

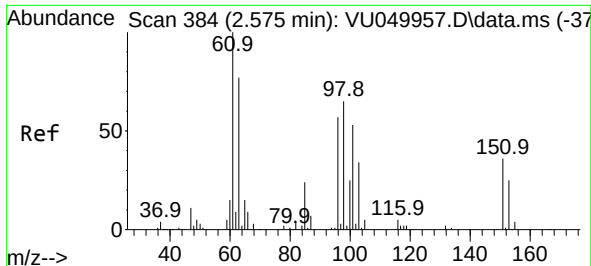
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049969.D
 Acq On : 28 Jul 2022 00:42
 Operator : SY/MD
 Sample : N3922-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB3

Quant Time: Jul 28 03:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45953	5.801	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 116.000%		
7) Chloroethane-d5	1.912	69	33994	5.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 119.400%		
11) 1,1-Dichloroethene-d2	2.565	65	16664	6.104	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 122.000%		
20) 2-Butanone-d5	4.636	46	100591	57.047	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.100%		
24) Chloroform-d	5.063	84	72217	5.509	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.200%		
26) 1,2-Dichloroethane-d4	5.703	65	37118	5.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.400%		
32) Benzene-d6	5.729	84	149440	5.627	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 112.600%		
36) 1,2-Dichloropropane-d6	6.690	67	49326	5.670	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 113.400%		
41) Toluene-d8	7.899	98	122038	5.170	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.400%		
43) trans-1,3-Dichloroprop...	8.182	79	15861	5.202	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.000%		
46) 2-Hexanone-d5	8.636	63	56278	49.304	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 98.600%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40943	5.601	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	39941	5.973	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 119.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	430	0.078	ug/L #	21
35) Methylcyclohexane	6.687	83	10635	1.265	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4794	0.663	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	888	0.095	ug/L #	71
48) 2-Hexanone	8.684	43	19085	5.994	ug/L #	86
55) Styrene	10.118	104	3150	0.192	ug/L	95
60) Isopropylbenzene	11.478	105	1734	0.081	ug/L #	1
61) 1,2,3-Trichloropropane	11.812	75	4518	1.079	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.478	105	1734	0.100	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.478	105	1734	0.103	ug/L #	32

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.565 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU049969.D

Acq: 28 Jul 2022 00:42

Instrument :

MSVOA_U

ClientSampleId :

C0CB3

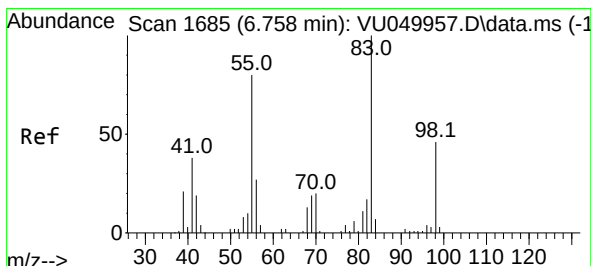
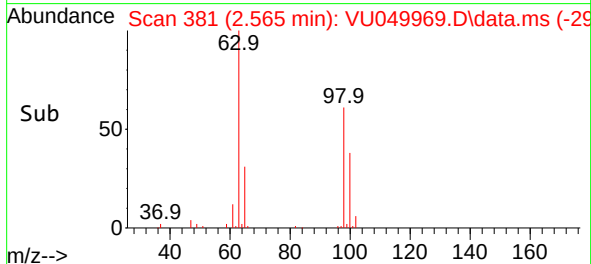
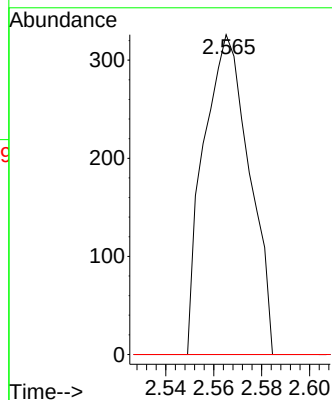
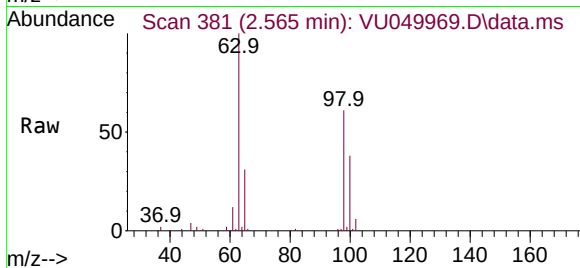
Tgt Ion:101 Resp: 430

