

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062312.D
 Acq On : 13 Dec 2024 14:58
 Operator : MD/SY
 Sample : P5262-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:49:46 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)

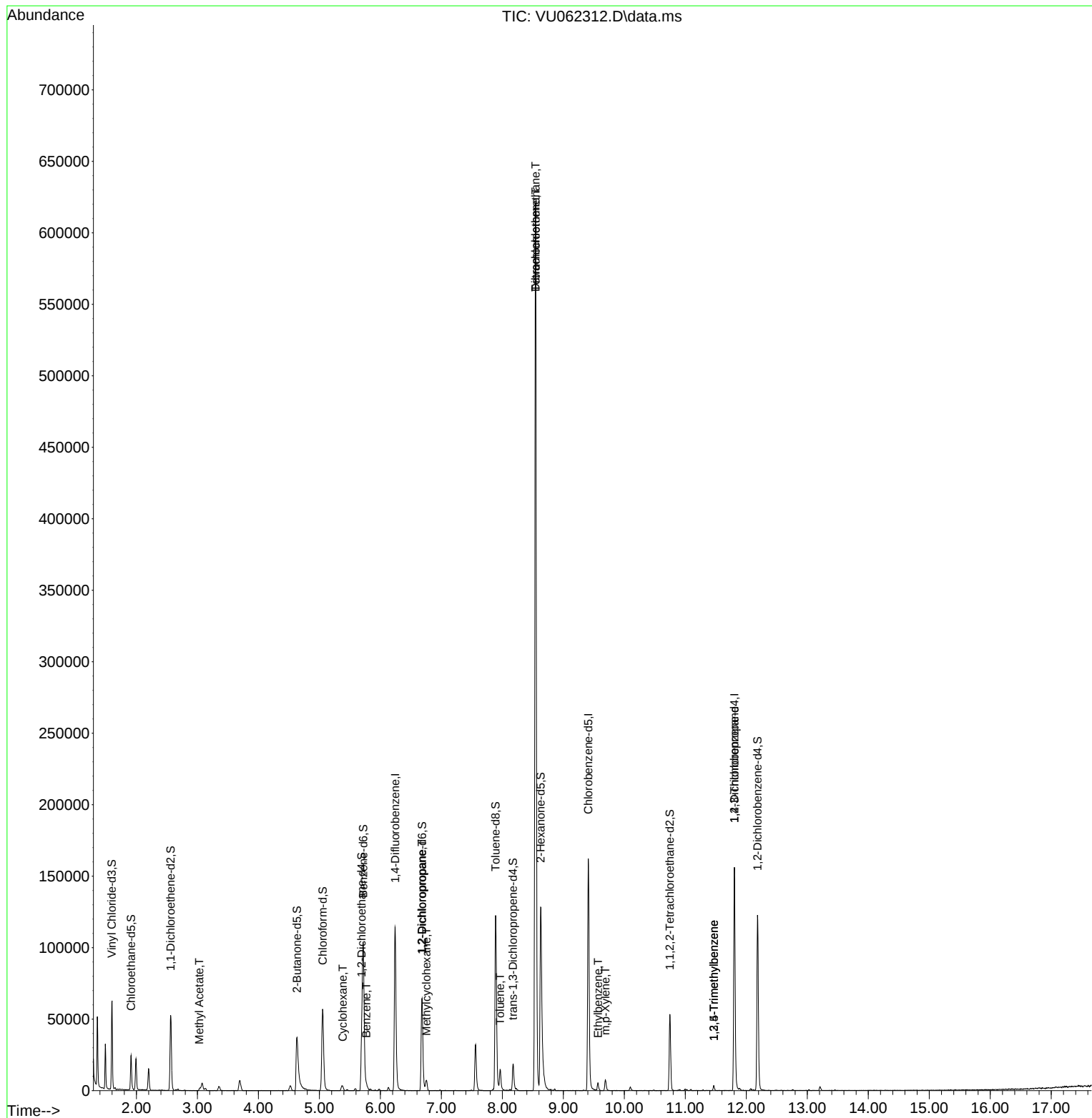
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44957	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20062	3.050	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.911	69	17788	3.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.560	65	10606	3.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.631	46	62264	49.391	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.780%
24) Chloroform-d	5.052	84	56672	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.692	65	30173	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.718	84	99389	3.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.682	67	31328	4.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.888	98	89592	3.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.174	79	13080	3.845	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.627	63	47682	46.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26348	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35092	4.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.030	43	496	0.231	ug/L #	51
30) Cyclohexane	5.383	56	1708	0.160	ug/L	98
33) Benzene	5.769	78	3928	0.135	ug/L	100
35) Methylcyclohexane	6.753	83	3386	0.277	ug/L #	87
37) 1,2-Dichloropropane	6.679	63	3930	0.555	ug/L #	87
42) Toluene	7.962	91	11928	0.381	ug/L	99
47) Tetrachloroethene	8.544	164	139037	21.875	ug/L	97
49) Dibromochloromethane	8.544	129	135602	21.008	ug/L #	13
52) Ethylbenzene	9.566	91	4631	0.132	ug/L	99
53) m,p-Xylene	9.689	106	2655	0.205	ug/L	90
61) 1,2,3-Trichloropropane	11.804	75	4753	1.143	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.467	105	2733	0.099	ug/L	91
63) 1,2,4-Trimethylbenzene	11.467	105	2733	0.101	ug/L	94

