

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060845.D
 Acq On : 17 Sep 2024 20:09
 Operator : MD/SY
 Sample : P3973-08DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:21:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

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

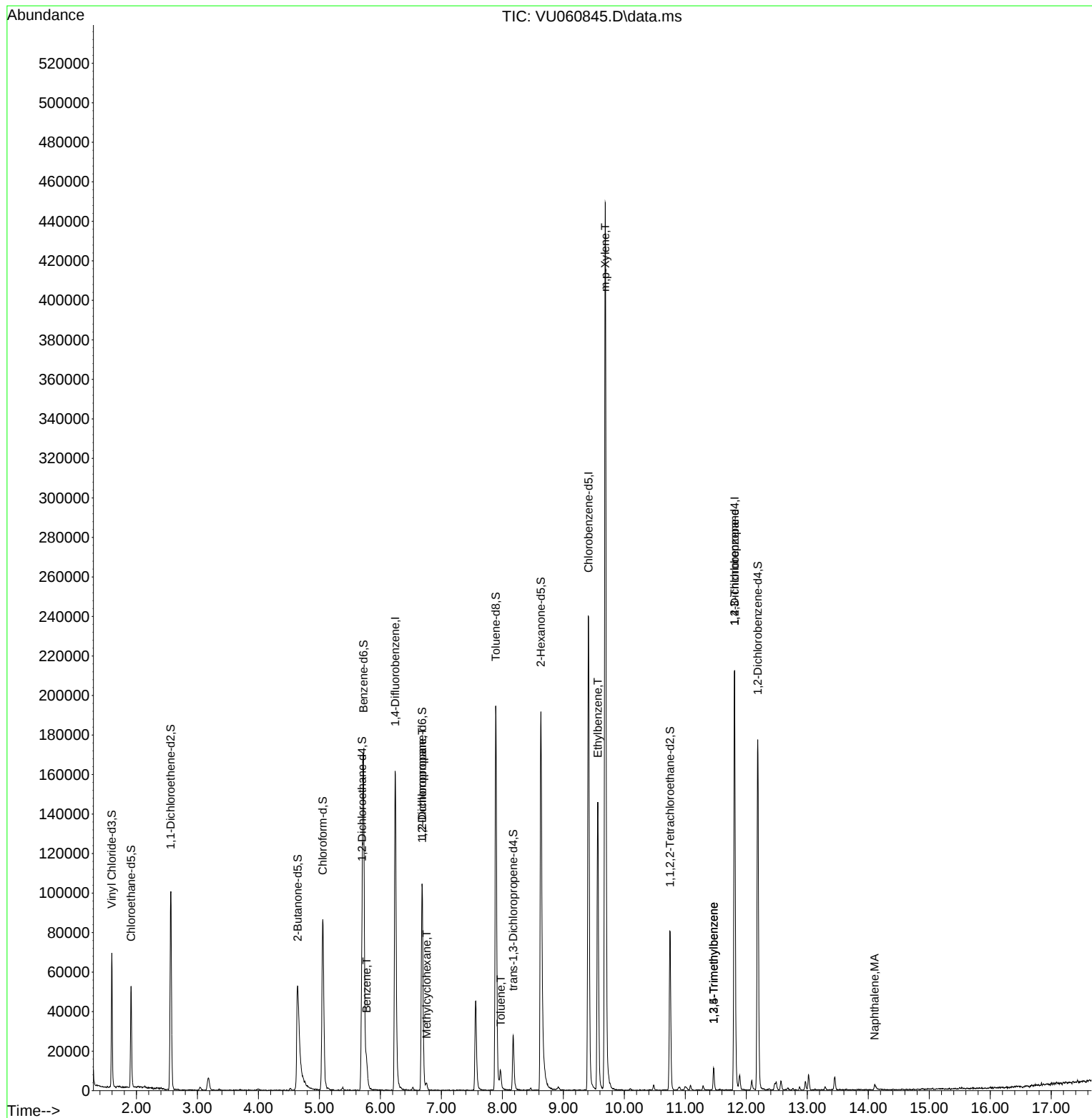
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48143	3.776	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	75.600%		
7) Chloroethane-d5	1.911	69	39186	4.317	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.400%		
11) 1,1-Dichloroethene-d2	2.560	65	18965	4.197	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	84.000%		
20) 2-Butanone-d5	4.644	46	89389	43.677	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	87.360%		
24) Chloroform-d	5.055	84	85122	4.368	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.400%		
26) 1,2-Dichloroethane-d4	5.698	65	42683	4.582	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.600%		
32) Benzene-d6	5.721	84	168717	4.220	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.400%		
36) 1,2-Dichloropropane-d6	6.682	67	52631	4.255	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	85.000%		
41) Toluene-d8	7.891	98	140533	3.855	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	77.200%		
43) trans-1,3-Dichloroprop...	8.177	79	18407	4.134	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.600%		
46) 2-Hexanone-d5	8.631	63	73341	41.755	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	83.520%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	42674	4.403	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	88.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	51689	4.906	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.200%		
Target Compounds						Qvalue
33) Benzene	5.772	78	14280	0.348	ug/L	100
35) Methylcyclohexane	6.759	83	1445	0.098	ug/L #	83
37) 1,2-Dichloropropane	6.685	63	5292	0.468	ug/L #	93
42) Toluene	7.972	91	7753	0.181	ug/L	90
52) Ethylbenzene	9.563	91	105461	2.336	ug/L	98
53) m,p-Xylene	9.685	106	138709	8.103	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	6753	1.155	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.463	105	6040	0.209	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	6040	0.212	ug/L	95
71) Naphthalene	14.103	128	3029	0.233	ug/L	94