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 56.6 85.0#



#35

Methylcyclohexane

Concen: 1.265 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU049969.D

Acq: 28 Jul 2022 00:42

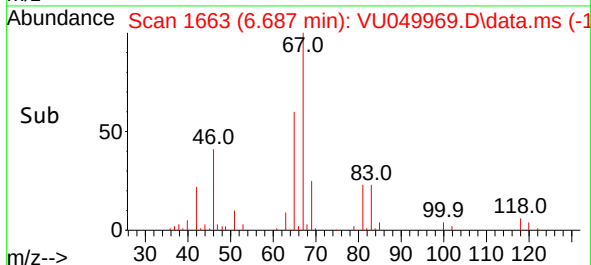
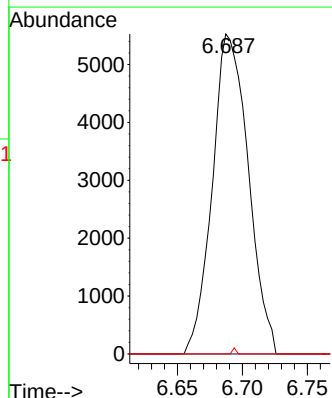
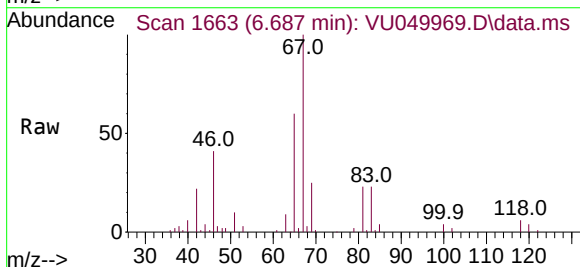
Tgt Ion: 83 Resp: 10635

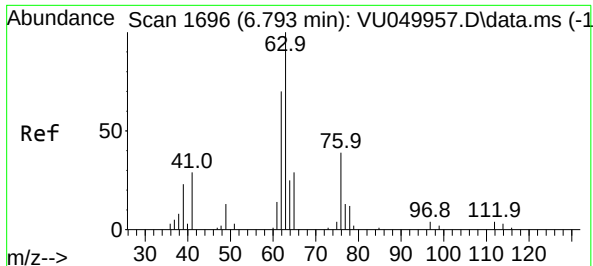
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.2 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049969.D

Acq: 28 Jul 2022 00:42

Instrument :

MSVOA_U

ClientSampleId :

