

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046910.D
 Acq On : 31 Jan 2022 12:11
 Operator : SY/MD
 Sample : N1260-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:24:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	120032	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	132326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	60807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56307	5.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.922	69	41782	5.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.572	65	21722	5.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%
20) 2-Butanone-d5	4.658	46	135384	44.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.860%
24) Chloroform-d	5.070	84	80998	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.706	65	46557	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.732	84	167284	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.694	67	52838	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.903	98	132371	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.182	79	20088	3.917	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.648	63	116119	38.242	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.480%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47699	4.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	48245	4.231	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	609	0.087	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	18064	2.695	ug/L #	75
17) Methyl tert-butyl Ether	3.372	73	6320	0.336	ug/L #	91
18) trans-1,2-Dichloroethene	3.359	96	1625	0.224	ug/L	90
19) 1,1-Dichloroethane	3.877	63	6875	0.564	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	14862	1.941	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	4104	0.344	ug/L	94
34) Trichloroethene	6.546	95	56002	6.923	ug/L	98
35) Methylcyclohexane	6.694	83	11972	0.884	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5294	0.693	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1340	0.112	ug/L #	61
47) Tetrachloroethene	8.555	164	21144	3.214	ug/L	93
49) Dibromochloromethane	8.555	129	19712	2.570	ug/L #	10
52) Ethylbenzene	9.571	91	2944	0.083	ug/L	92
53) m,p-Xylene	9.697	106	3801	0.269	ug/L	92
62) 1,3,5-Trimethylbenzene	11.472	105	2589	0.111	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	2589	0.108	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 01 00:23:47 2022
Response via : Initial Calibration

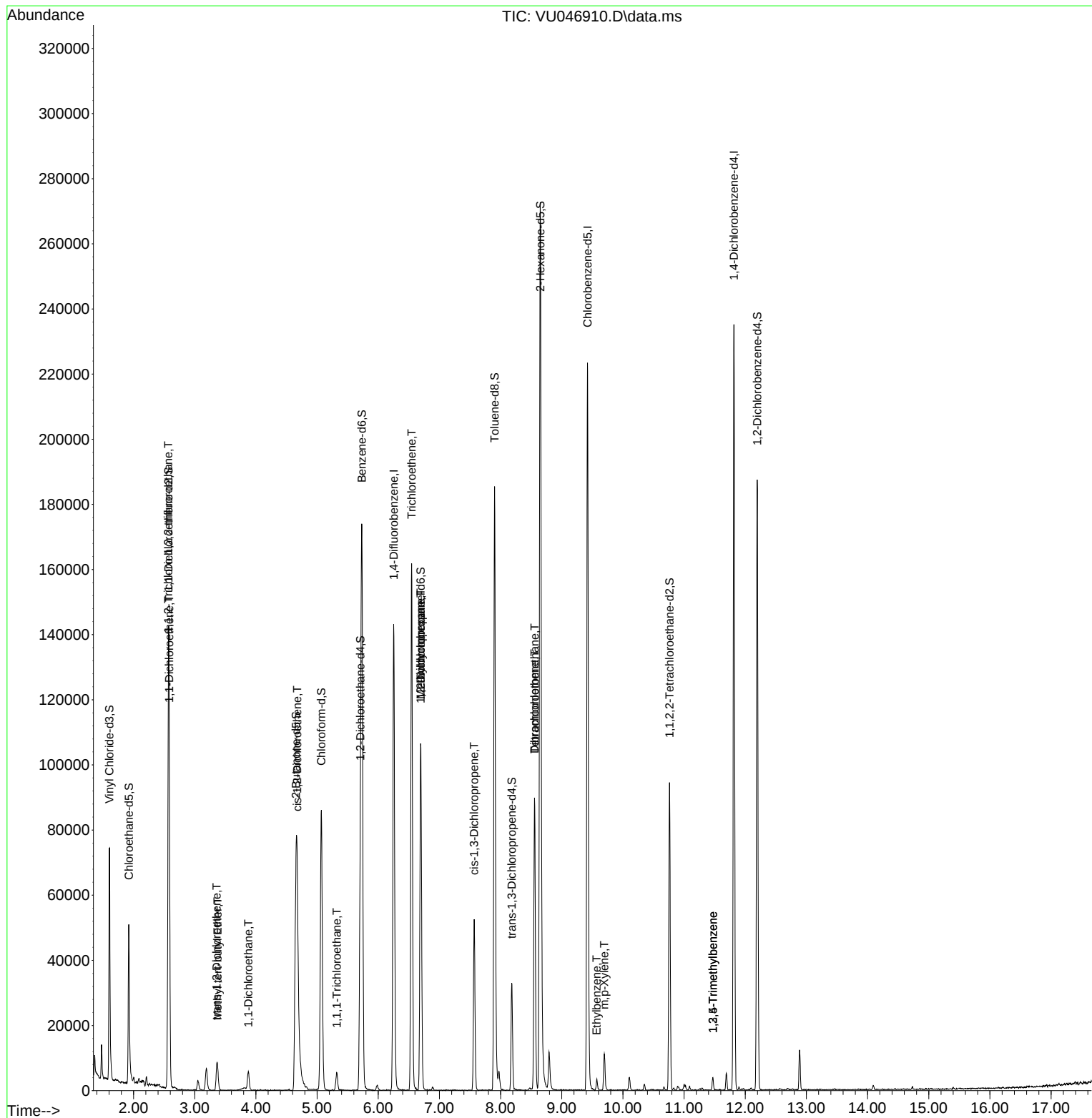
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

