

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062311.D
 Acq On : 13 Dec 2024 14:33
 Operator : MD/SY
 Sample : P5262-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:49:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91628	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18088	2.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.911	69	15910	3.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.560	65	8835	3.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.624	46	64208	54.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.052	84	51369	3.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.692	65	29447	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	90709	3.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	6.679	67	28561	3.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.888	98	79413	3.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.174	79	11976	3.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.627	63	49943	52.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25465	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	32644	4.309	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
15) Methyl Acetate	3.078	43	9997	4.946	ug/L #	51
30) Cyclohexane	5.377	56	5558	0.557	ug/L	94
33) Benzene	5.769	78	12524	0.462	ug/L	100
34) Trichloroethene	6.534	95	3209	0.418	ug/L	94
35) Methylcyclohexane	6.753	83	8305	0.729	ug/L	98
37) 1,2-Dichloropropane	6.679	63	3511	0.532	ug/L #	87
42) Toluene	7.962	91	37678	1.289	ug/L	95
45) 1,1,2-Trichloroethane	8.235	97	762	0.153	ug/L #	14
47) Tetrachloroethene	8.547	164	2061012	347.623	ug/L	96
49) Dibromochloromethane	8.547	129	2038811	338.606	ug/L #	13
52) Ethylbenzene	9.563	91	13355	0.408	ug/L	100
53) m,p-Xylene	9.685	106	7575	0.626	ug/L	92
54) o-Xylene	10.094	106	3340	0.284	ug/L	85
61) 1,2,3-Trichloropropane	11.801	75	4075	1.072	ug/L #	63
62) 1,3,5-Trimethylbenzene	11.084	105	2639	0.105	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	7831	0.318	ug/L	95

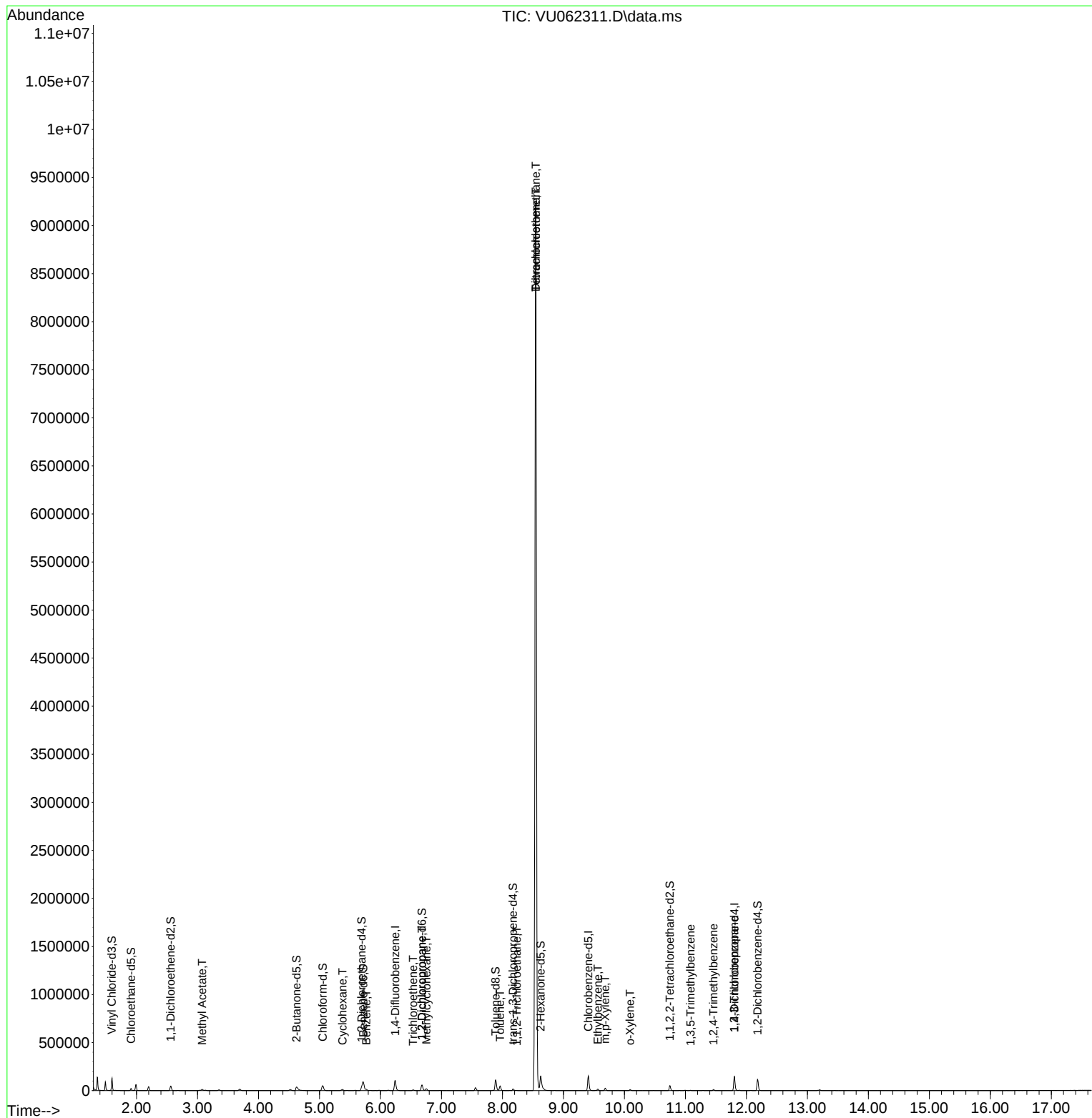
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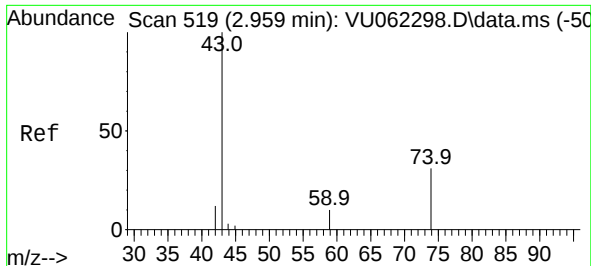
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
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QLast Update : Sat Dec 14 03:45:56 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 4.946 ug/L