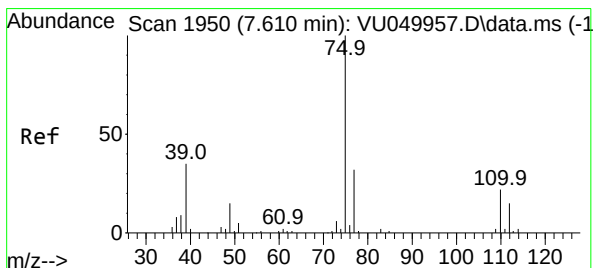
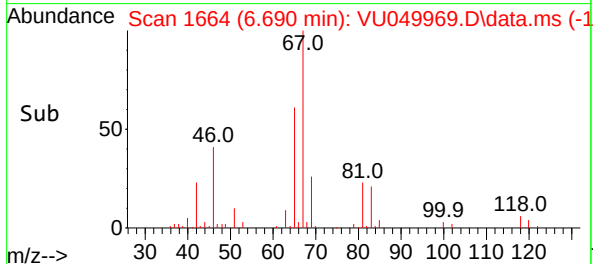
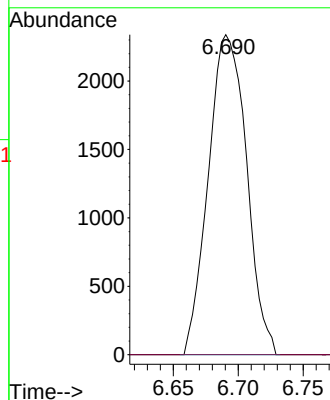
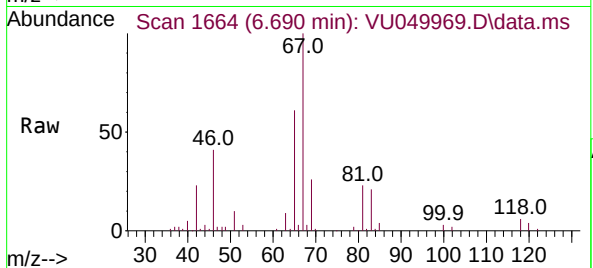
C0CB3

Tgt Ion: 63 Resp: 4794

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049969.D

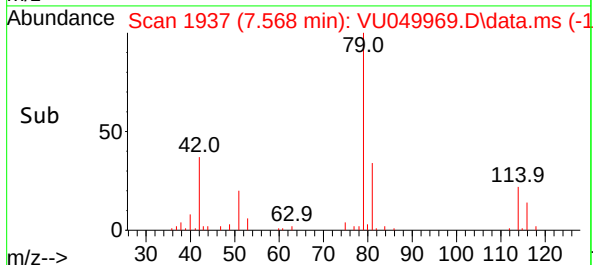
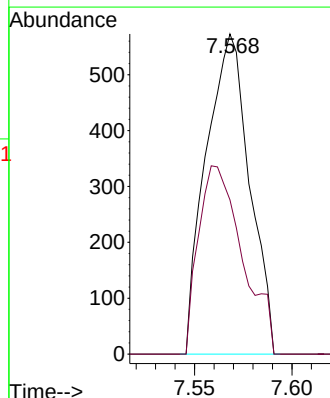
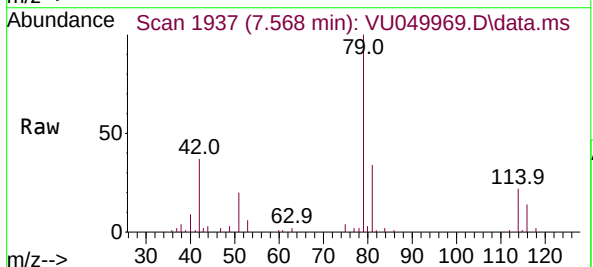
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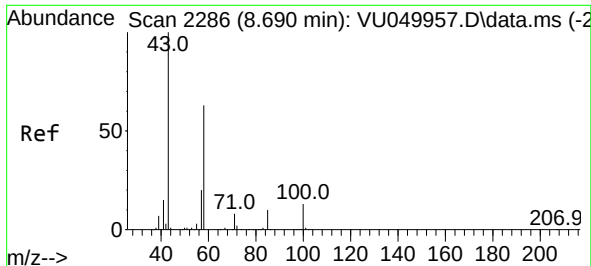
Tgt Ion: 75 Resp: 888