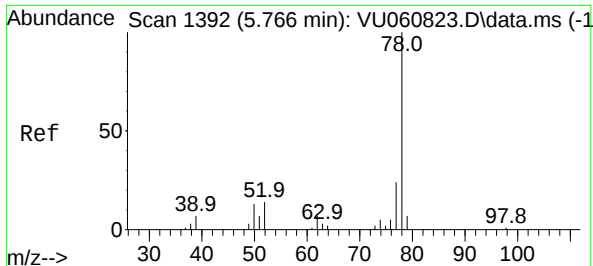
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
Response via : Initial Calibration





#33

Benzene

Concen: 0.348 ug/L

RT: 5.772 min Scan# 14

Delta R.T. 0.007 min

Lab File: VU060845.D

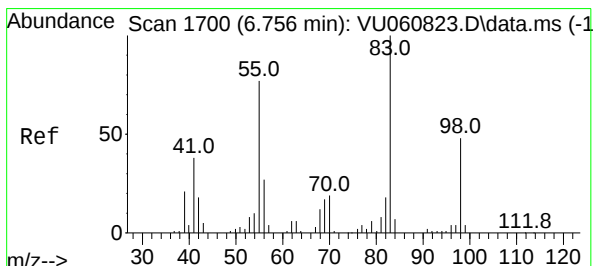
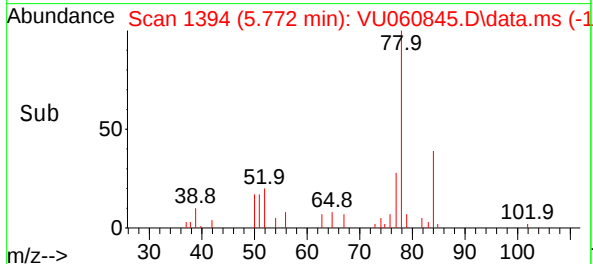
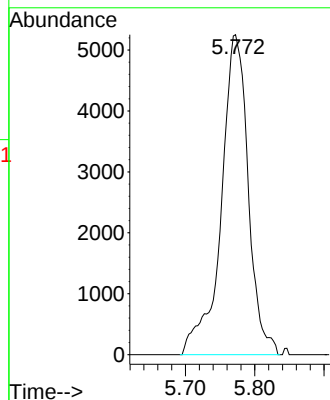
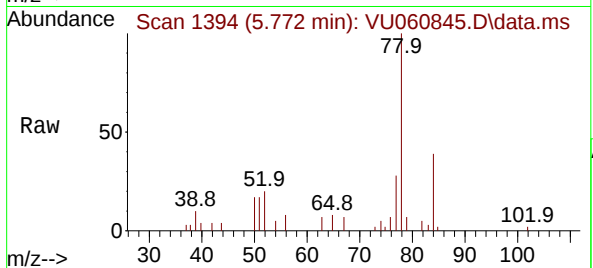
Acq: 17 Sep 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 14280