RT: 3.078 min Scan# 519

Delta R.T. 0.119 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Instrument :

MSVOA_U

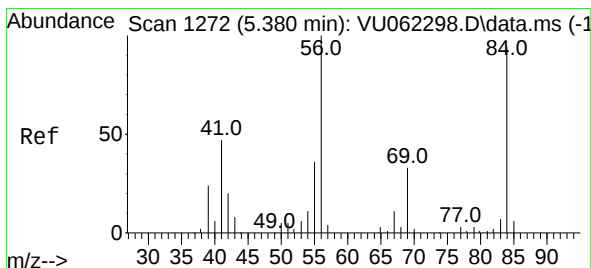
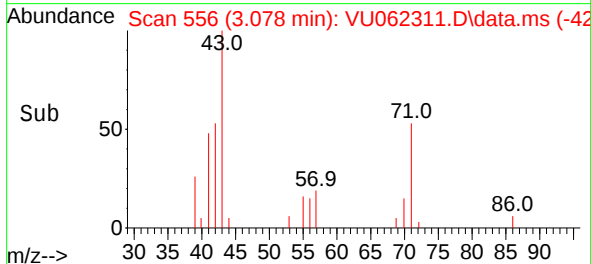
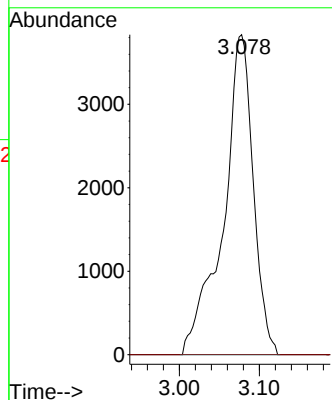
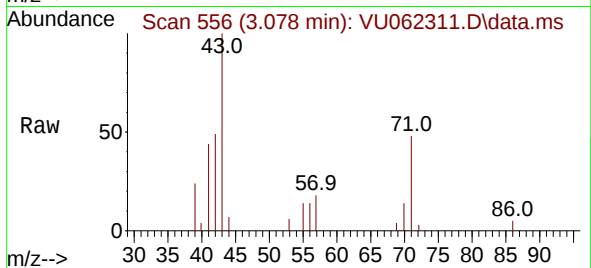
ClientSampleId :

Tgt Ion: 43 Resp: 9997

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#30

Cyclohexane

Concen: 0.557 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

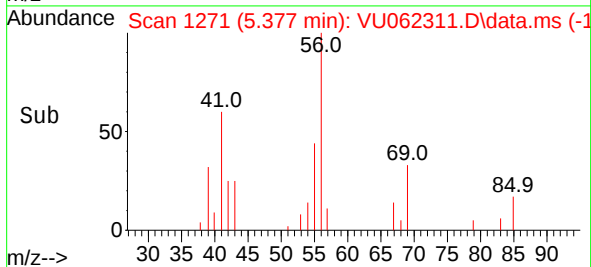
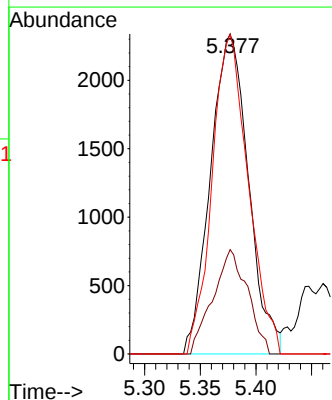
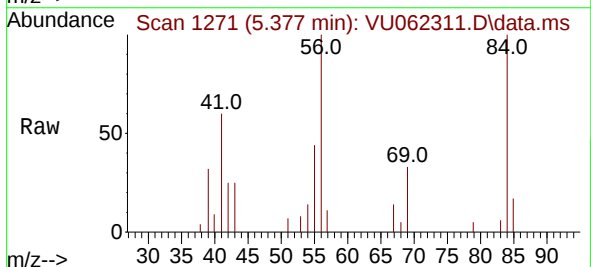
Tgt Ion: 56 Resp: 5558