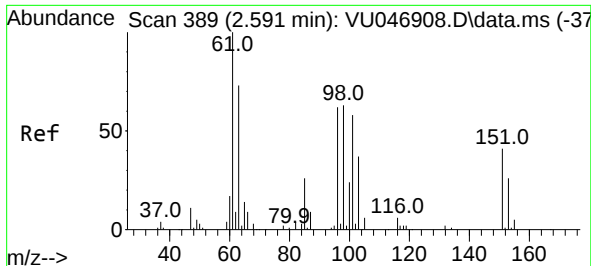
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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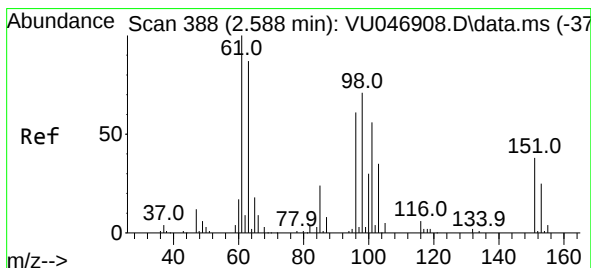
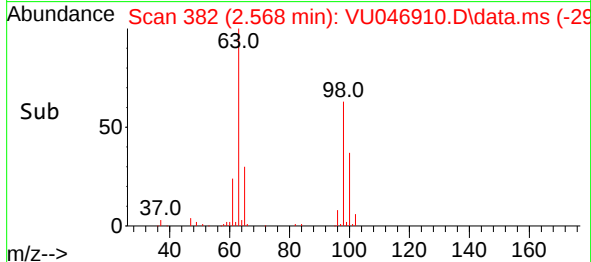
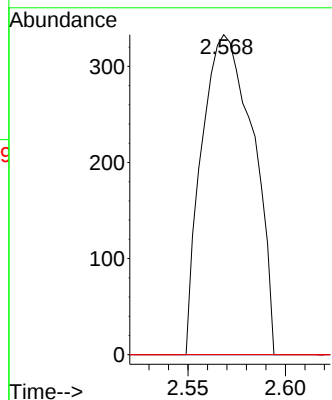
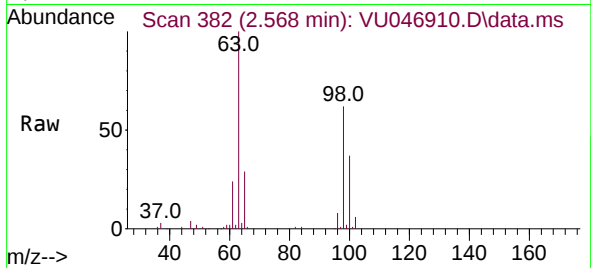




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.087 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: VU046910.D
 Acq: 31 Jan 2022 12:11

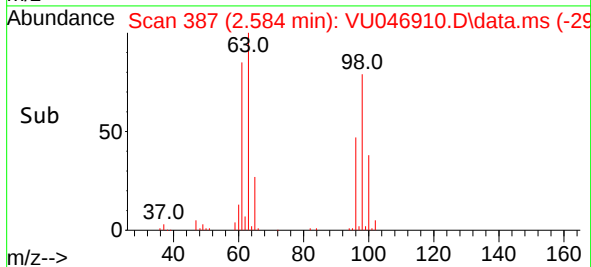
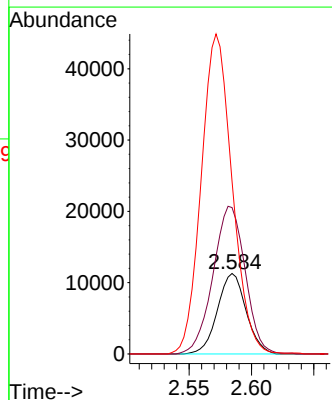
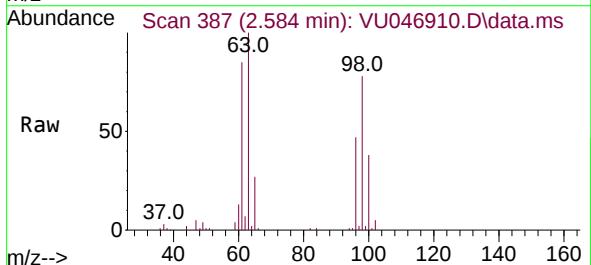
Instrument :
 MSVOA_U
 ClientSampleId :

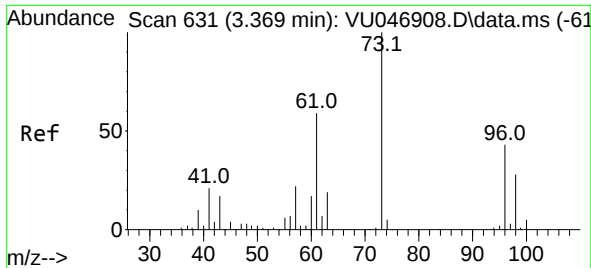
Tgt Ion:101 Resp: 609
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 2.695 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046910.D
 Acq: 31 Jan 2022 12:11

Tgt Ion: 96 Resp: 18064
 Ion Ratio Lower Upper
 96 100
 61 181.8 124.7 231.5
 63 214.7 105.2 195.4#