#35

Methylcyclohexane

Concen: 0.098 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VU060845.D

Acq: 17 Sep 2024 20:09

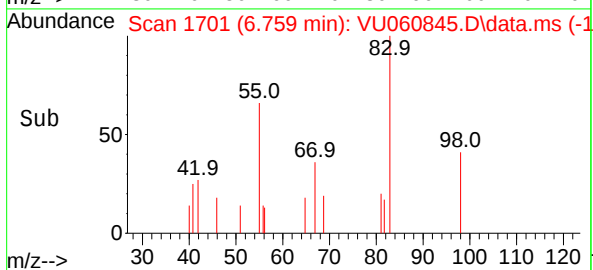
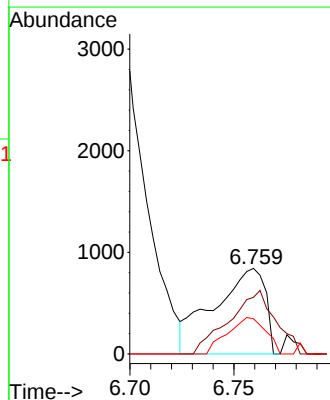
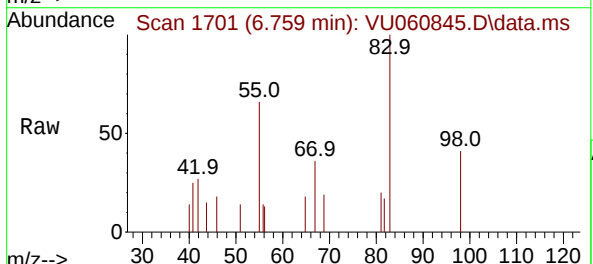
Tgt Ion: 83 Resp: 1445