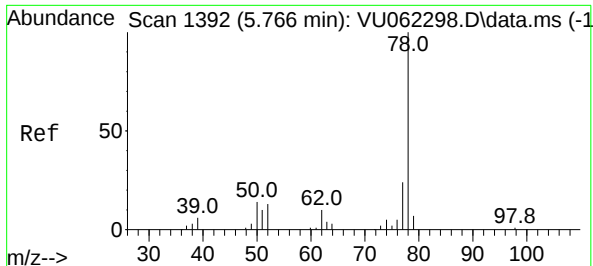
Ion Ratio Lower Upper

56 100

69 29.7 25.1 37.7

84 94.5 70.6 105.8





#33

Benzene

Concen: 0.462 ug/L

RT: 5.769 min Scan# 1392

Delta R.T. 0.003 min

Lab File: VU062311.D

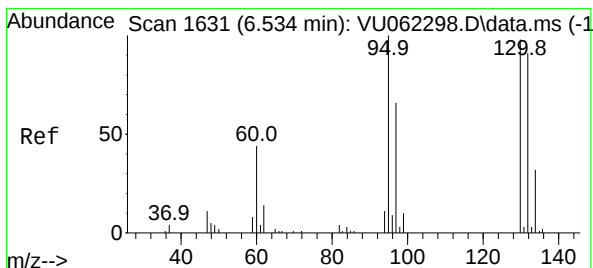
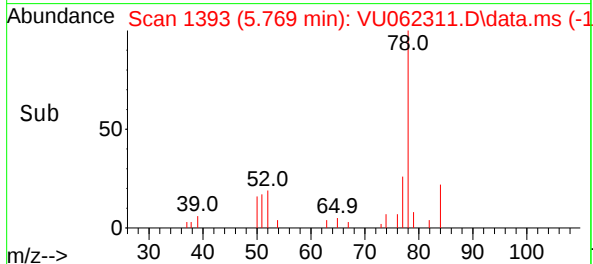
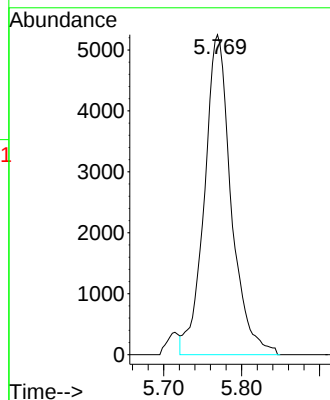
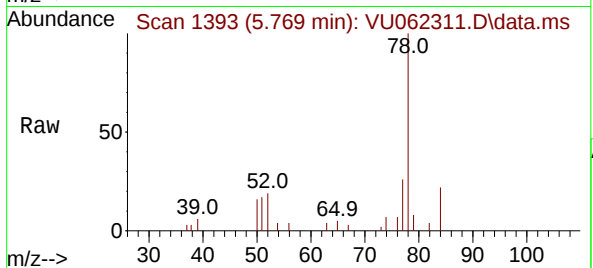
Acq: 13 Dec 2024 14:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 12524



#34

Trichloroethene

Concen: 0.418 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Tgt Ion: 95 Resp: 3209

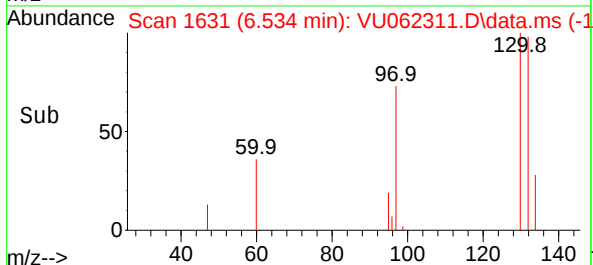
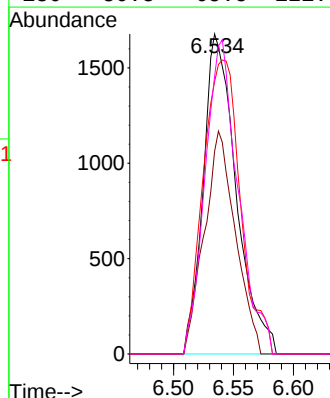
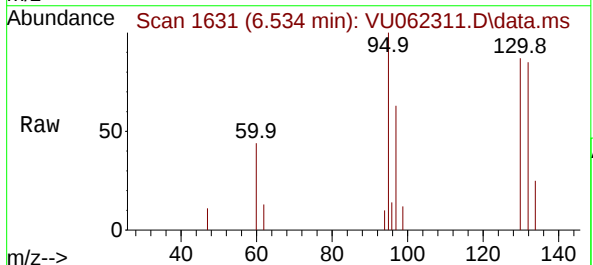
Ion Ratio Lower Upper