Ion Ratio Lower Upper

75 100

77 48.2 22.5 41.9#

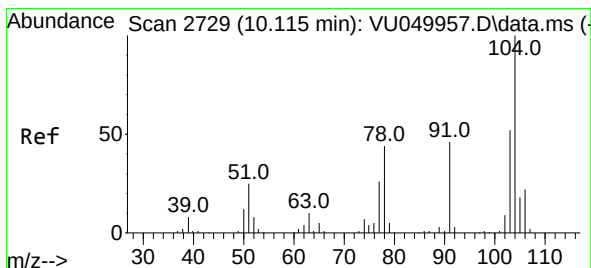
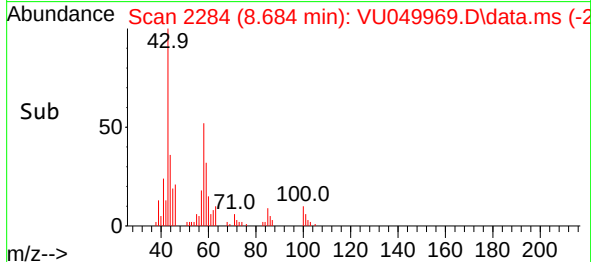
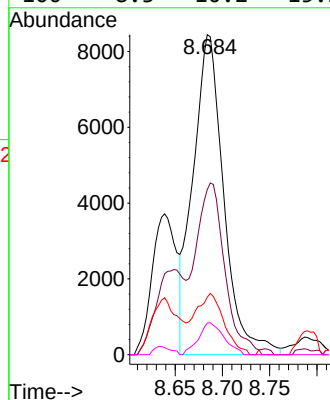
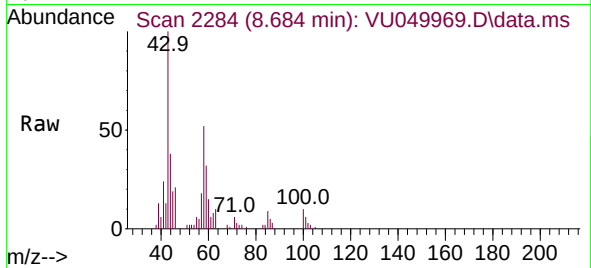




#48
2-Hexanone
Concen: 5.994 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU049969.D
Acq: 28 Jul 2022 00:42

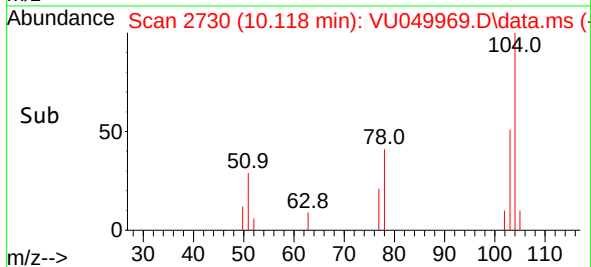
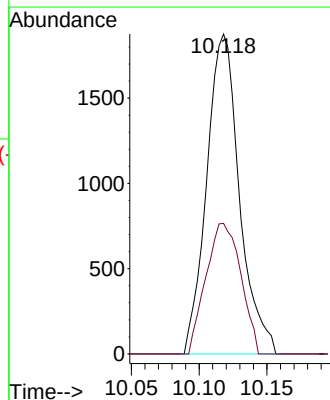
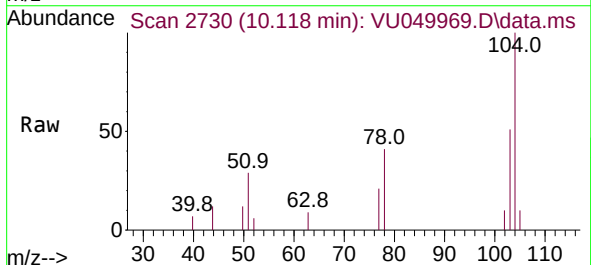
Instrument :
MSVOA_U
ClientSampleId :
C0CB3

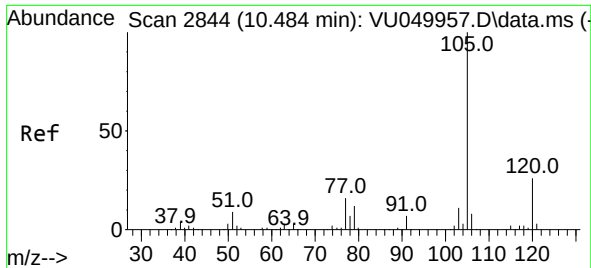
Tgt Ion: 43 Resp: 19085
Ion Ratio Lower Upper
43 100
58 48.3 49.4 74.0#
57 18.1 17.0 25.4
100 8.3 10.2 15.2#