#17

Methyl tert-butyl Ether

Concen: 0.336 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU046910.D

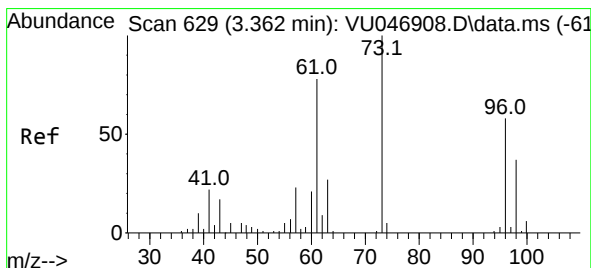
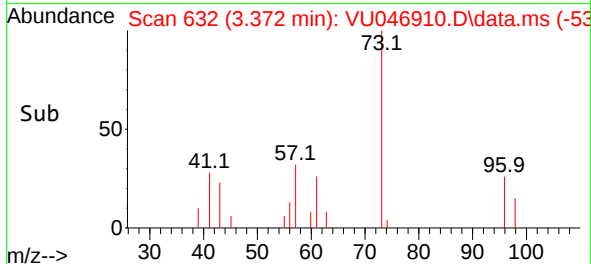
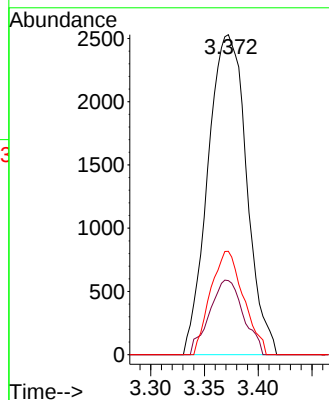
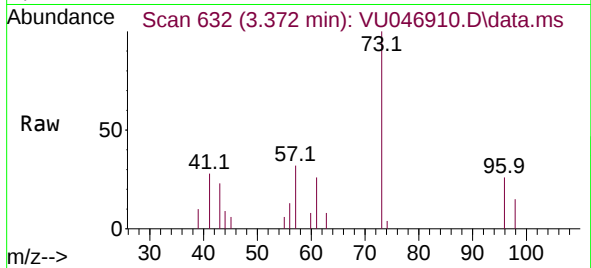
Acq: 31 Jan 2022 12:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 6320
Ion Ratio	Lower Upper
73	100
43	20.5 14.8 22.2
57	27.7 17.4 26.0#



#18

trans-1,2-Dichloroethene

Concen: 0.224 ug/L

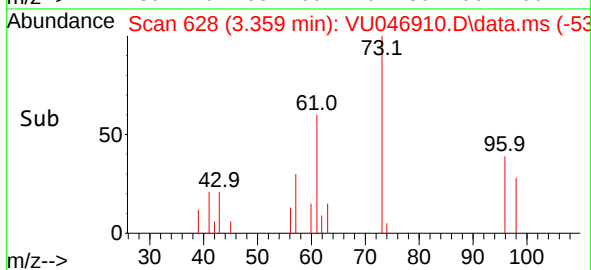
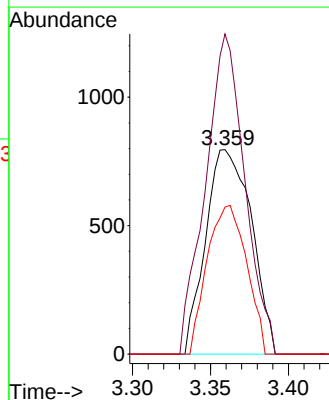
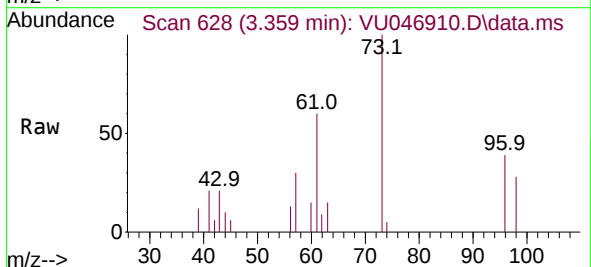
RT: 3.359 min Scan# 628

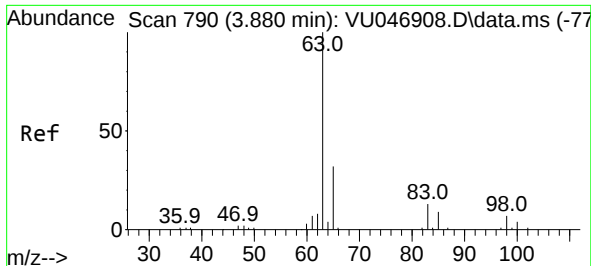
Delta R.T. -0.003 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

Tgt Ion: 96	Resp: 1625
Ion Ratio	Lower Upper
96	100
61	156.5 100.8 187.2
98	71.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.564 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

Instrument :

MSVOA_U

ClientSampleId :