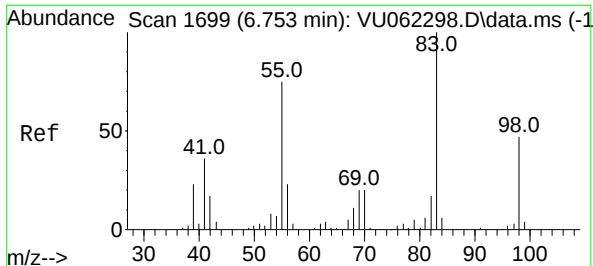
95 100

97 63.3 45.9 85.3

132 85.1 63.8 118.4

130 86.8 65.5 121.7

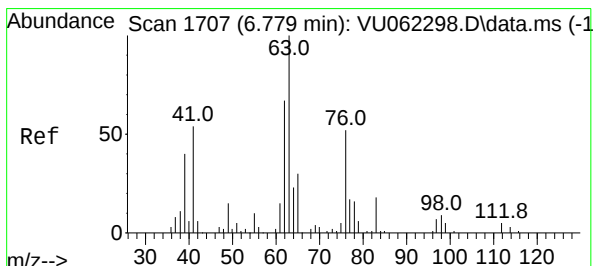
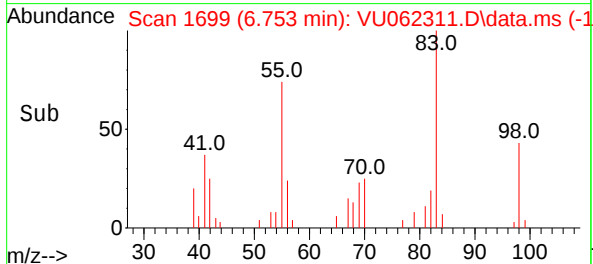
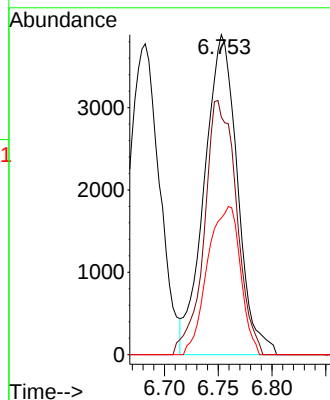
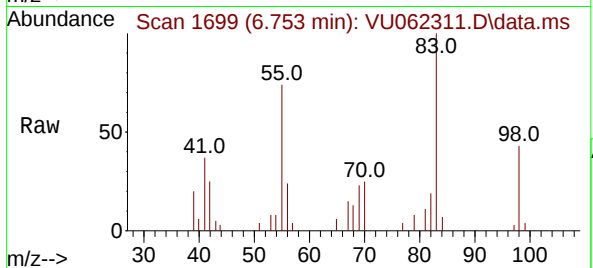




#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.753 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

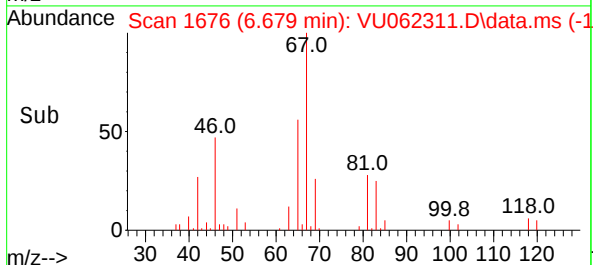
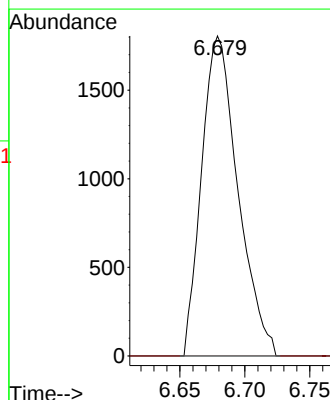
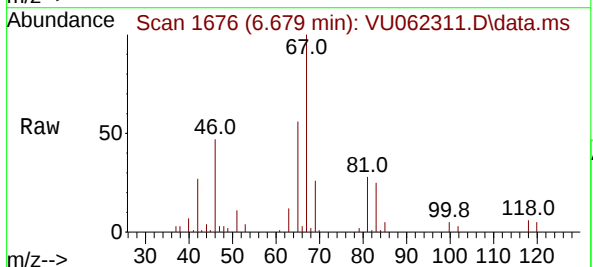
Instrument :
MSVOA_U
ClientSampleId :

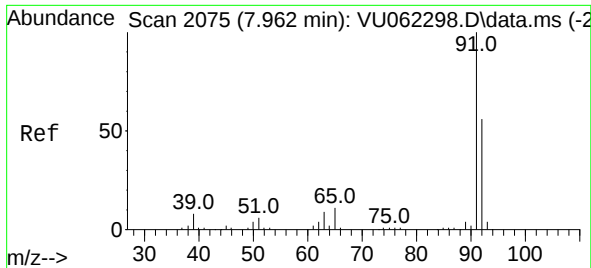
Tgt Ion: 83 Resp: 8305
Ion Ratio Lower Upper
83 100
55 77.3 60.7 91.1
98 46.0 34.8 52.2



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Tgt Ion: 63 Resp: 3511
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 1.289 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Instrument :

