

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050095.D
 Acq On : 05 Aug 2022 14:37
 Operator : SY/MD
 Sample : N4022-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:35:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79752	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30265	4.560	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.912	69	26304	4.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.565	65	11719	4.518	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	4.629	46	87190	53.871	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.740%	
24) Chloroform-d	5.067	84	63768	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
26) 1,2-Dichloroethane-d4	5.703	65	33044	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.729	84	129050	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
36) 1,2-Dichloropropane-d6	6.694	67	43309	5.415	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.200%	
41) Toluene-d8	7.899	98	102961	4.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
43) trans-1,3-Dichloroprop...	8.179	79	14643	5.109	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5	8.636	63	55311	54.420	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.840%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	38375	5.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37000	5.712	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	15436	1.802	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	273	0.052	ug/L #	22
18) trans-1,2-Dichloroethene	3.353	96	9530	1.544	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	4861	0.710	ug/L	95
25) Chloroform	5.096	83	100	0.008	ug/L	83
33) Benzene	5.777	78	12233	0.449	ug/L	100
34) Trichloroethene	6.542	95	5363	0.813	ug/L	97
35) Methylcyclohexane	6.690	83	9604	1.128	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4440	0.611	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	876	0.092	ug/L #	62
42) Toluene	7.970	91	24917	0.911	ug/L	97
49) Dibromochloromethane	8.562	129	355	0.059	ug/L #	10
52) Ethylbenzene	9.571	91	10582	0.397	ug/L	96
53) m,p-Xylene	9.693	106	9094	0.925	ug/L	98
54) o-Xylene	10.099	106	2454	0.250	ug/L	97
61) 1,2,3-Trichloropropane	11.812	75	4104	0.911	ug/L #	52
62) 1,3,5-Trimethylbenzene	11.089	105	1576	0.253	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	6141	0.361	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
Data File : VU050095.D
Acq On : 05 Aug 2022 14:37
Operator : SY/MD
Sample : N4022-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

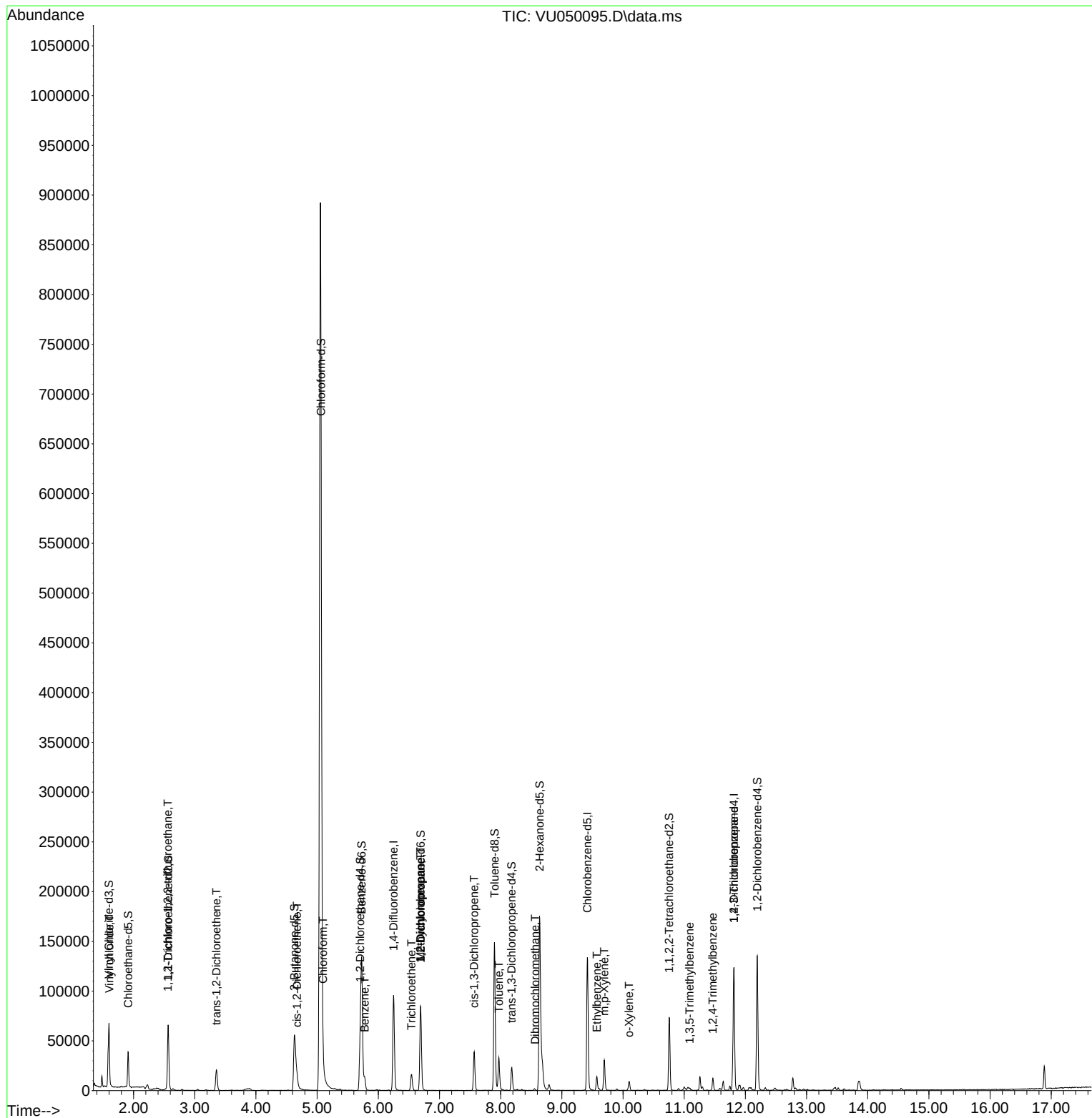
Instrument :
MSVOA_U
ClientSampleId :