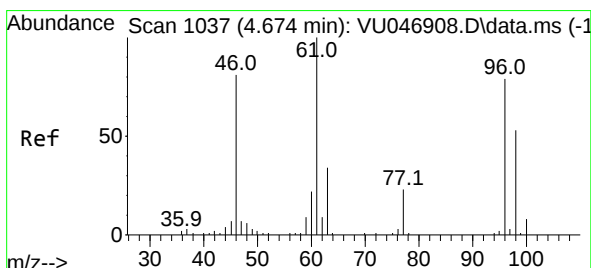
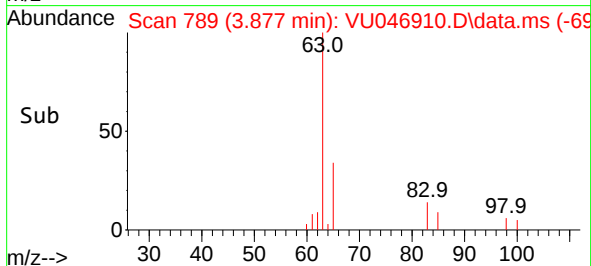
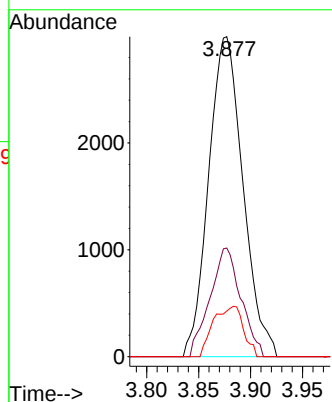
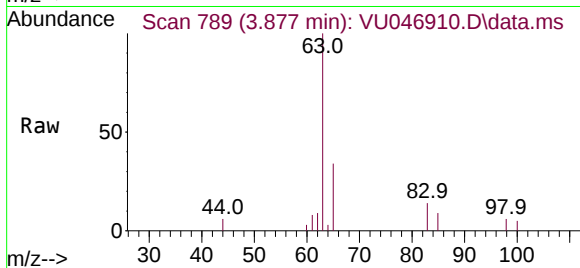
Tgt Ion: 63 Resp: 6875

Ion Ratio Lower Upper

63 100

65 34.0 22.3 41.5

83 14.3 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 1.941 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

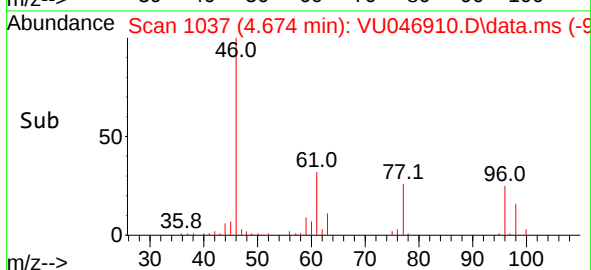
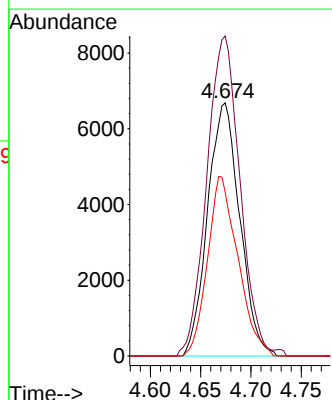
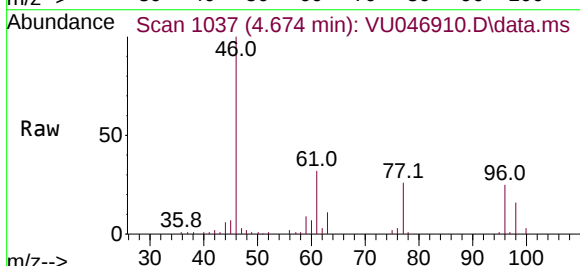
Tgt Ion: 96 Resp: 14862

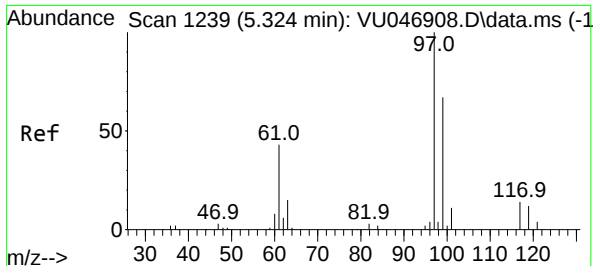
Ion Ratio Lower Upper

96 100

61 126.4 88.5 164.3

98 64.8 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.344 ug/L

RT: 5.321 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

Instrument :

MSVOA_U

ClientSampleId :

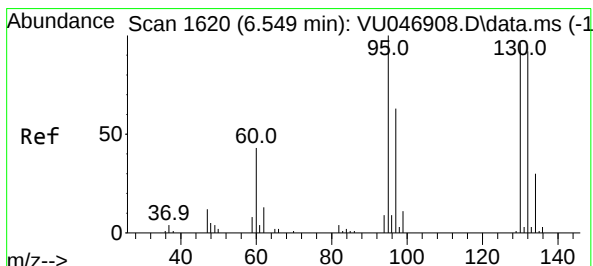
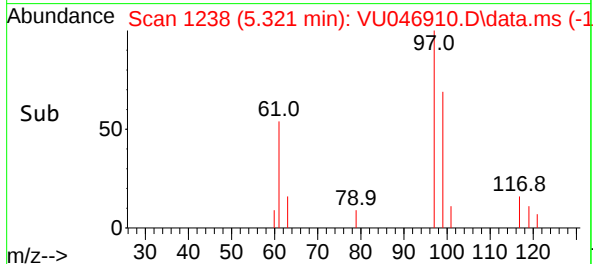
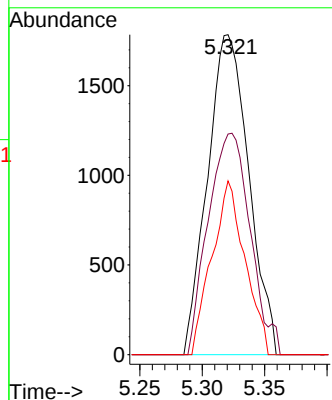
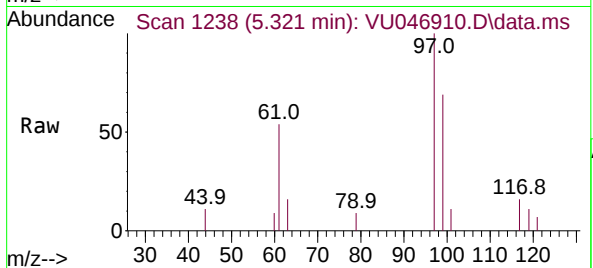
Tgt Ion: 97 Resp: 4104