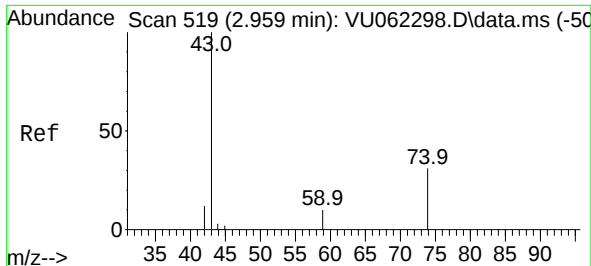
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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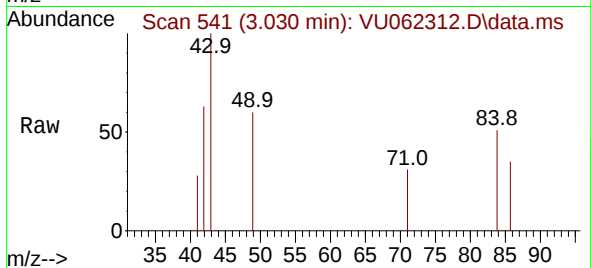
Quant Time: Dec 14 03:49:46 2024
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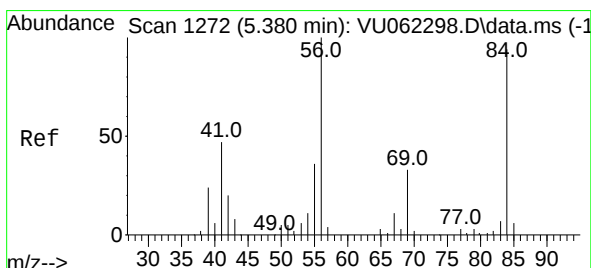
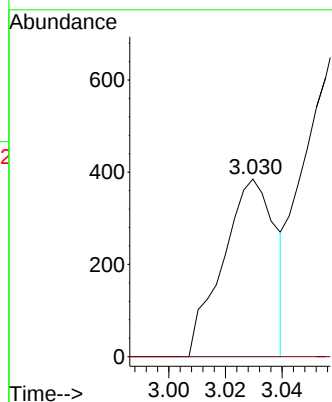
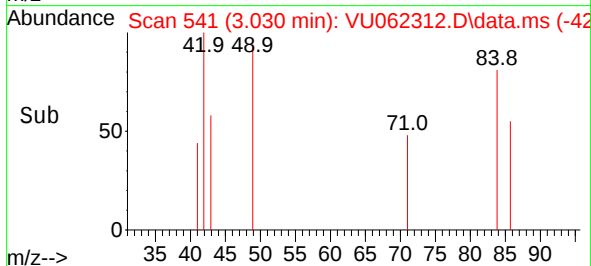


#15
Methyl Acetate
Concen: 0.231 ug/L
RT: 3.030 min Scan# 519
Delta R.T. 0.071 min
Lab File: VU062312.D
Acq: 13 Dec 2024 14:58

Instrument :
MSVOA_U
ClientSampleId :

