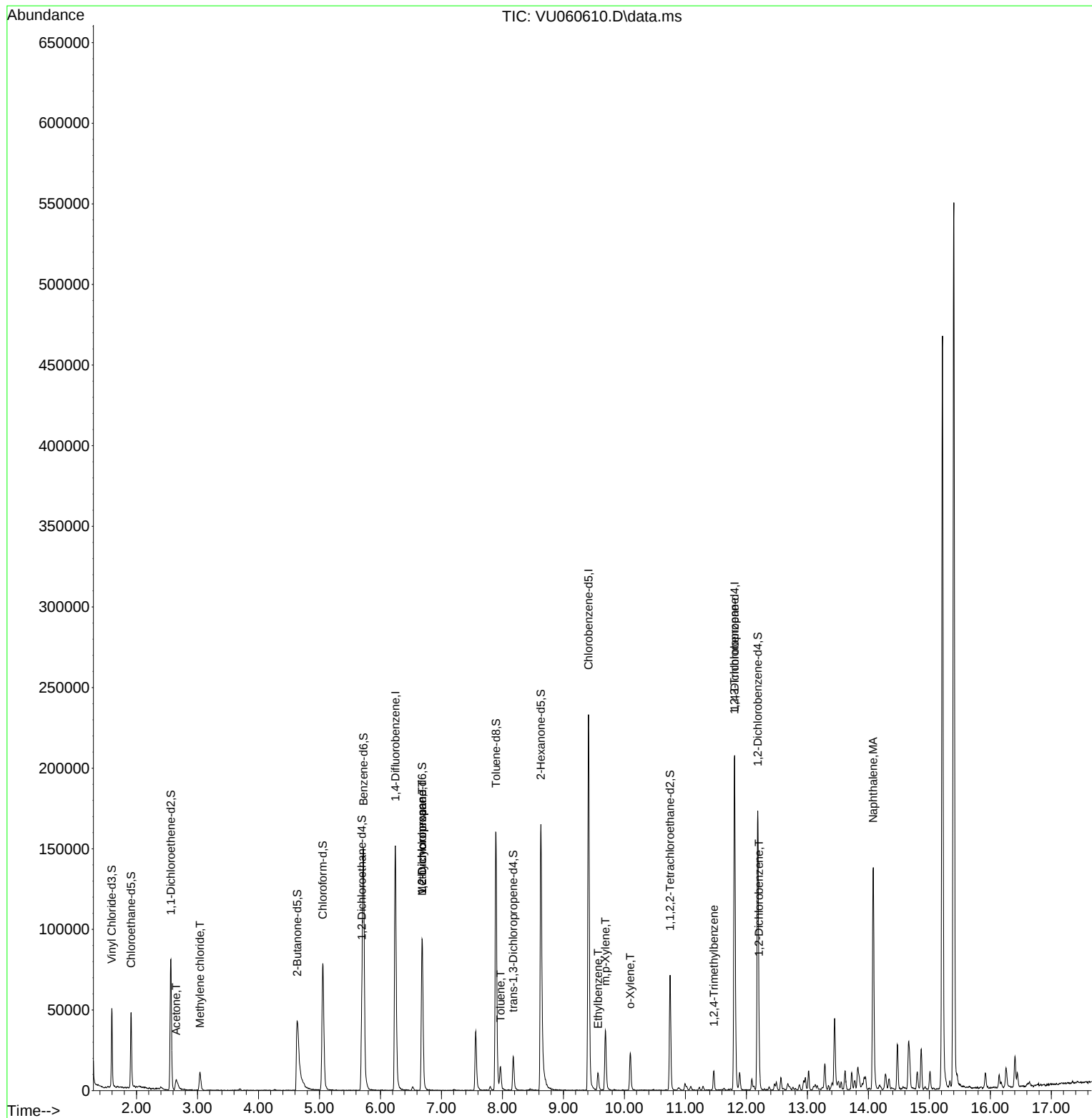
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	128518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59283	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34126	6.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.200%
7) Chloroethane-d5	1.910	69	34699	4.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.563	65	16259	4.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.634	46	86634	44.383	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.760%
24) Chloroform-d	5.055	84	77495	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	40347	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	146278	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	49306	5.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.894	98	115401	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.177	79	13079	3.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.630	63	59680	36.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37082	4.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	45151	5.165	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
13) Acetone	2.650	43	12879	7.885	ug/L	99
16) Methylene chloride	3.039	84	5852	0.572	ug/L	93
35) Methylcyclohexane	6.685	83	10736	0.667	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	5045	0.455	ug/L #	91
42) Toluene	7.968	91	11014	0.241	ug/L	99
52) Ethylbenzene	9.566	91	8368	0.173	ug/L	95
53) m,p-Xylene	9.688	106	11353	0.630	ug/L	98
54) o-Xylene	10.097	106	6196	0.336	ug/L	90
61) 1,2,3-Trichloropropane	11.804	75	6977	1.220	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.466	105	6875	0.228	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	7203	0.396	ug/L	95
71) Naphthalene	14.080	128	117588	7.633	ug/L	99