MSVOA_U

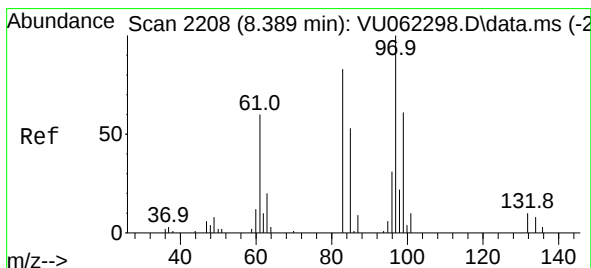
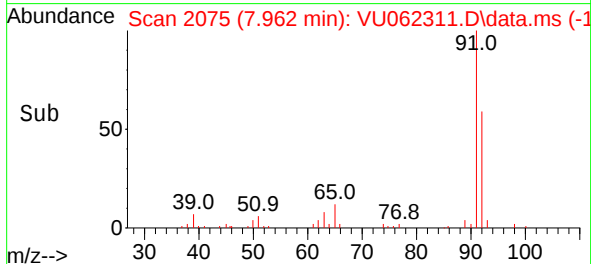
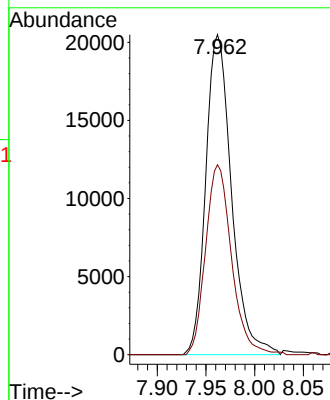
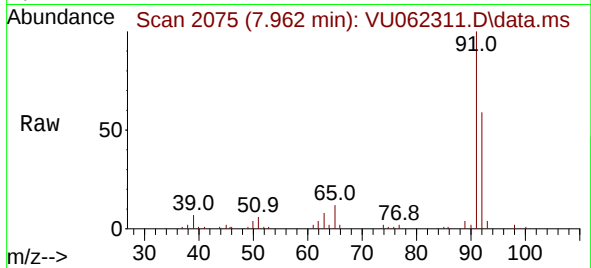
ClientSampleId :

Tgt Ion: 91 Resp: 37678

Ion Ratio Lower Upper

91 100

92 59.4 39.0 72.4



#45

1,1,2-Trichloroethane

Concen: 0.153 ug/L

RT: 8.235 min Scan# 2160

Delta R.T. -0.154 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Tgt Ion: 97 Resp: 762

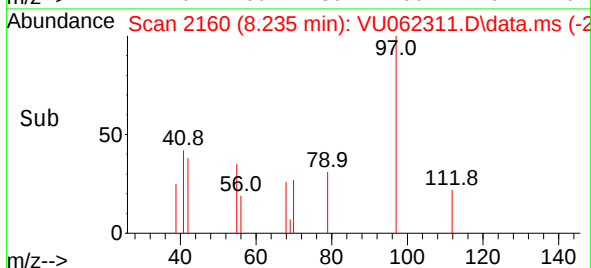
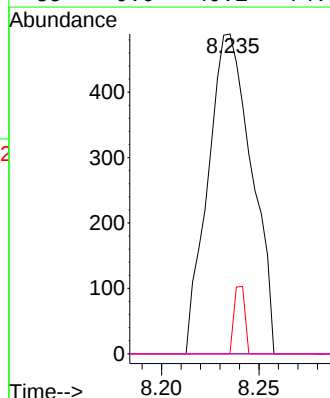
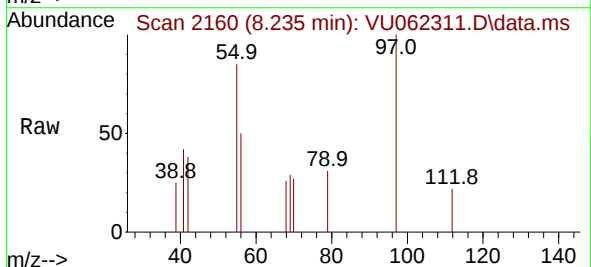
Ion Ratio Lower Upper

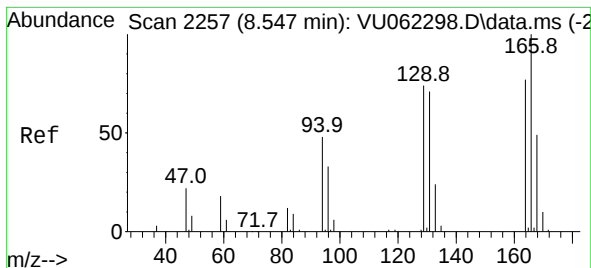
97 100

99 0.0 43.0 79.8#

83 0.0 61.7 114.5#

85 0.0 40.1 74.5#





#47

Tetrachloroethene

Concen: 347.623 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

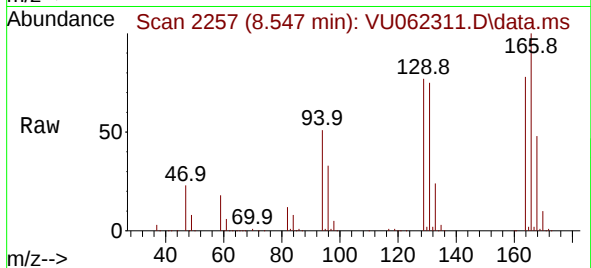
Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2061012