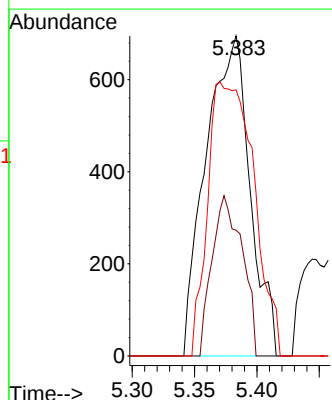
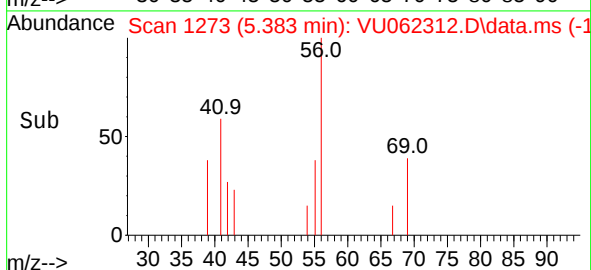
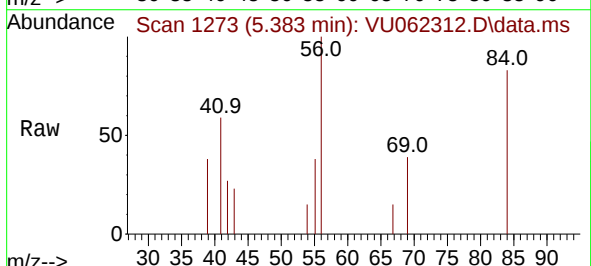


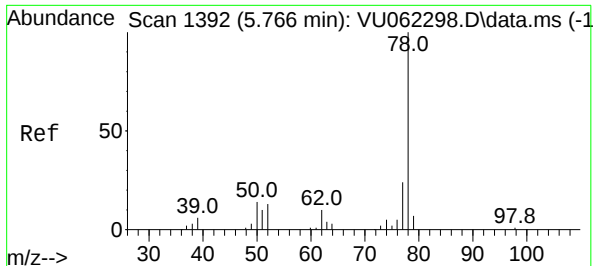
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#30
Cyclohexane
Concen: 0.160 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU062312.D
Acq: 13 Dec 2024 14:58

Tgt Ion: 56 Resp: 1708
Ion Ratio Lower Upper
56 100
69 34.4 25.1 37.7
84 89.4 70.6 105.8





#33

Benzene

Concen: 0.135 ug/L

RT: 5.769 min Scan# 14

Delta R.T. 0.003 min

Lab File: VU062312.D

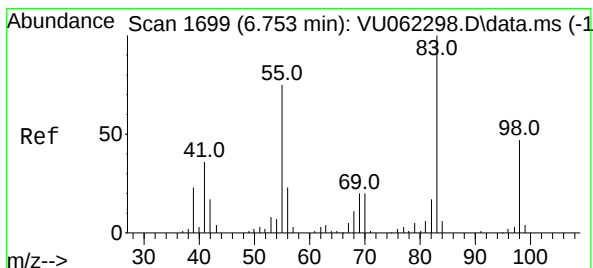
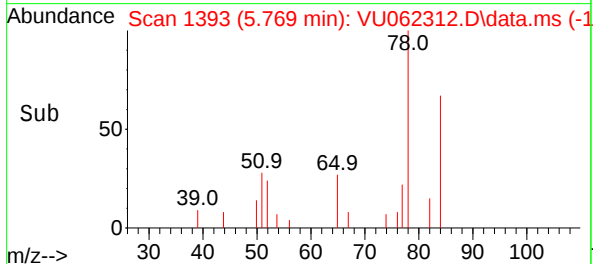
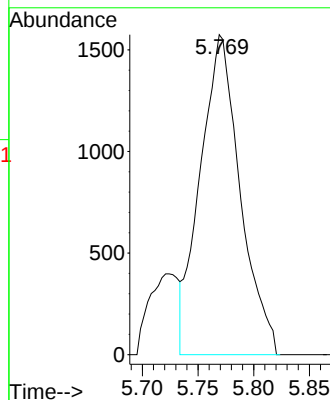
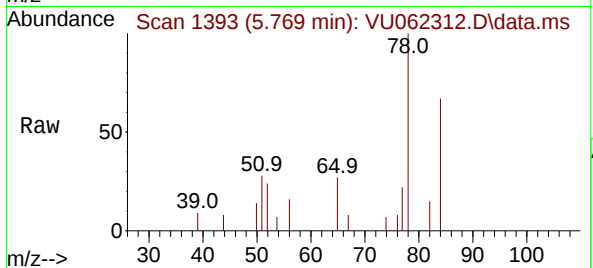
Acq: 13 Dec 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 3928