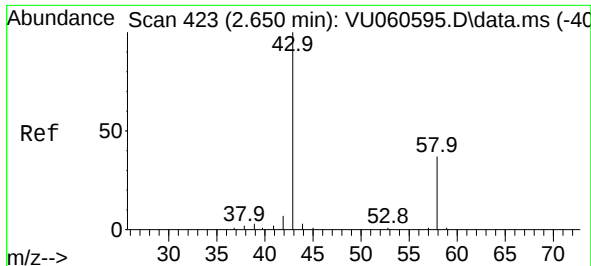
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.885 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

Instrument :

MSVOA_V

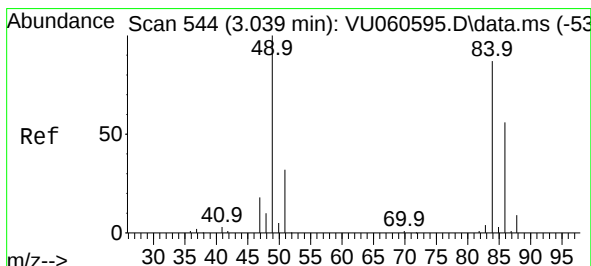
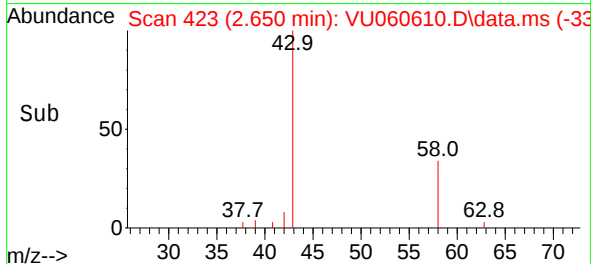
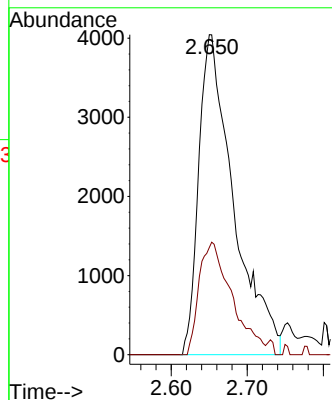
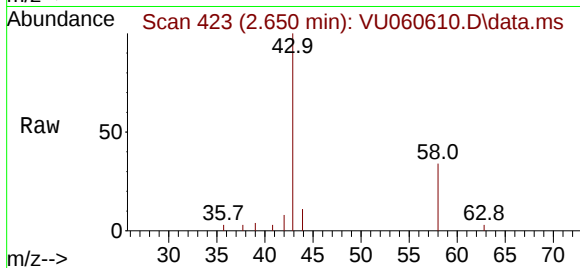
ClientSampleId :