Ion Ratio Lower Upper

97 100

99 70.7 51.3 76.9

61 43.7 36.1 54.1



#34

Trichloroethene

Concen: 6.923 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

Tgt Ion: 95 Resp: 56002

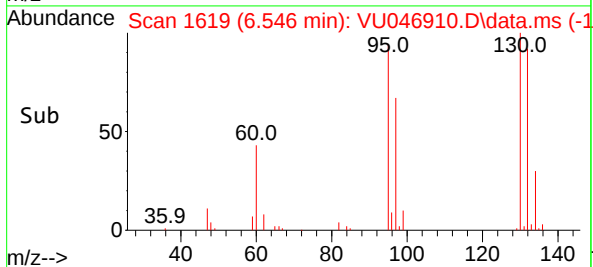
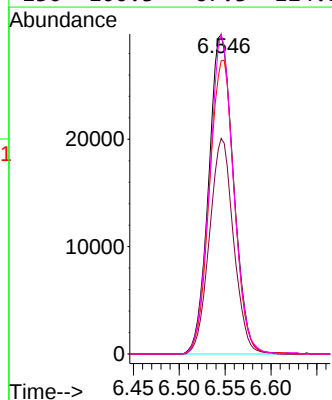
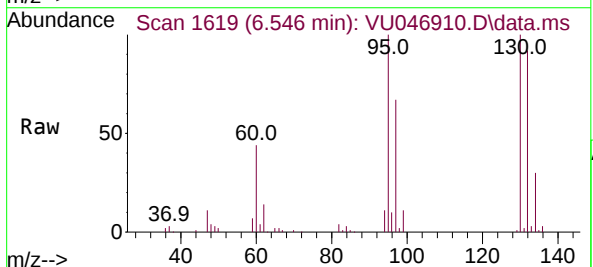
Ion Ratio Lower Upper

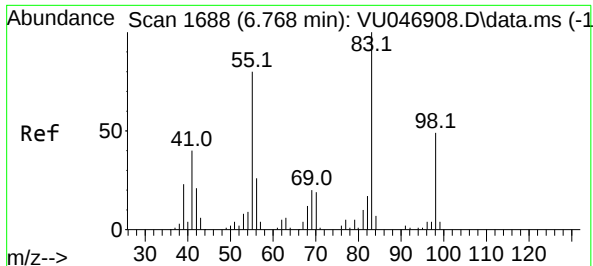
95 100

97 67.6 46.5 86.5

132 91.8 65.1 120.9

130 100.3 67.3 124.9

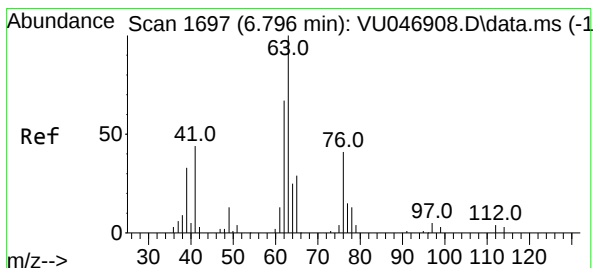
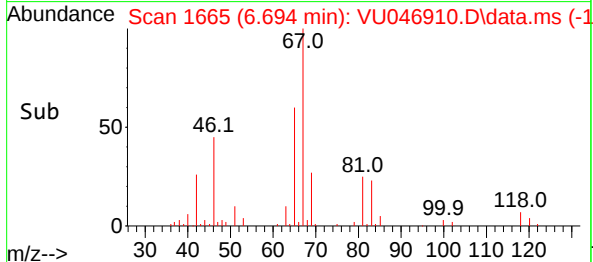
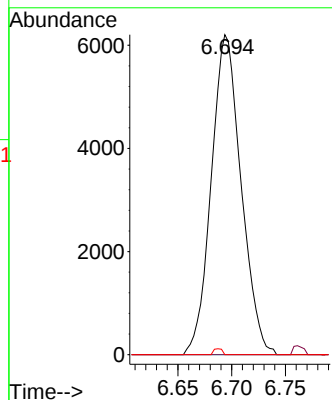
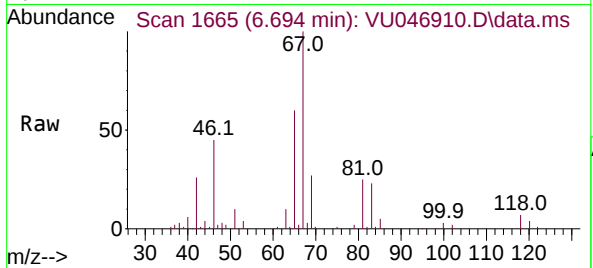