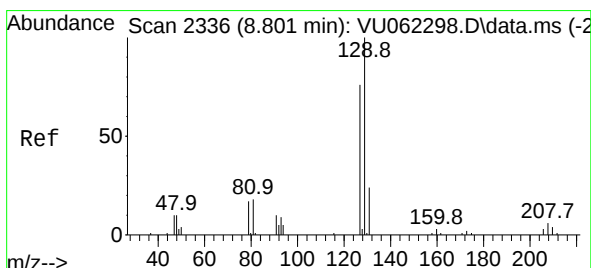
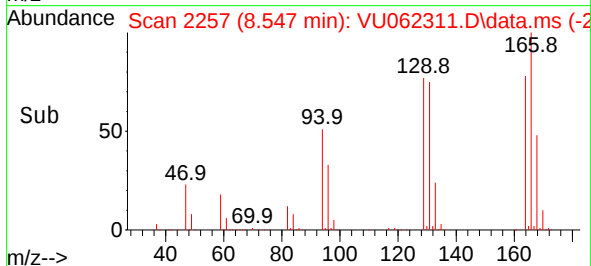
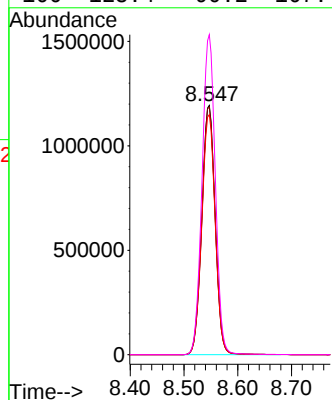
Ion Ratio Lower Upper

164 100

129 99.4 73.2 136.0

131 96.3 72.3 134.3

166 128.4 90.2 167.4



#49

Dibromochloromethane

Concen: 338.606 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU062311.D

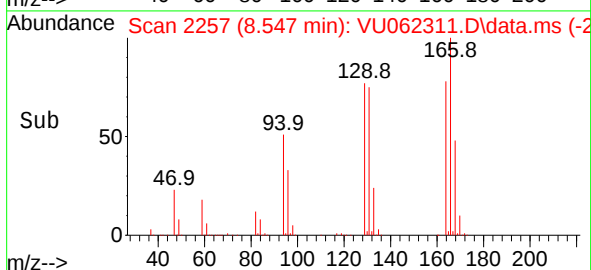
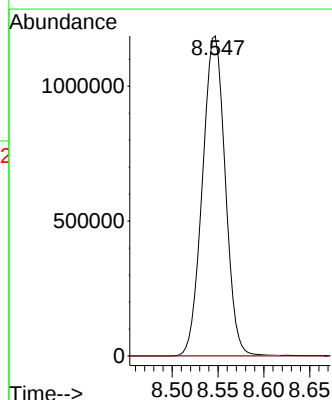
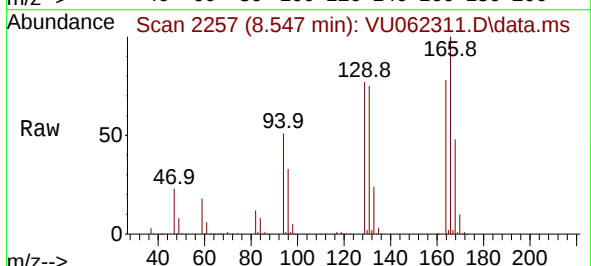
Acq: 13 Dec 2024 14:33

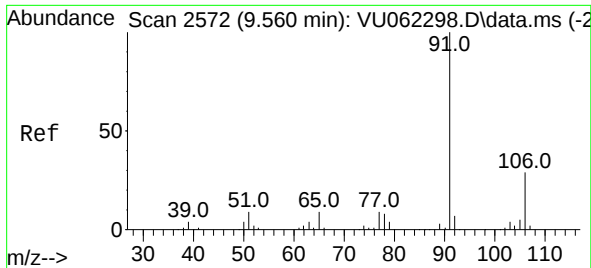
Tgt Ion:129 Resp: 2038811

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#

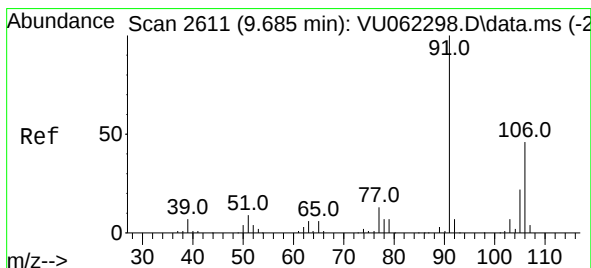
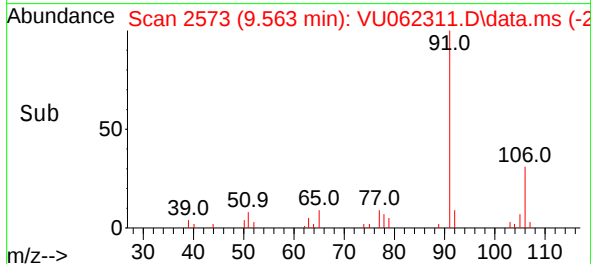
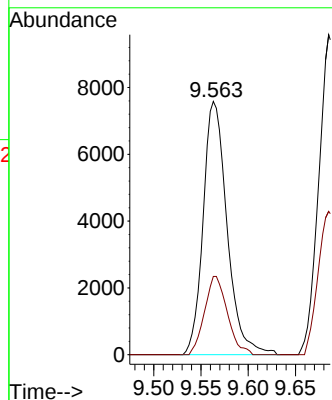
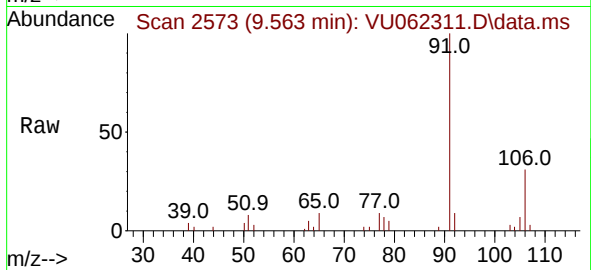