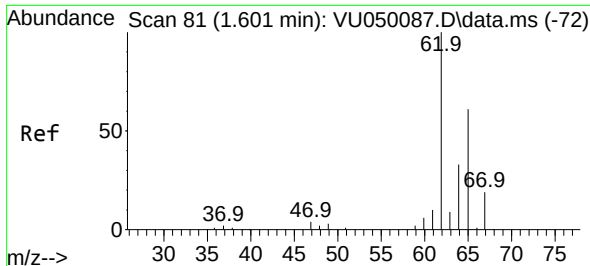
Quant Time: Aug 06 04:35:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 04:32:47 2022
Response via : Initial Calibration

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

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

Quant Time: Aug 06 04:35:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 04:32:47 2022
Response via : Initial Calibration

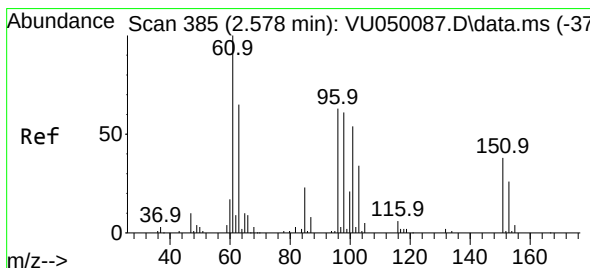
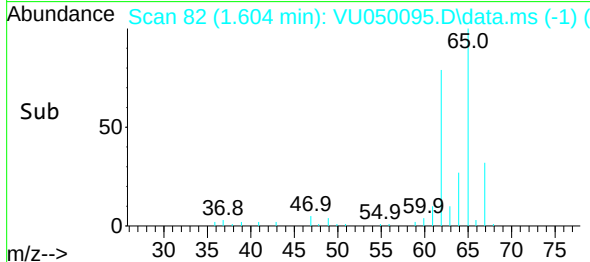
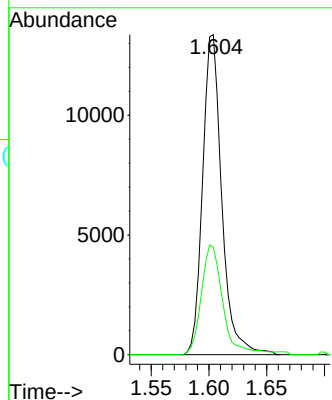
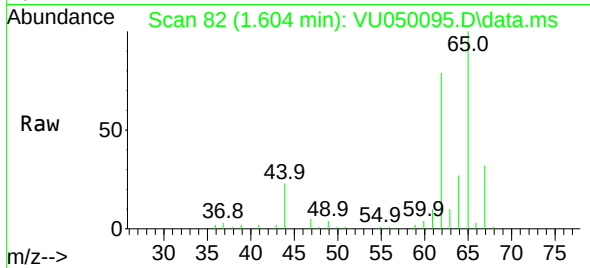




#5
 Vinyl chloride
 Concen: 1.802 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050095.D
 Acq: 05 Aug 2022 14:37