Tgt Ion: 43 Resp: 12879

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.8



#16

Methylene chloride

Concen: 0.572 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

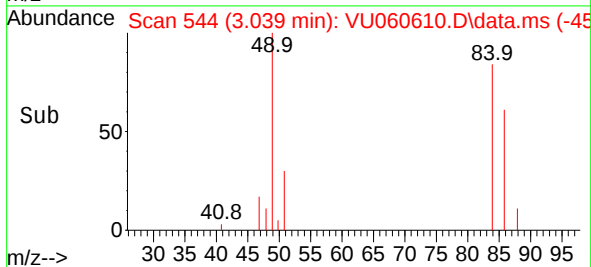
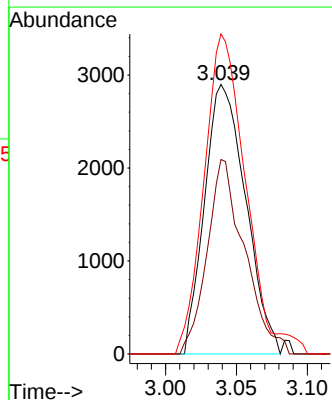
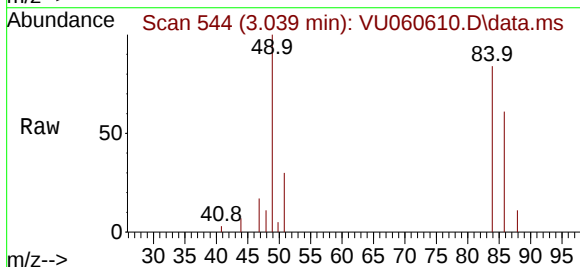
Tgt Ion: 84 Resp: 5852

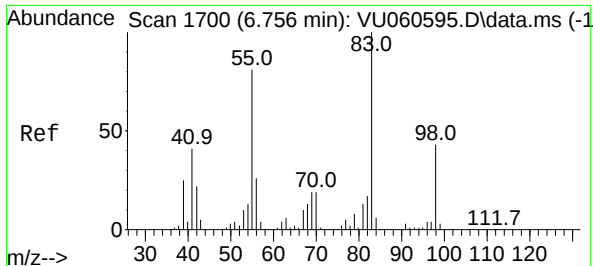
Ion Ratio Lower Upper

84 100

86 72.2 47.5 88.3

49 125.2 94.4 175.2





#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

Instrument :

MSVOA_V

ClientSampleId :

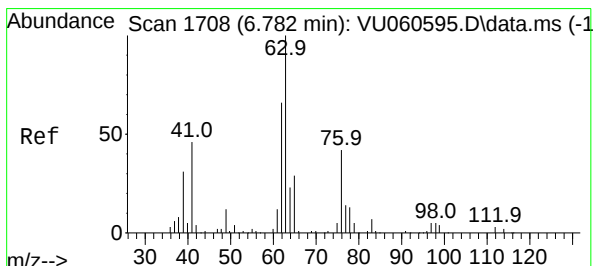
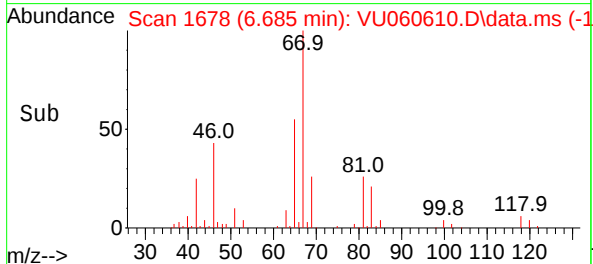
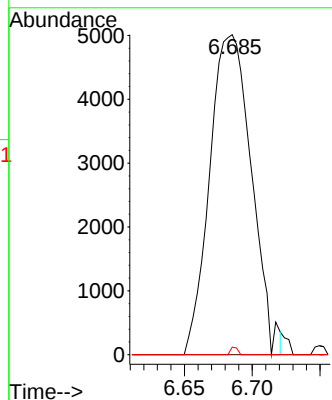
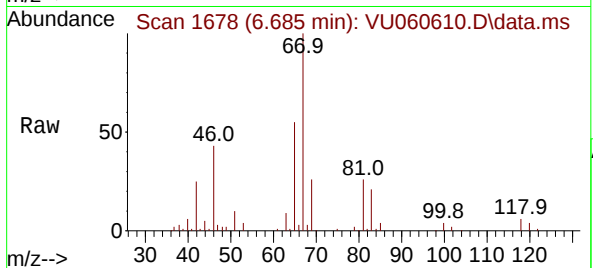
Tgt Ion: 83 Resp: 10736