#52
Ethylbenzene
Concen: 0.408 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

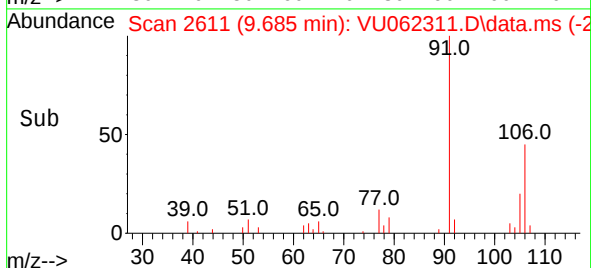
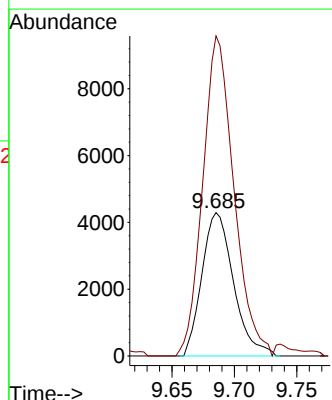
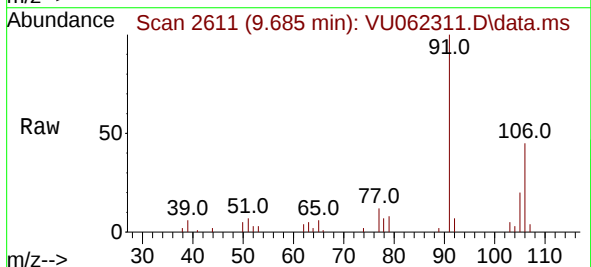
Instrument :
MSVOA_U
ClientSampleId :

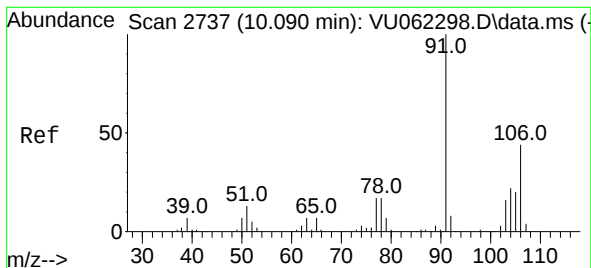
Tgt Ion: 91 Resp: 13355
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



#53
m,p-Xylene
Concen: 0.626 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062311.D
Acq: 13 Dec 2024 14:33

Tgt Ion:106 Resp: 7575
Ion Ratio Lower Upper
106 100
91 223.2 147.6 274.0





#54

o-Xylene

Concen: 0.284 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Instrument :

MSVOA_U

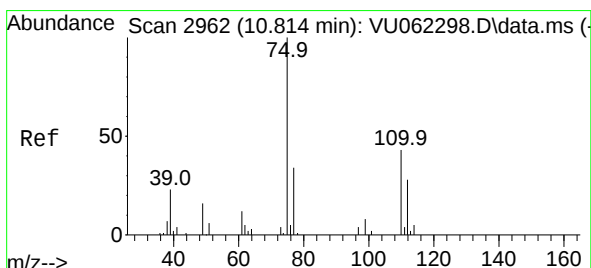
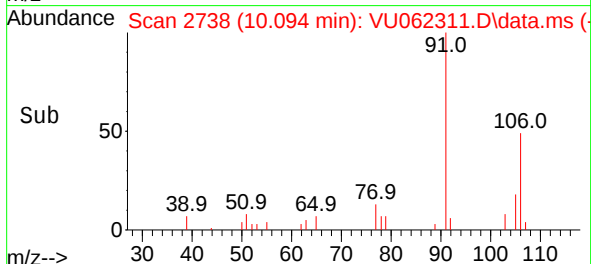
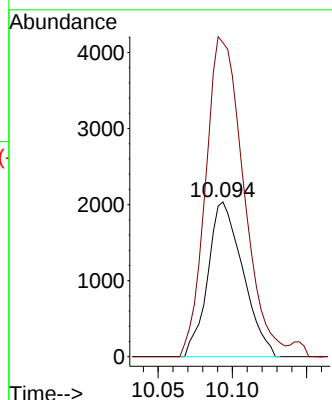
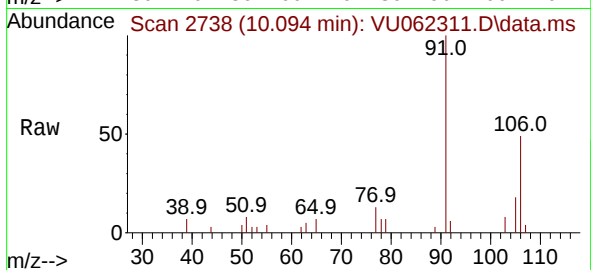
ClientSampleId :