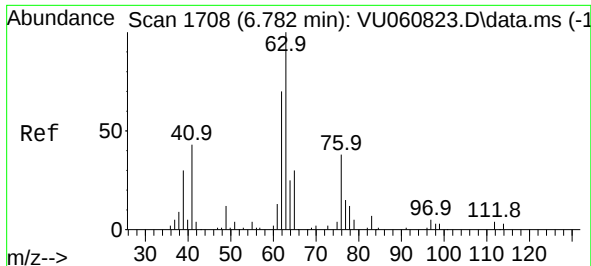
Ion Ratio Lower Upper

83 100

55 66.7 62.6 94.0

98 31.7 37.6 56.4#

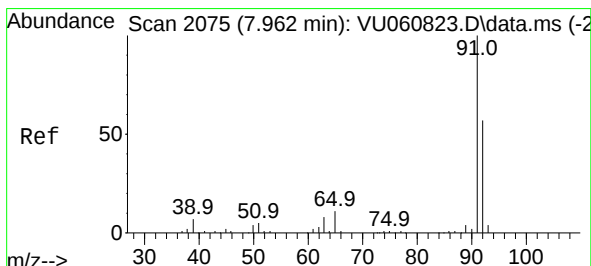
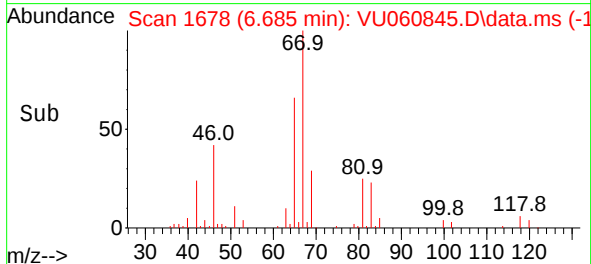
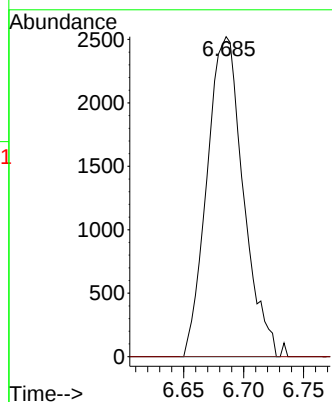
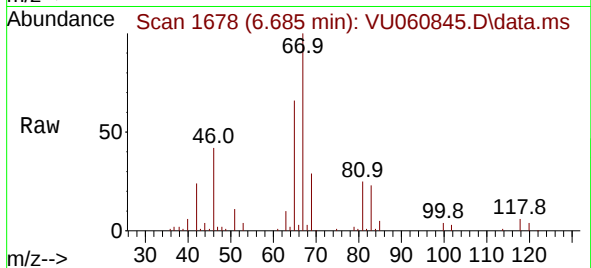




#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060845.D
Acq: 17 Sep 2024 20:09

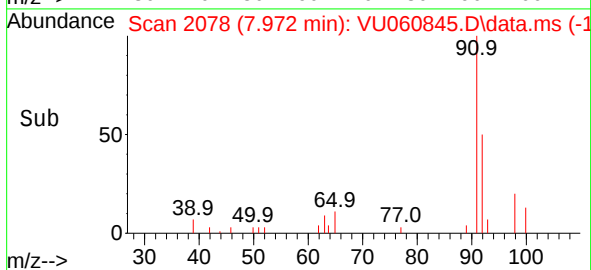
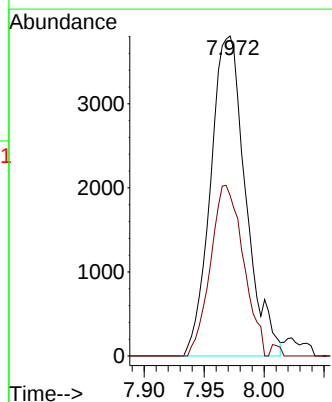
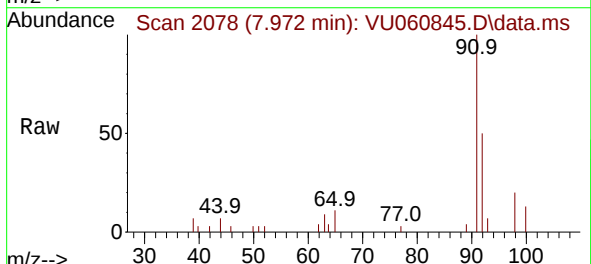
Instrument :
MSVOA_U
ClientSampleId :

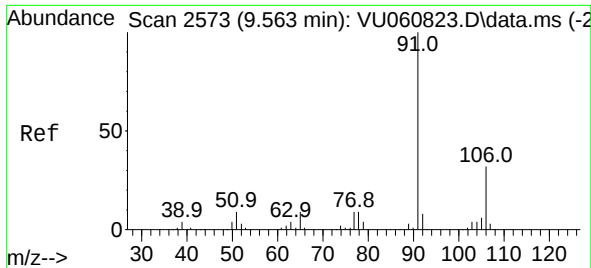
Tgt Ion: 63 Resp: 5292
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.181 ug/L
RT: 7.972 min Scan# 2078
Delta R.T. 0.010 min
Lab File: VU060845.D
Acq: 17 Sep 2024 20:09