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 0.4 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.455 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU060610.D

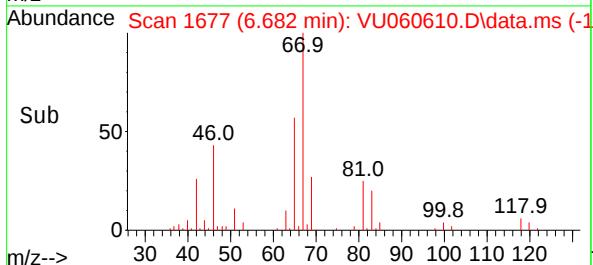
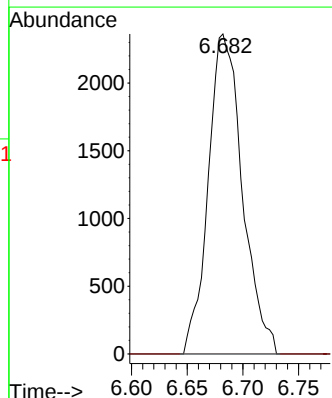
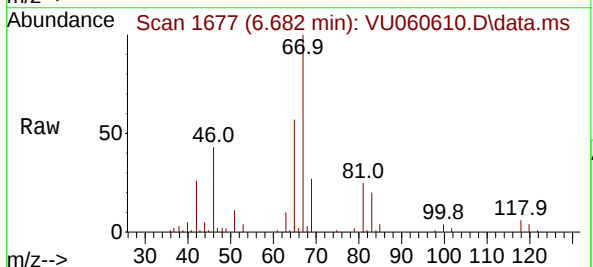
Acq: 04 Sep 2024 19:30

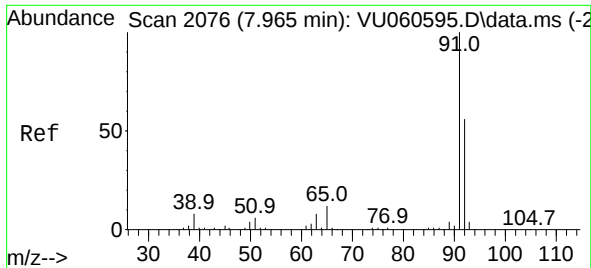
Tgt Ion: 63 Resp: 5045

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#





#42

Toluene

Concen: 0.241 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

Instrument :