#35

Methylcyclohexane

Concen: 0.277 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062312.D

Acq: 13 Dec 2024 14:58

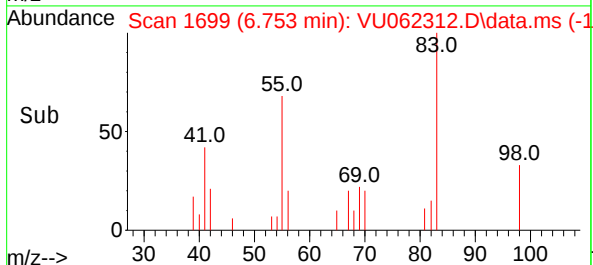
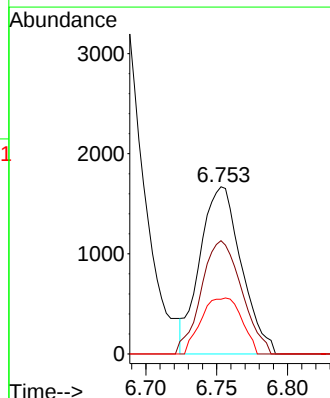
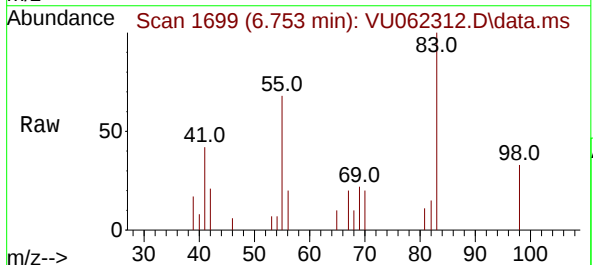
Tgt Ion: 83 Resp: 3386

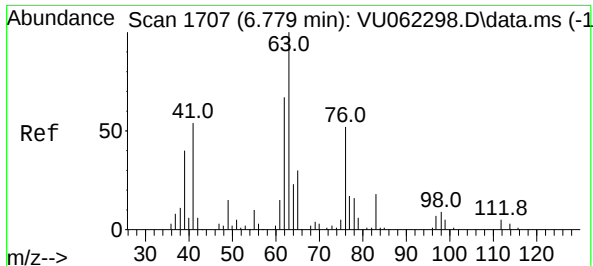
Ion Ratio Lower Upper

83 100

55 66.4 60.7 91.1

98 32.7 34.8 52.2#

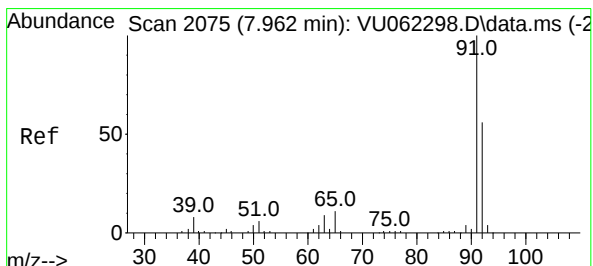
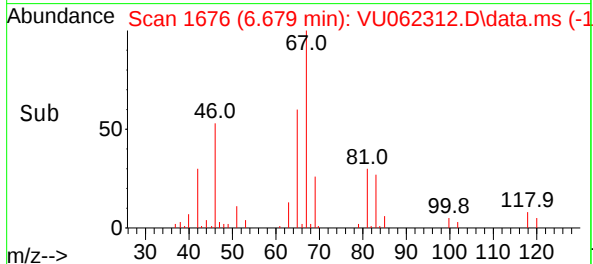
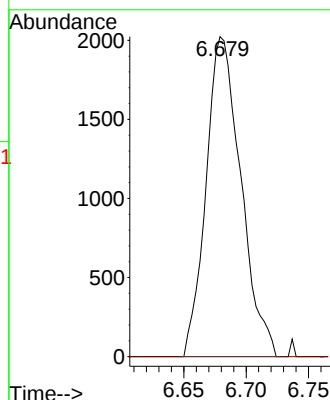
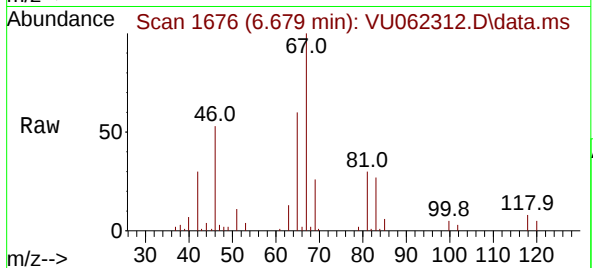