Tgt Ion: 91 Resp: 7753
Ion Ratio Lower Upper
91 100
92 50.1 40.5 75.3

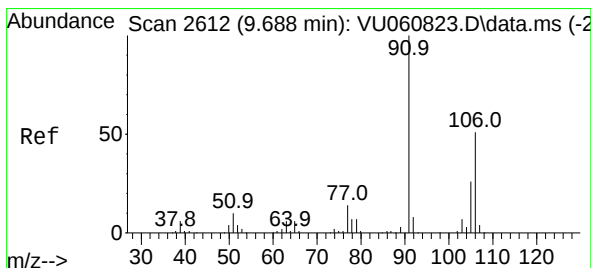
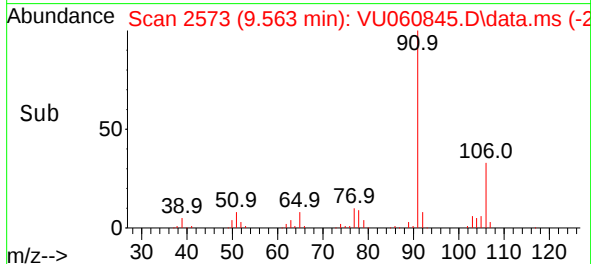
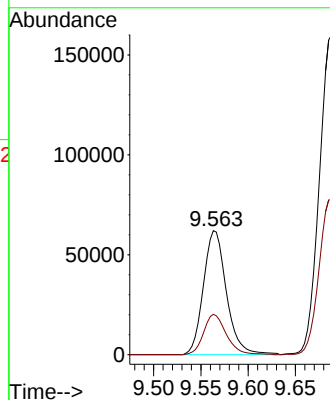
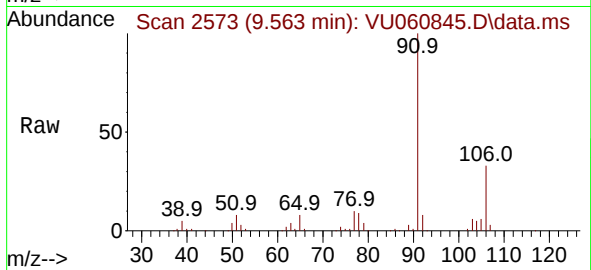




#52
Ethylbenzene
Concen: 2.336 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060845.D
Acq: 17 Sep 2024 20:09

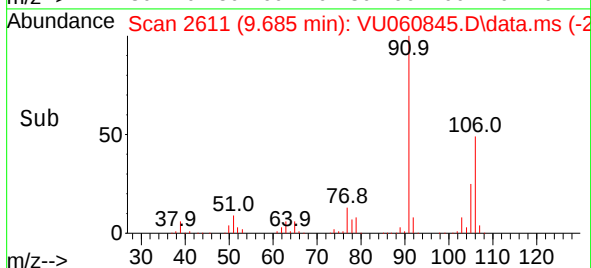
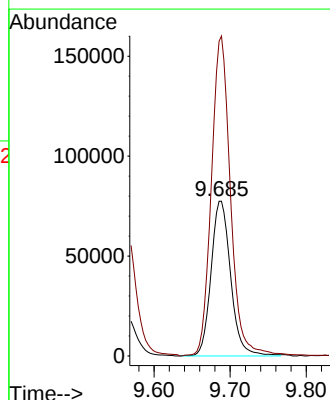
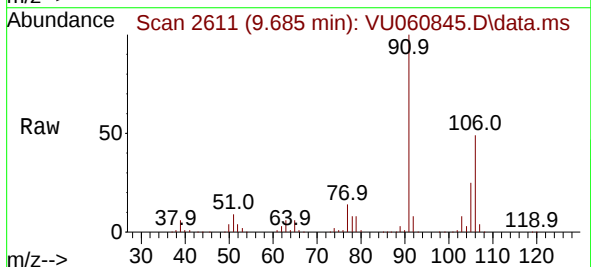
Instrument :
MSVOA_U
ClientSampleId :

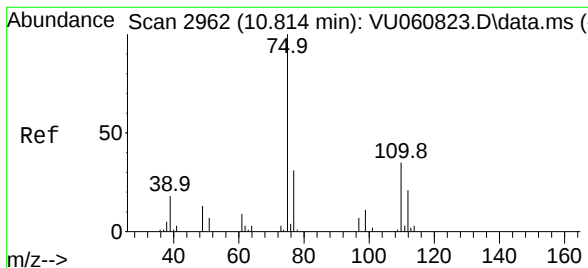
Tgt Ion: 91 Resp: 105461
Ion Ratio Lower Upper
91 100
106 32.5 21.8 40.6