MSVOA_V

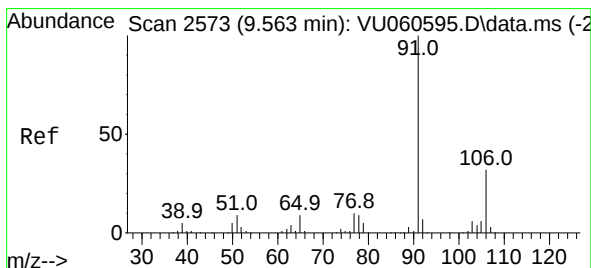
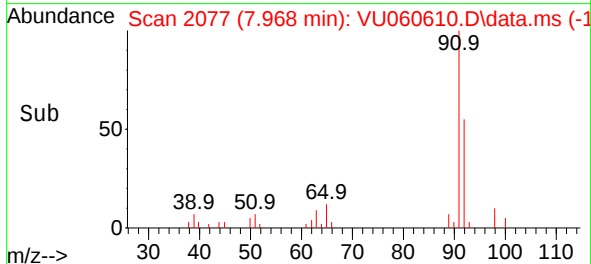
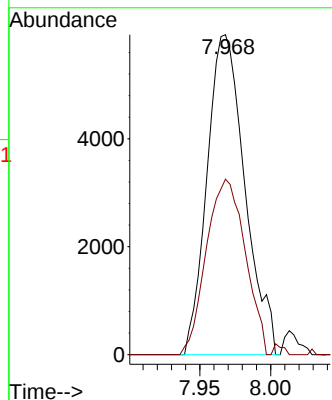
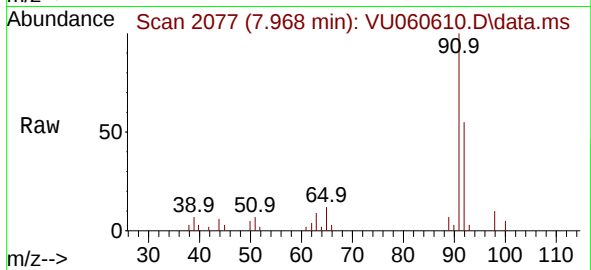
ClientSampleId :

Tgt Ion: 91 Resp: 11014

Ion Ratio Lower Upper

91 100

92 54.8 38.0 70.6



#52

Ethylbenzene

Concen: 0.173 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU060610.D

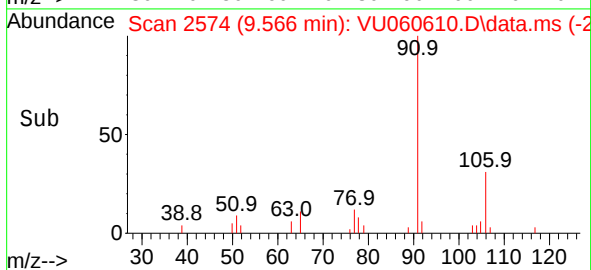
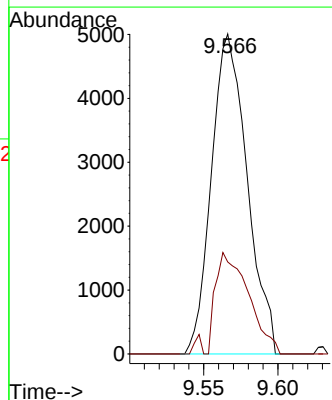
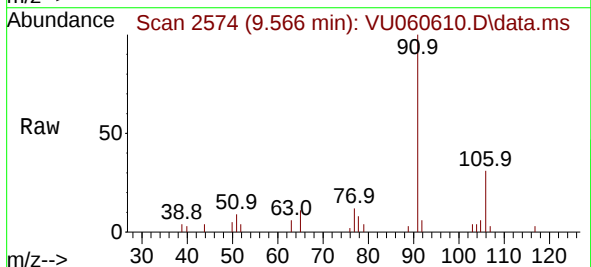
Acq: 04 Sep 2024 19:30

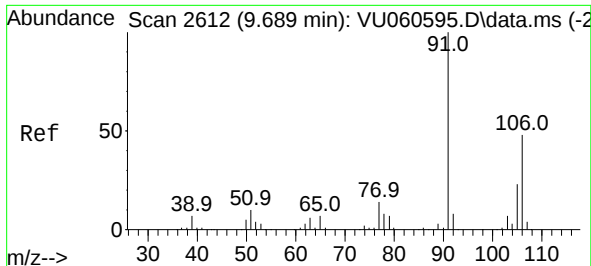
Tgt Ion: 91 Resp: 8368

Ion Ratio Lower Upper

91 100

106 28.8 21.9 40.7





#53

m,p-Xylene

Concen: 0.630 ug/L

RT: 9.688 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

Instrument :