Tgt Ion:106 Resp: 3340

Ion Ratio Lower Upper

106 100

91 203.0 159.8 296.8



#61

1,2,3-Trichloropropane

Concen: 1.072 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

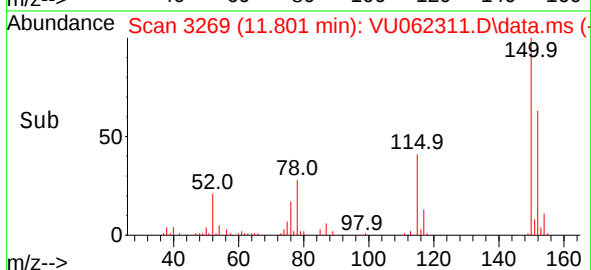
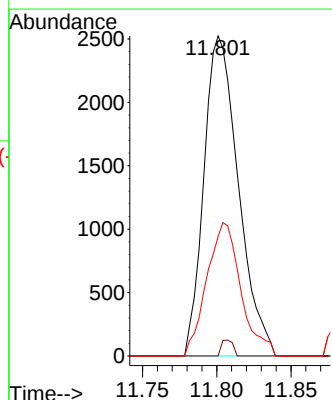
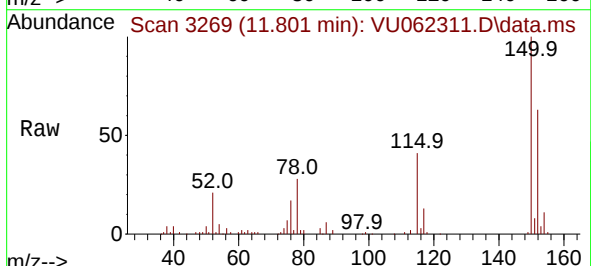
Tgt Ion: 75 Resp: 4075

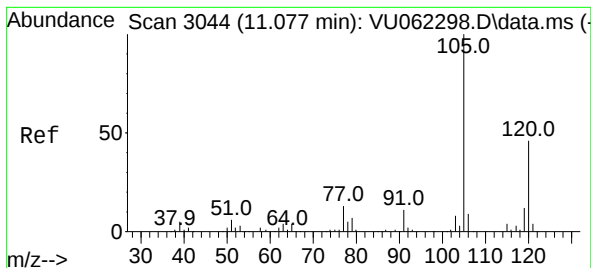
Ion Ratio Lower Upper

75 100

110 1.7 28.9 43.3#

77 41.2 26.5 39.7#





#62

1,3,5-Trimethylbenzene

Concen: 0.105 ug/L

RT: 11.084 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Instrument :

MSVOA_U

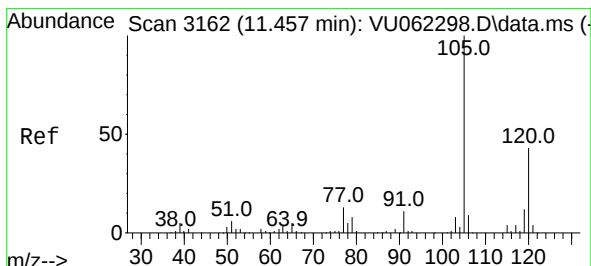
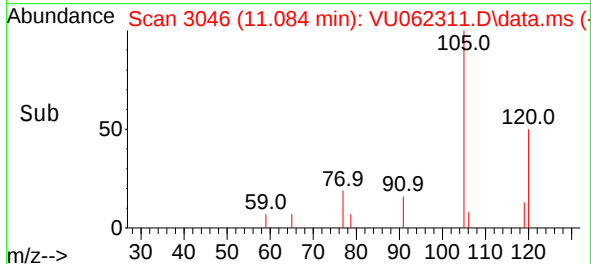
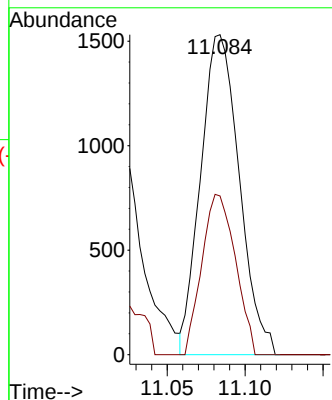
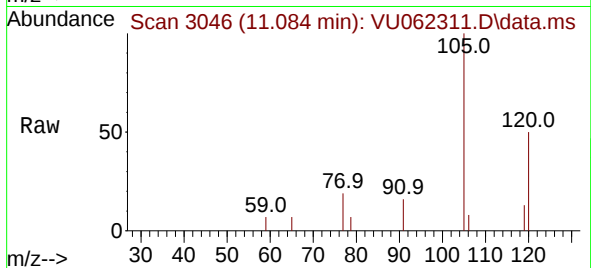
ClientSampleId :

Tgt Ion:105 Resp: 2639

Ion Ratio Lower Upper

105 100

120 43.3 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 0.318 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062311.D

Acq: 13 Dec 2024 14:33

Tgt Ion:105 Resp: 7831

Ion Ratio Lower Upper

105 100

120 40.5 34.7 52.1