#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062312.D
Acq: 13 Dec 2024 14:58

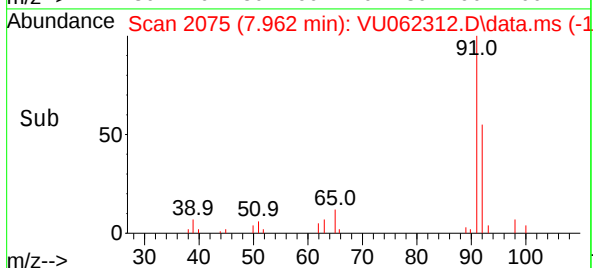
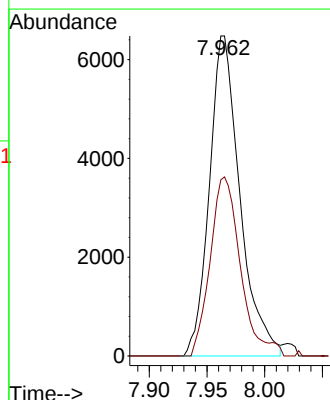
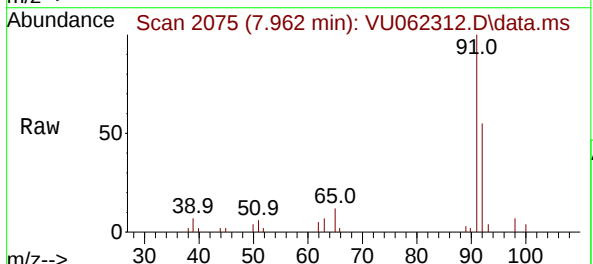
Instrument :
MSVOA_U
ClientSampleId :

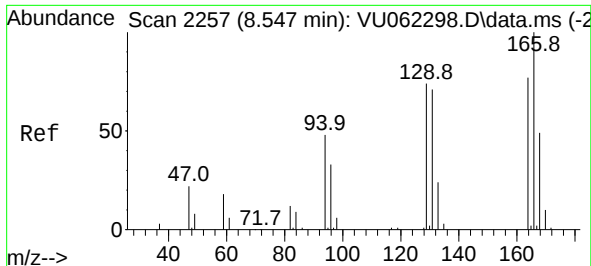
Tgt Ion: 63 Resp: 3930
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.381 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU062312.D
Acq: 13 Dec 2024 14:58

Tgt Ion: 91 Resp: 11928
Ion Ratio Lower Upper
91 100
92 55.1 39.0 72.4





#47

Tetrachloroethene

Concen: 21.875 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU062312.D

Acq: 13 Dec 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 139037

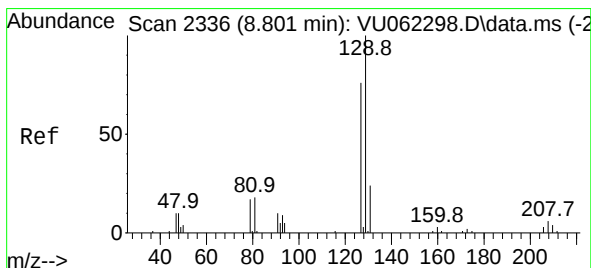
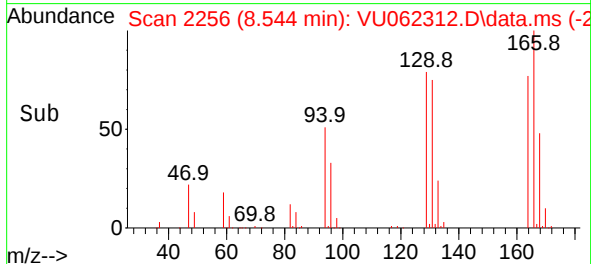
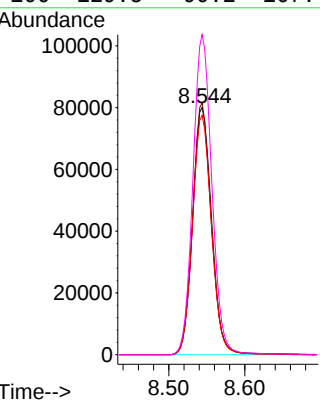
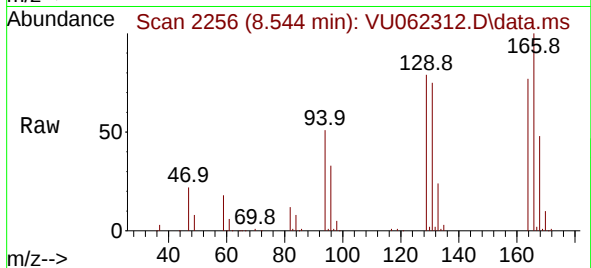
Ion Ratio Lower Upper