MSVOA_V

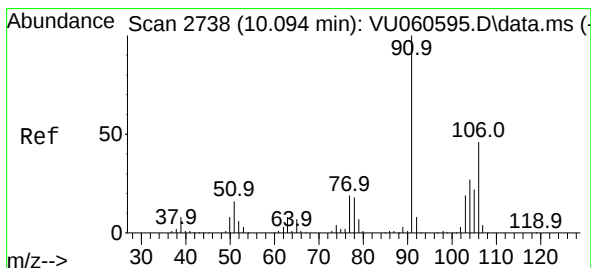
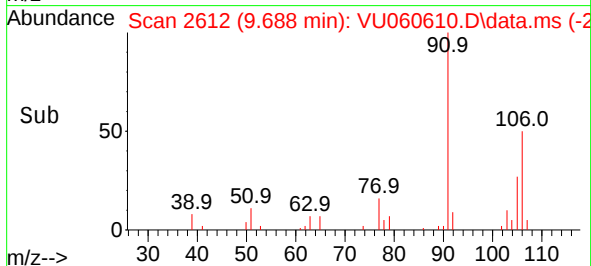
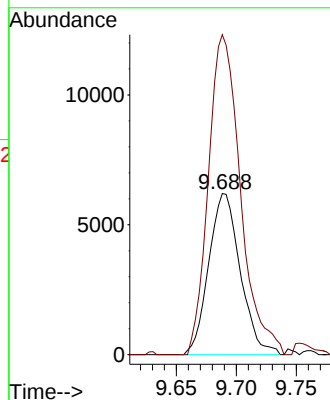
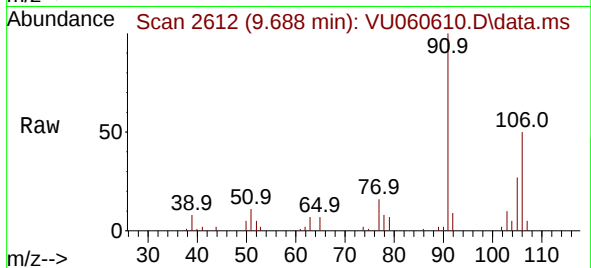
ClientSampleId :

Tgt Ion:106 Resp: 11353

Ion Ratio Lower Upper

106 100

91 198.6 141.5 262.9



#54

o-Xylene

Concen: 0.336 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.003 min

Lab File: VU060610.D

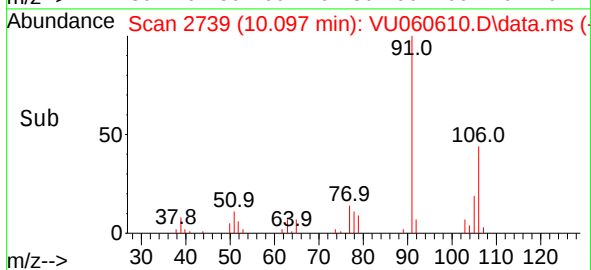
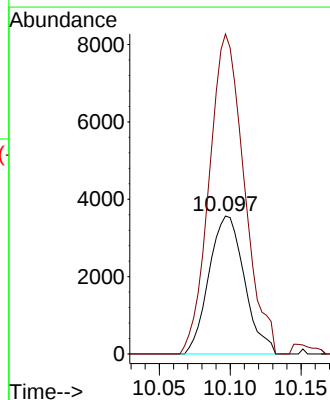
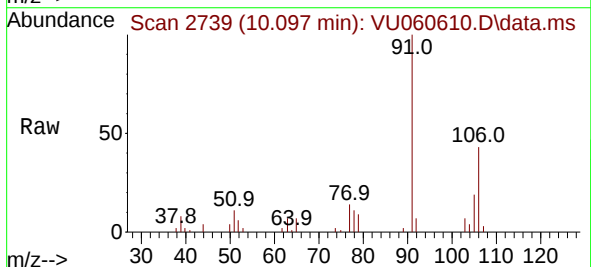
Acq: 04 Sep 2024 19:30