#53
m,p-Xylene
Concen: 8.103 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060845.D
Acq: 17 Sep 2024 20:09

Tgt Ion: 106 Resp: 138709
Ion Ratio Lower Upper
106 100
91 203.4 139.7 259.4





#61

1,2,3-Trichloropropane

Concen: 1.155 ug/L

RT: 11.807 min Scan# 3164

Delta R.T. 0.994 min

Lab File: VU060845.D

Acq: 17 Sep 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

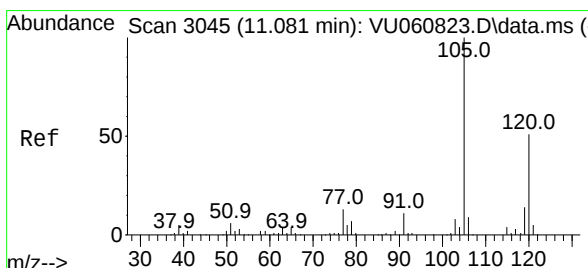
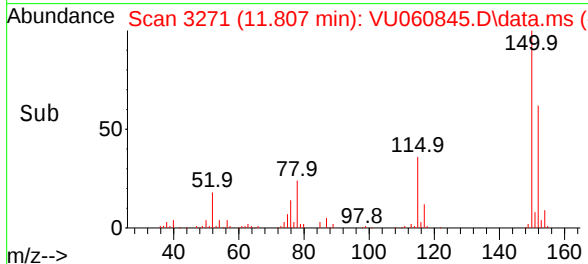
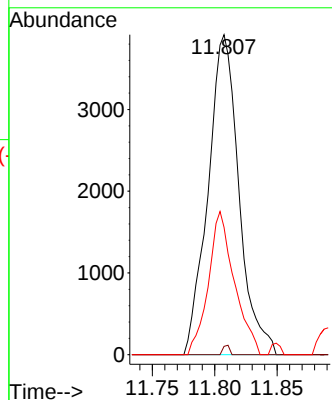
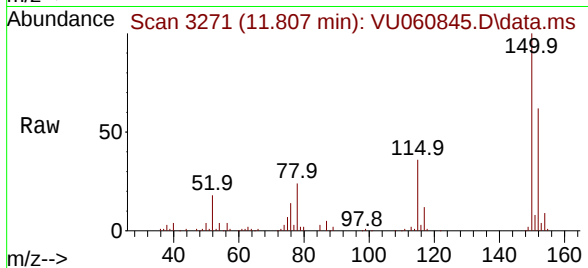
Tgt Ion: 75 Resp: 6753

Ion Ratio Lower Upper

75 100

110 0.6 28.6 43.0#

77 37.6 26.3 39.5



#62

1,3,5-Trimethylbenzene

Concen: 0.209 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.383 min

Lab File: VU060845.D

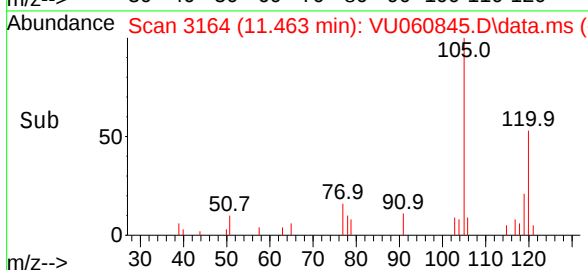
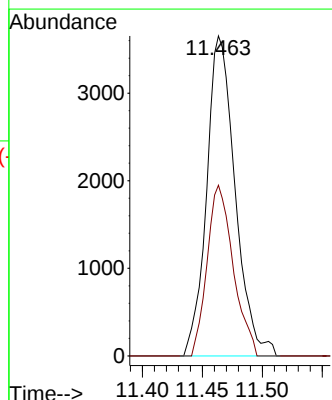
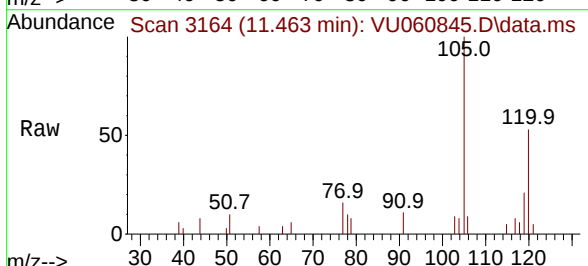
Acq: 17 Sep 2024 20:09