#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

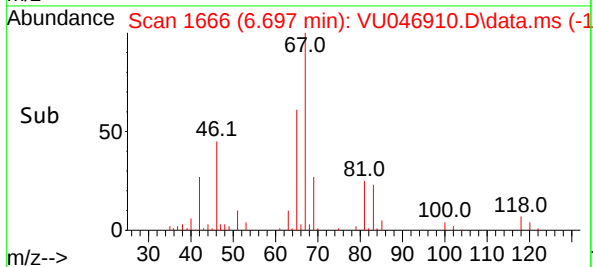
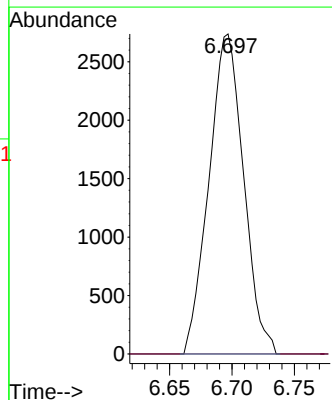
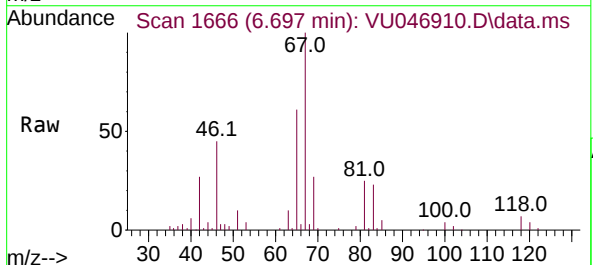
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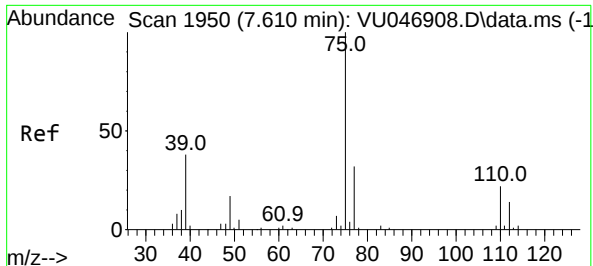
Tgt Ion: 83 Resp: 11972
Ion Ratio Lower Upper
83 100
55 1.0 61.9 92.9#
98 0.5 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

Tgt Ion: 63 Resp: 5294
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

Instrument :

MSVOA_U

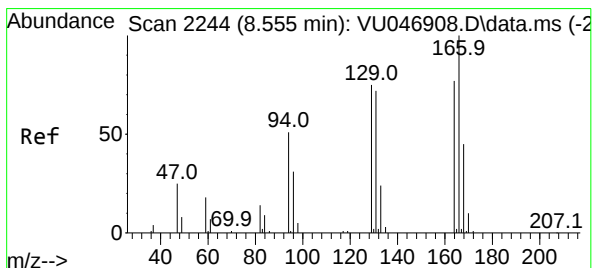
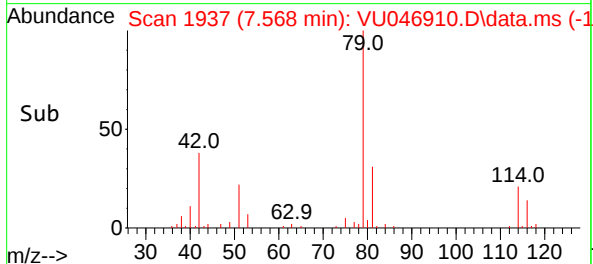
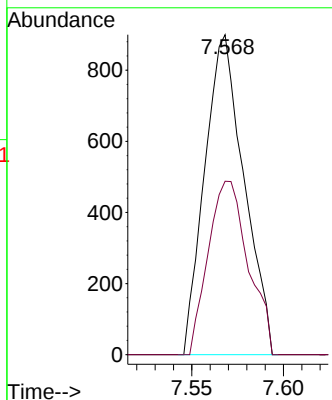
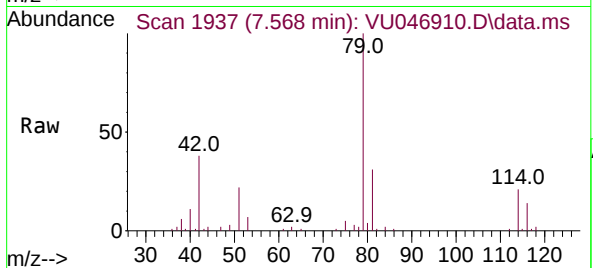
ClientSampleId :

Tgt Ion: 75 Resp: 1340

Ion Ratio Lower Upper

75 100

77 54.2 22.5 41.9#



#47

Tetrachloroethene

Concen: 3.214 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046910.D

Acq: 31 Jan 2022 12:11

Tgt Ion: 164 Resp: 21144

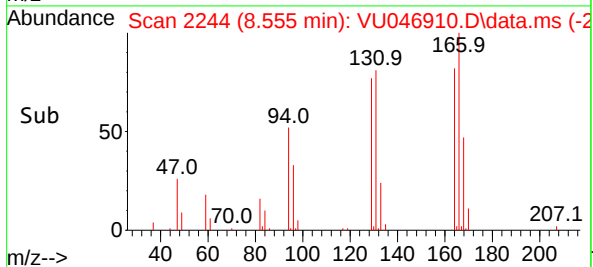
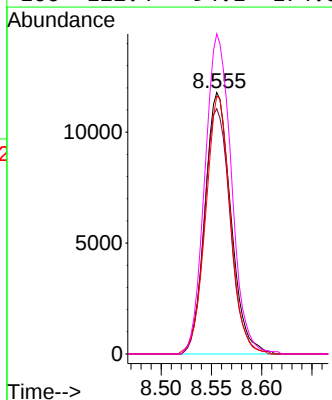
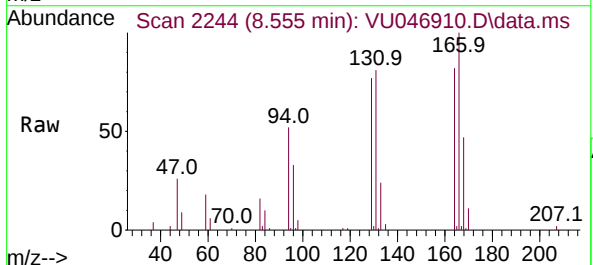
Ion Ratio Lower Upper