164 100

129 101.9 73.2 136.0

131 96.9 72.3 134.3

166 129.5 90.2 167.4



#49

Dibromochloromethane

Concen: 21.008 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU062312.D

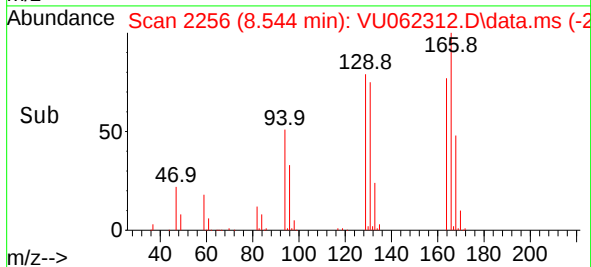
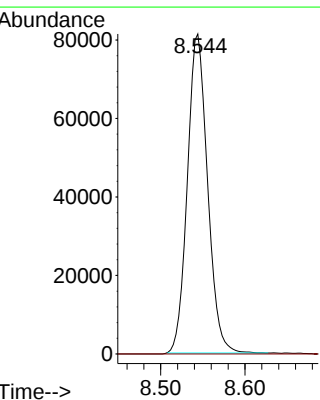
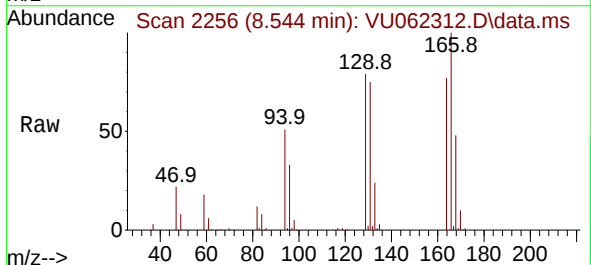
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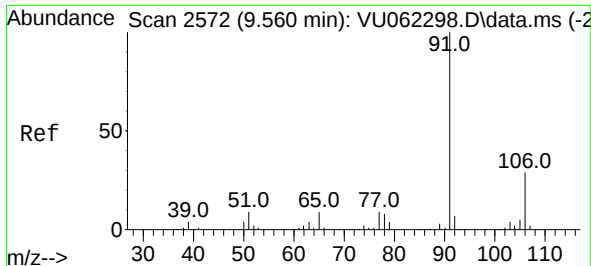
Tgt Ion:129 Resp: 135602

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#





#52

Ethylbenzene

Concen: 0.132 ug/L

RT: 9.566 min Scan# 2572

Delta R.T. 0.007 min

Lab File: VU062312.D

Acq: 13 Dec 2024 14:58

Instrument :