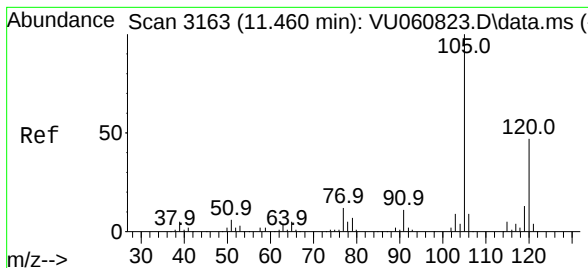
Tgt Ion:105 Resp: 6040

Ion Ratio Lower Upper

105 100

120 48.7 38.5 57.7





#63

1,2,4-Trimethylbenzene

Concen: 0.212 ug/L

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU060845.D

Acq: 17 Sep 2024 20:09

Instrument :

MSVOA_U

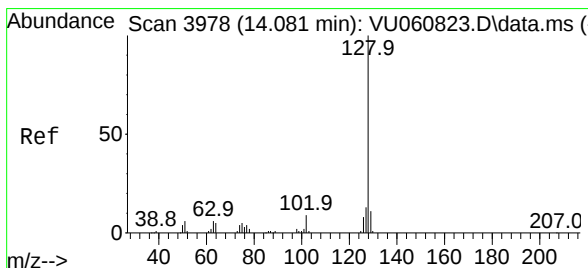
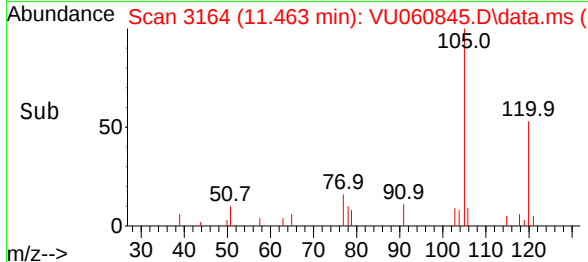
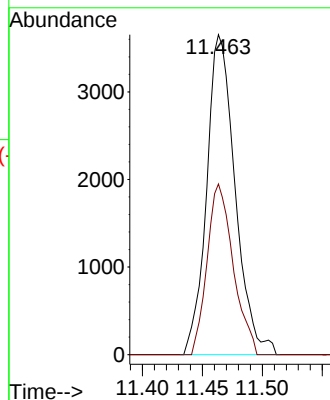
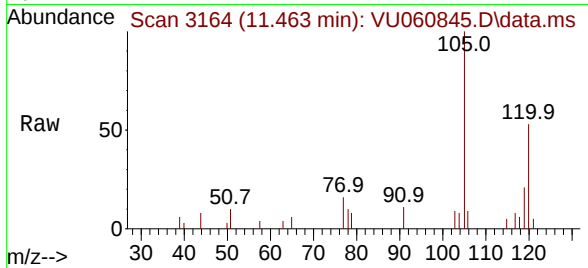
ClientSampleId :

Tgt Ion:105 Resp: 6040

Ion Ratio Lower Upper

105 100

120 48.7 36.1 54.1



#71

Naphthalene

Concen: 0.233 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.023 min

Lab File: VU060845.D

Acq: 17 Sep 2024 20:09

Tgt Ion:128 Resp: 3029

Ion Ratio Lower Upper

128 100

129 12.0 8.3 12.5

127 10.8 10.7 16.1