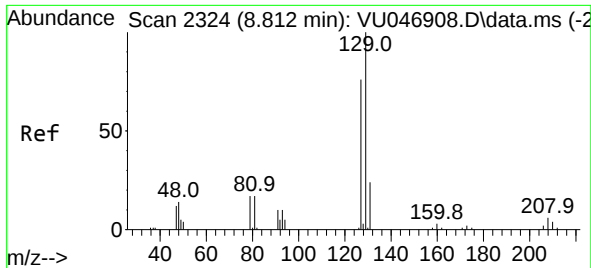
164 100

129 93.8 71.8 133.4

131 98.7 68.5 127.3

166 122.4 94.1 174.8

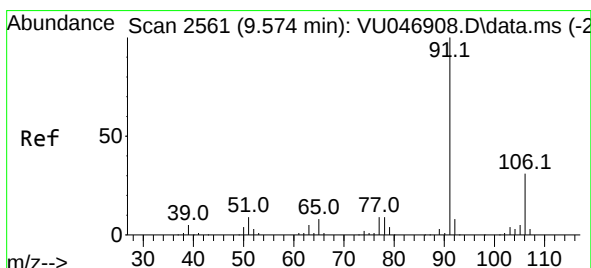
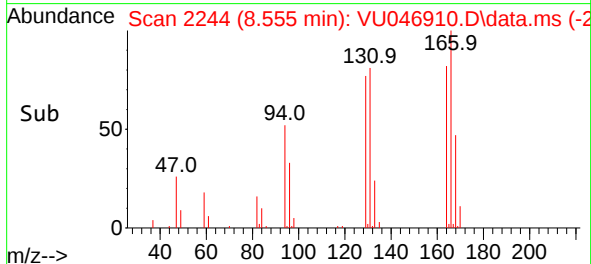
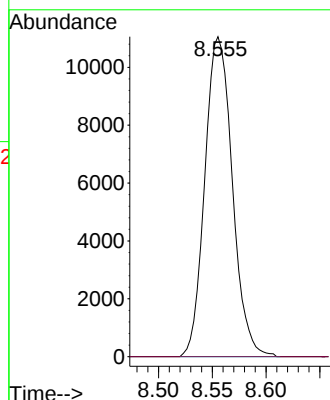
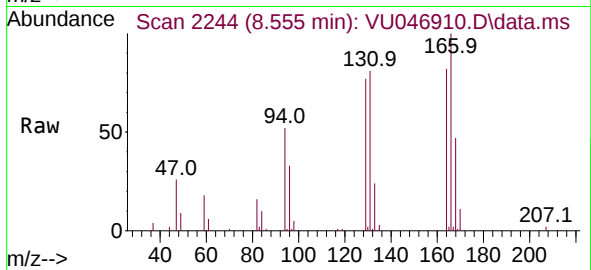




#49
Dibromochloromethane
Concen: 2.570 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

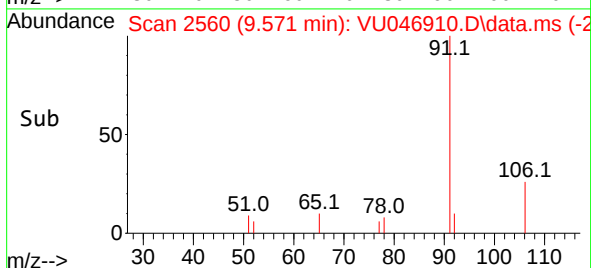
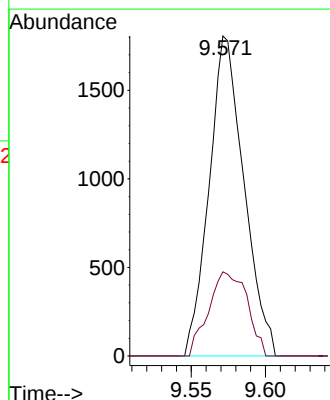
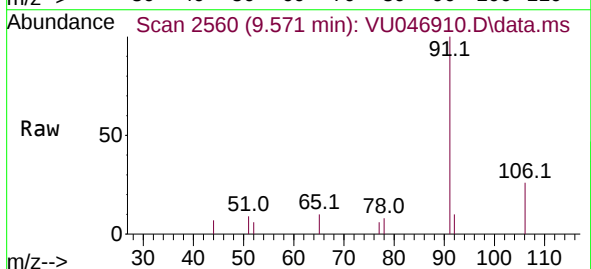
Instrument :
MSVOA_U
ClientSampleId :

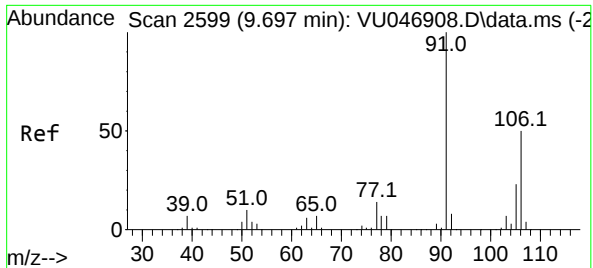
Tgt Ion:129 Resp: 19712
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