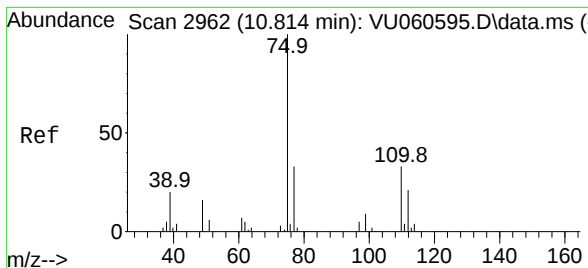
Tgt Ion:106 Resp: 6196

Ion Ratio Lower Upper

106 100

91 232.0 151.1 280.7





#61

1,2,3-Trichloropropane

Concen: 1.220 ug/L

RT: 11.804 min Scan# 3165

Delta R.T. 0.990 min

Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

Instrument :

MSVOA_V

ClientSampleId :

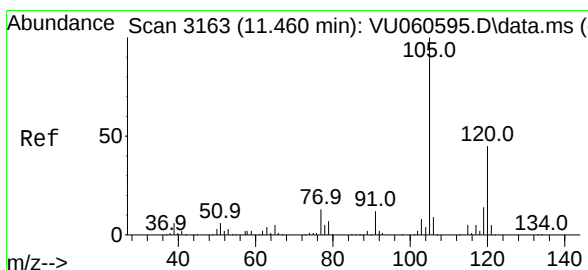
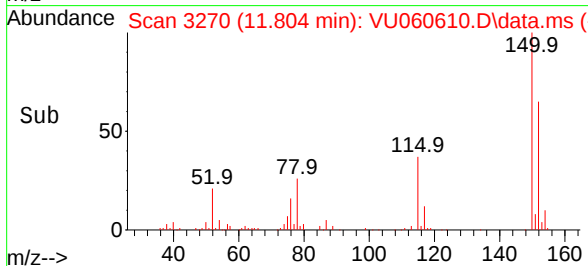
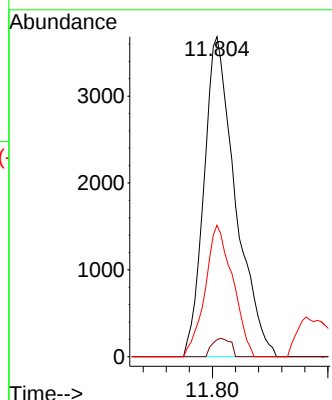
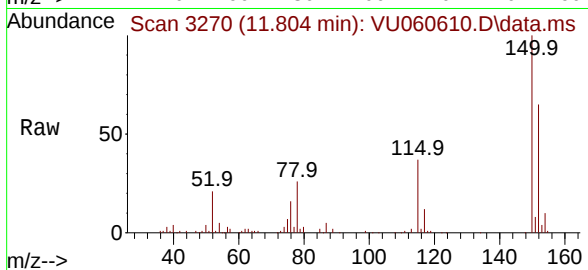
Tgt Ion: 75 Resp: 6977

Ion Ratio Lower Upper

75 100

110 3.4 30.2 45.4#

77 36.0 25.4 38.2



#63

1,2,4-Trimethylbenzene

Concen: 0.228 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU060610.D

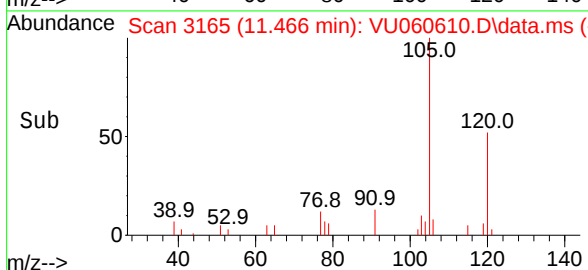
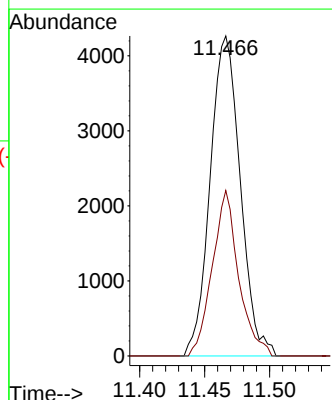
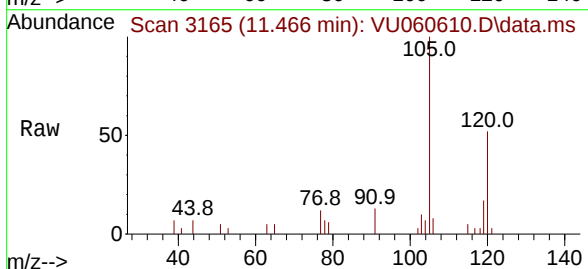
Acq: 04 Sep 2024 19:30