#55
Styrene
Concen: 0.192 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU049969.D
Acq: 28 Jul 2022 00:42

Tgt Ion: 104 Resp: 3150
Ion Ratio Lower Upper
104 100
78 40.8 30.9 57.3

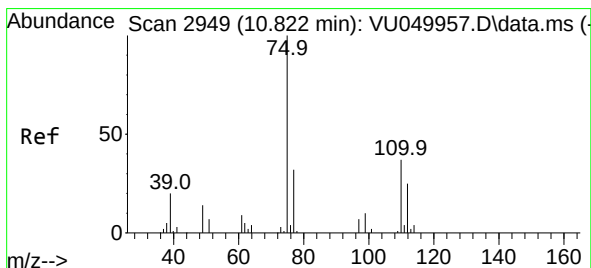
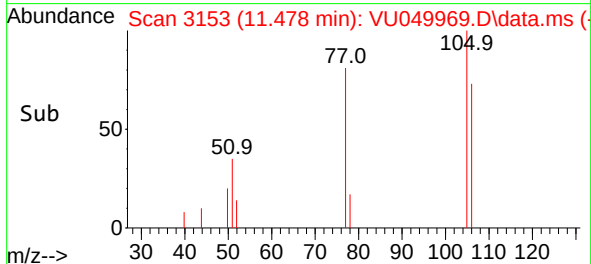
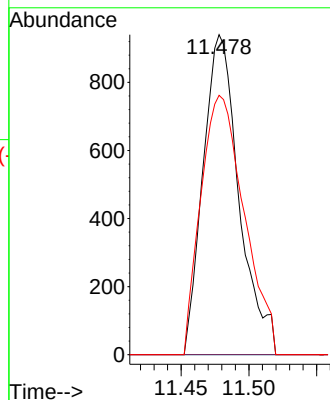
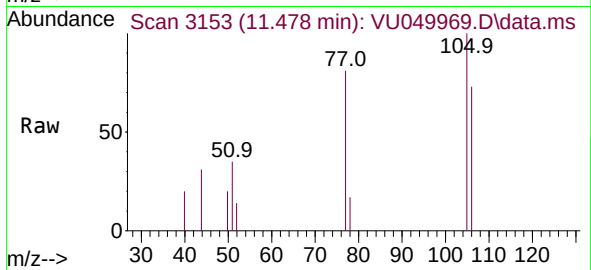




#60
Isopropylbenzene
Concen: 0.081 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.994 min
Lab File: VU049969.D
Acq: 28 Jul 2022 00:42

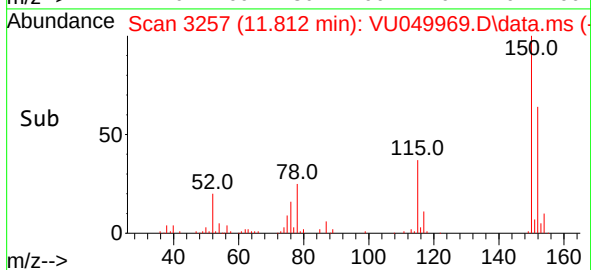
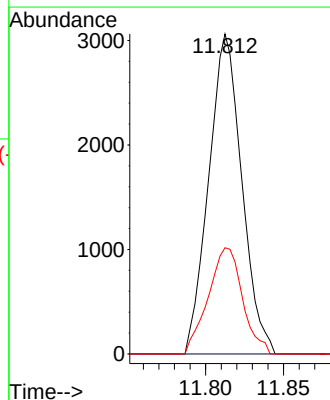
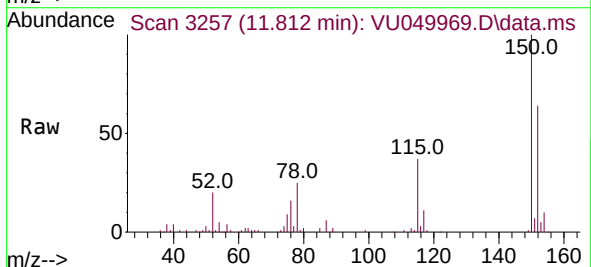
Instrument :
MSVOA_U
ClientSampleId :
C0CB3