Tgt Ion: 91 Resp: 2944
Ion Ratio Lower Upper
91 100
106 26.3 21.5 39.9

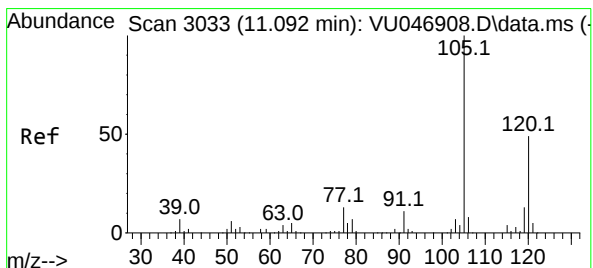
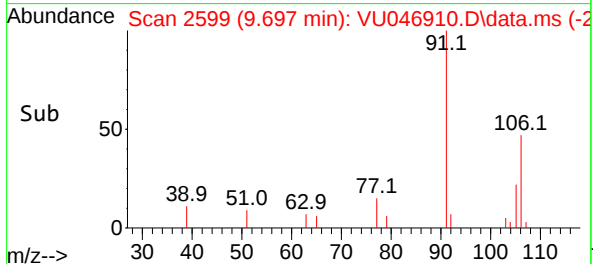
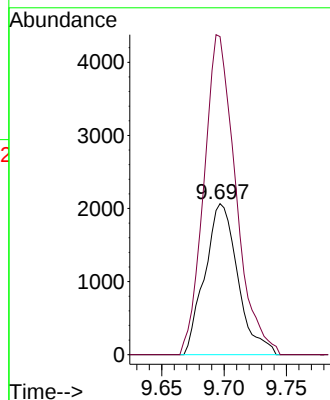
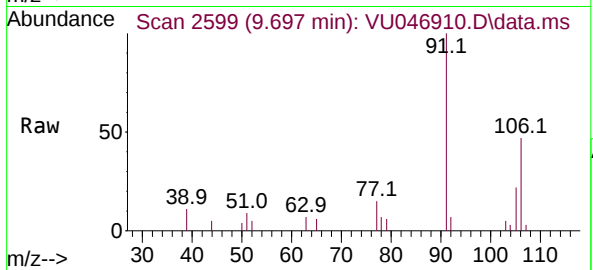




#53
m,p-Xylene
Concen: 0.269 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

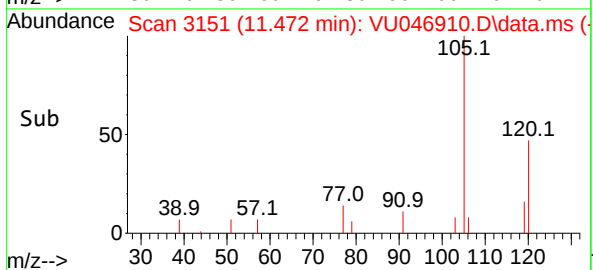
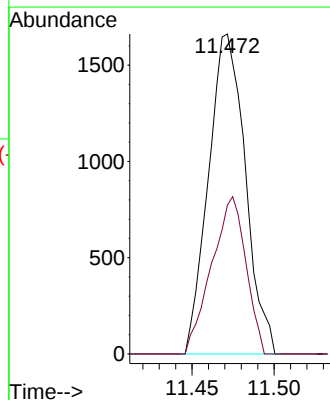
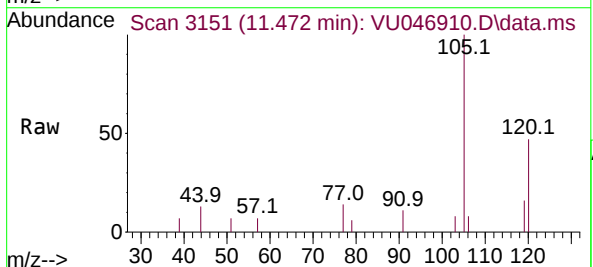
Instrument :
MSVOA_U
ClientSampleId :

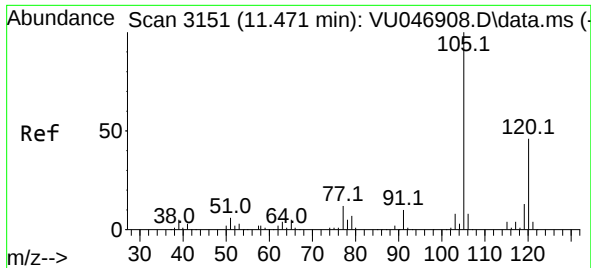
Tgt Ion:106 Resp: 3801
Ion Ratio Lower Upper
106 100
91 210.6 139.4 259.0



#62
1,3,5-Trimethylbenzene
Concen: 0.111 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.379 min
Lab File: VU046910.D
Acq: 31 Jan 2022 12:11

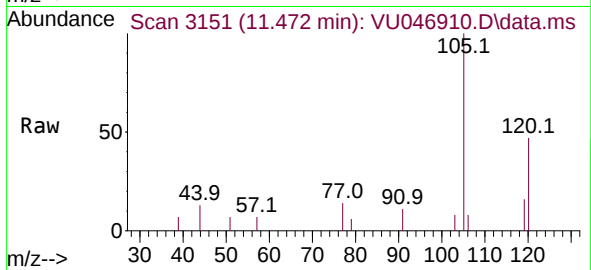
Tgt Ion:105 Resp: 2589
Ion Ratio Lower Upper
105 100
120 45.7 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.108 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU046910.D
 Acq: 31 Jan 2022 12:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 2589
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.8 53.8