MSVOA_U

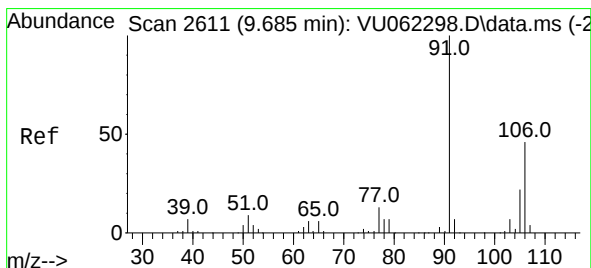
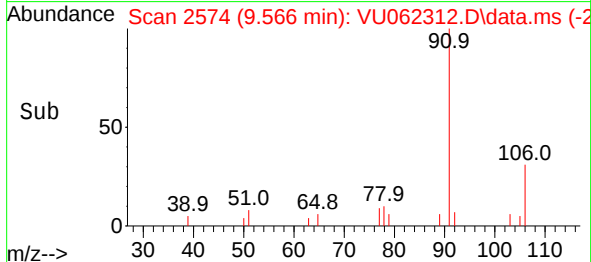
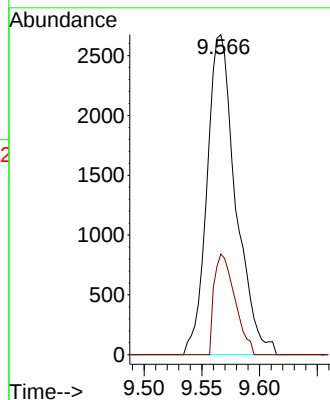
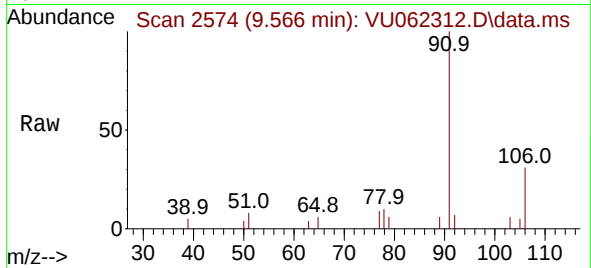
ClientSampleId :

Tgt Ion: 91 Resp: 4631

Ion Ratio Lower Upper

91 100

106 31.5 21.6 40.0



#53

m,p-Xylene

Concen: 0.205 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU062312.D

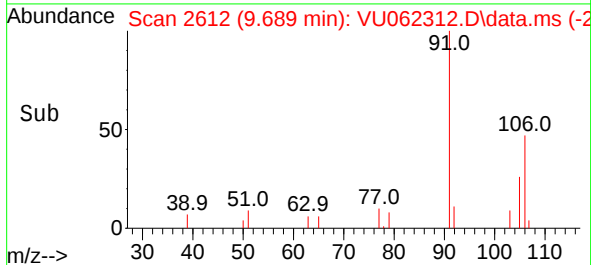
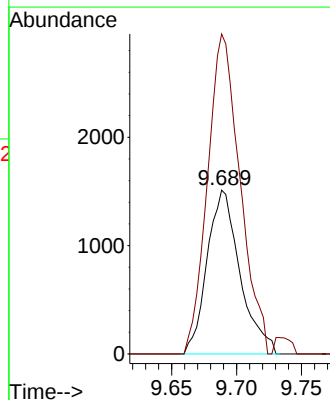
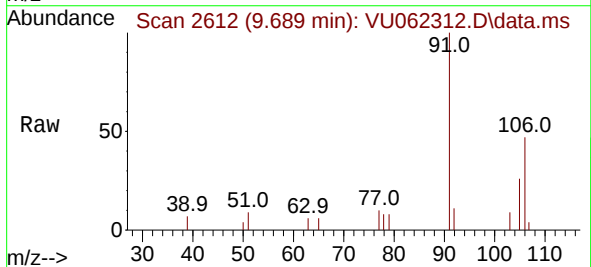
Acq: 13 Dec 2024 14:58

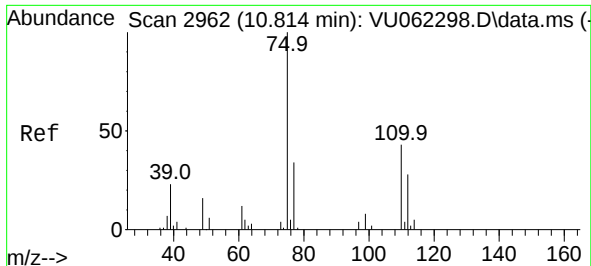
Tgt Ion: 106 Resp: 2655

Ion Ratio Lower Upper

106 100

91 195.4 147.6 274.0





#61

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 11.804 min Scan# 3165

Delta R.T. 0.990 min

Lab File: VU062312.D

Acq: 13 Dec 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :