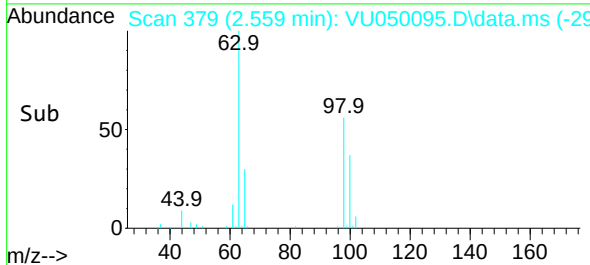
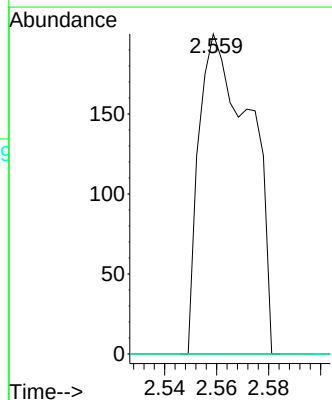
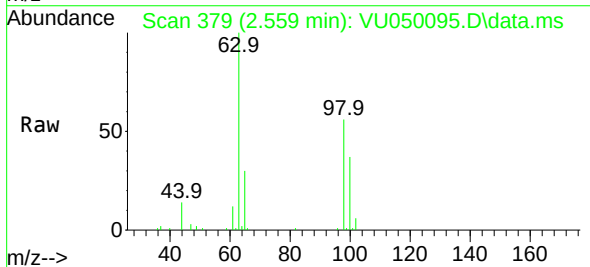
Instrument :
 MSVOA_U
 ClientSampleId :

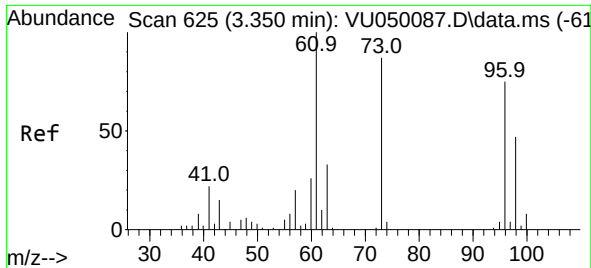
Tgt Ion: 62 Resp: 15436
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.052 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU050095.D
 Acq: 05 Aug 2022 14:37

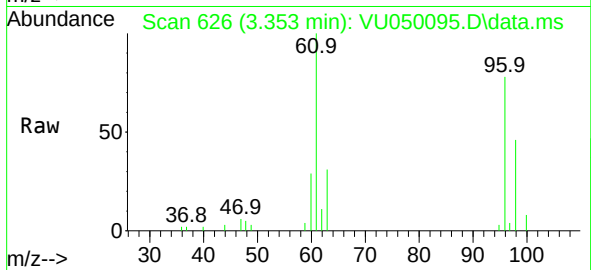
Tgt Ion: 101 Resp: 273
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



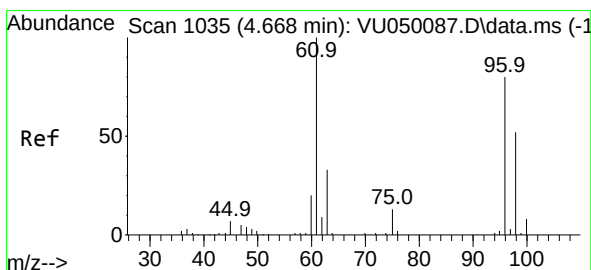
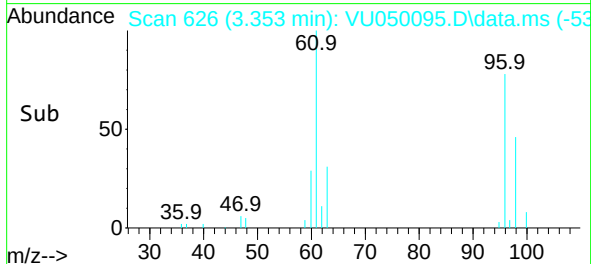
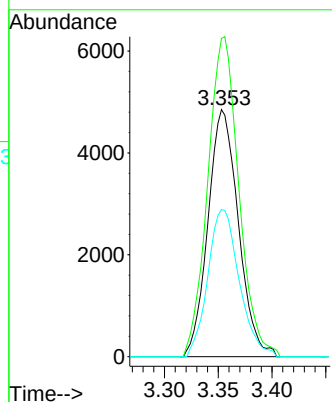


#18
trans-1,2-Dichloroethene
Concen: 1.544 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

Instrument :
MSVOA_U
ClientSampleId :