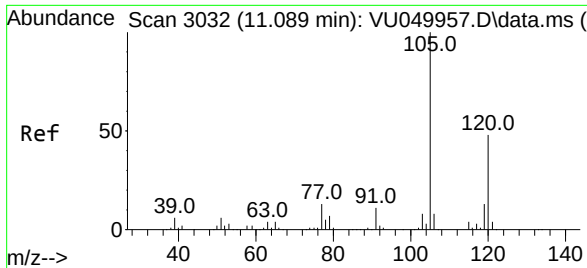
Tgt Ion:105 Resp: 1734
Ion Ratio Lower Upper
105 100
120 0.0 20.5 30.7#
77 97.7 12.6 18.8#



#61
1,2,3-Trichloropropane
Concen: 1.079 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049969.D
Acq: 28 Jul 2022 00:42

Tgt Ion: 75 Resp: 4518
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 34.4 24.7 37.1

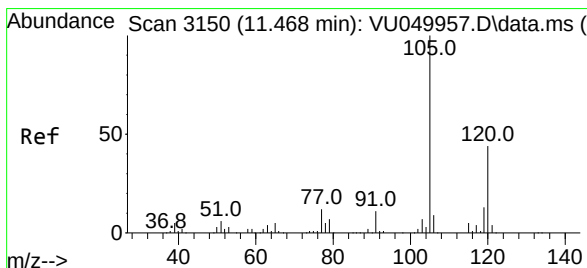
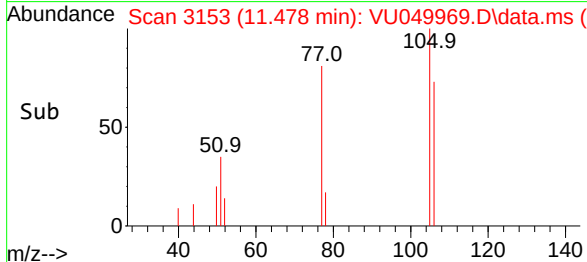
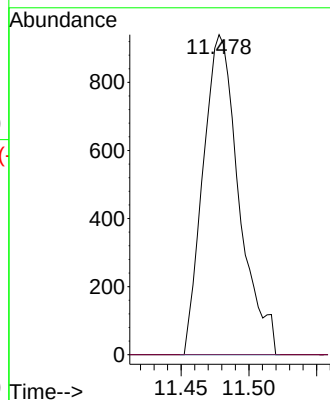
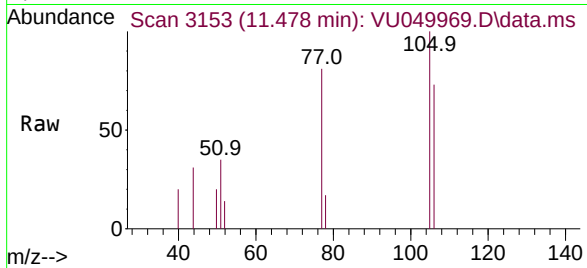




#62
 1,3,5-Trimethylbenzene
 Concen: 0.100 ug/L
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.389 min
 Lab File: VU049969.D
 Acq: 28 Jul 2022 00:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB3

Tgt Ion:105 Resp: 1734
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.2 57.4#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.103 ug/L
 RT: 11.478 min Scan# 3153
 Delta R.T. 0.010 min
 Lab File: VU049969.D
 Acq: 28 Jul 2022 00:42

Tgt Ion:105 Resp: 1734
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.4 53.2#