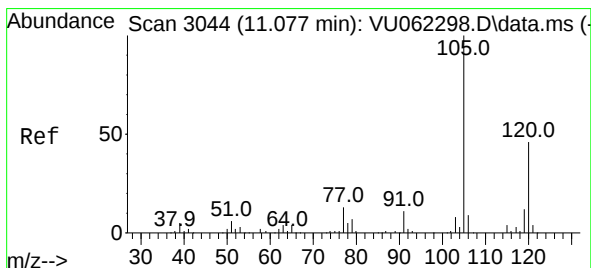
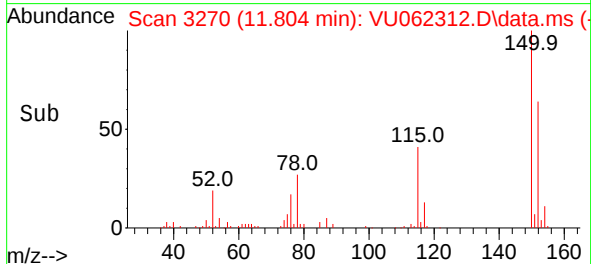
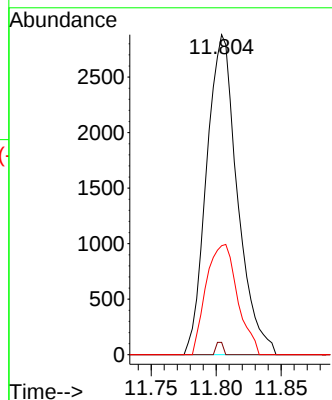
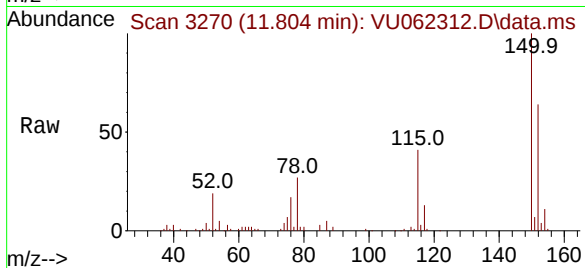
Tgt Ion: 75 Resp: 4753

Ion Ratio Lower Upper

75 100

110 0.9 28.9 43.3#

77 34.9 26.5 39.7



#62

1,3,5-Trimethylbenzene

Concen: 0.099 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.389 min

Lab File: VU062312.D

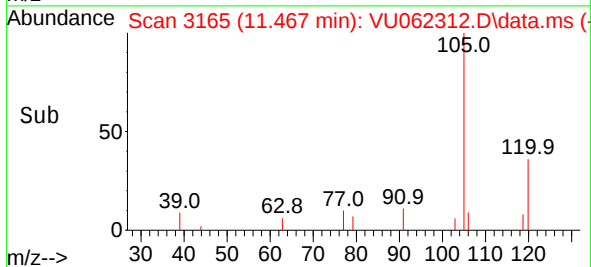
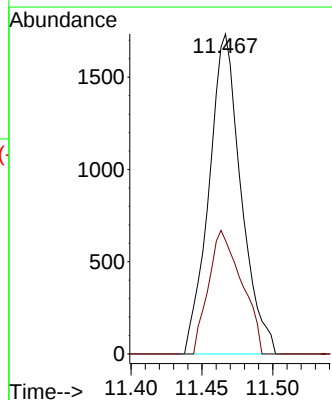
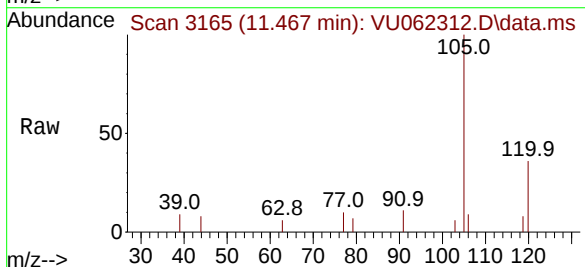
Acq: 13 Dec 2024 14:58

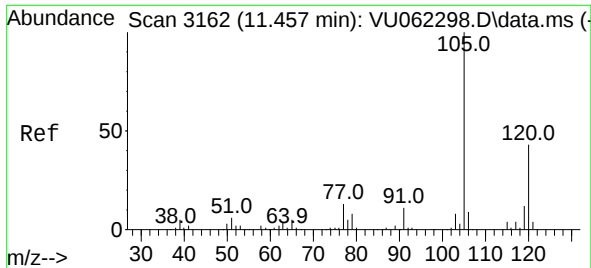
Tgt Ion:105 Resp: 2733

Ion Ratio Lower Upper

105 100

120 39.8 36.7 55.1





#63

1,2,4-Trimethylbenzene

Concen: 0.101 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.010 min

Lab File: VU062312.D

Acq: 13 Dec 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105 Resp: 2733

Ion Ratio Lower Upper

105 100

120 39.8 34.7 52.1