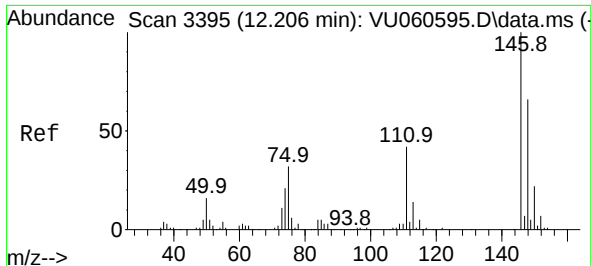
Tgt Ion: 105 Resp: 6875

Ion Ratio Lower Upper

105 100

120 45.2 35.7 53.5





#67

1,2-Dichlorobenzene

Concen: 0.396 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

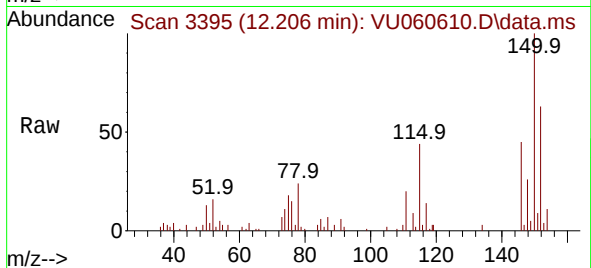
Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

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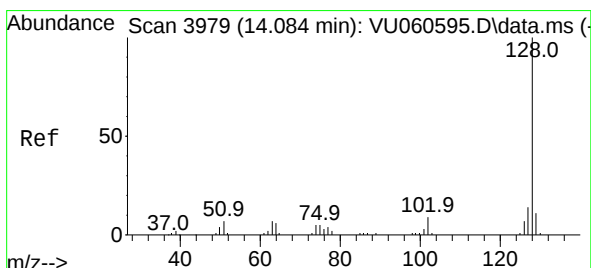
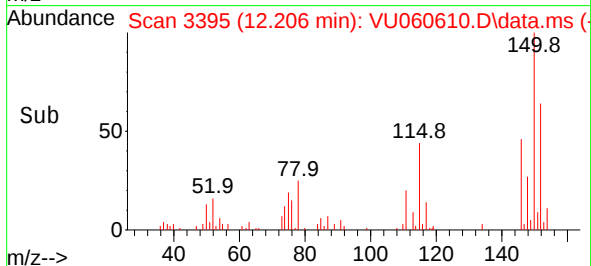
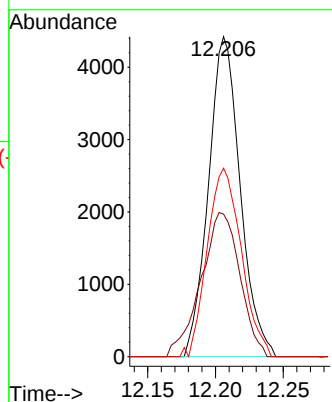
Tgt Ion:146 Resp: 7203

Ion Ratio Lower Upper

146 100

111 44.6 34.6 52.0

148 58.9 51.4 77.2



#71

Naphthalene

Concen: 7.633 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.003 min

Lab File: VU060610.D

Acq: 04 Sep 2024 19:30

Tgt Ion:128 Resp: 117588

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 13.5 10.2 15.2