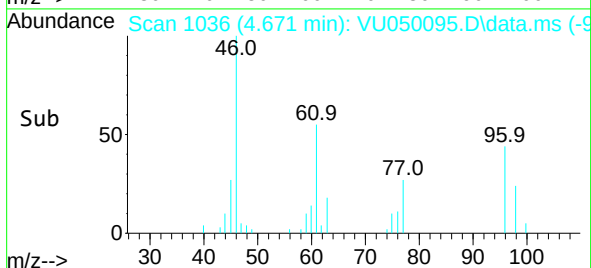
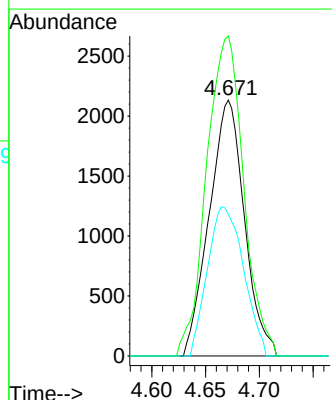
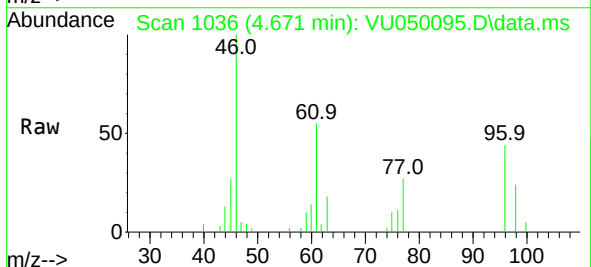


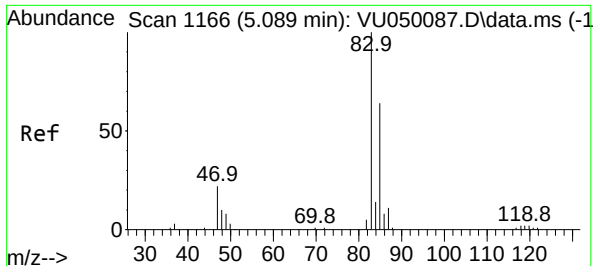
Tgt Ion: 96 Resp: 9530
Ion Ratio Lower Upper
96 100
61 128.8 92.3 171.5
98 59.6 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.710 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

Tgt Ion: 96 Resp: 4861
Ion Ratio Lower Upper
96 100
61 125.1 89.0 165.4
98 55.4 45.2 84.0





#25

Chloroform

Concen: 0.008 ug/L

RT: 5.096 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VU050095.D

Acq: 05 Aug 2022 14:37

Instrument :

MSVOA_U

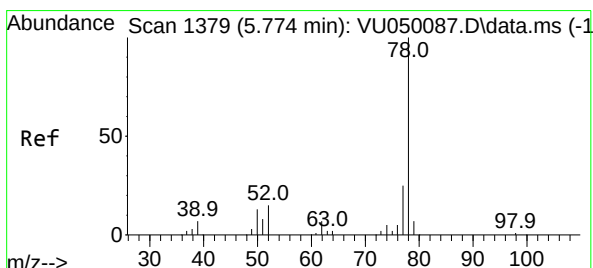
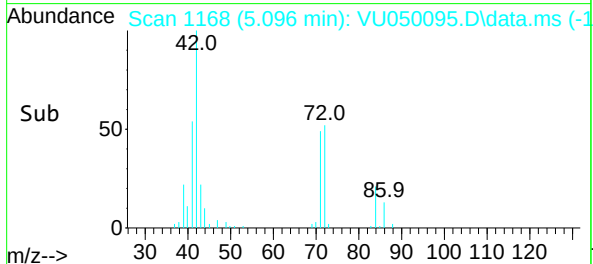
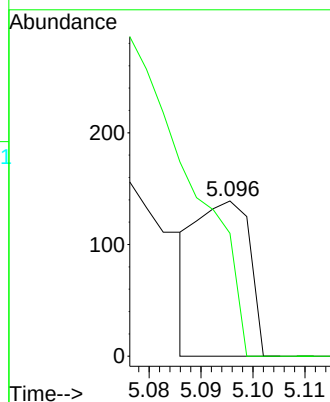
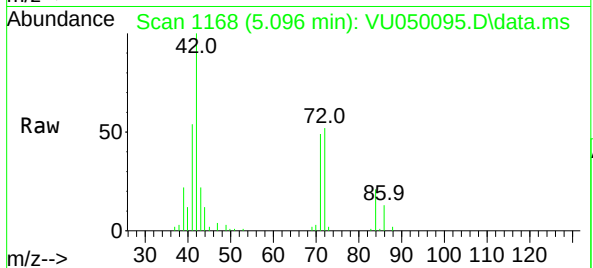
ClientSampleId :

Tgt Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

85 79.1 46.1 85.5



#33

Benzene

Concen: 0.449 ug/L

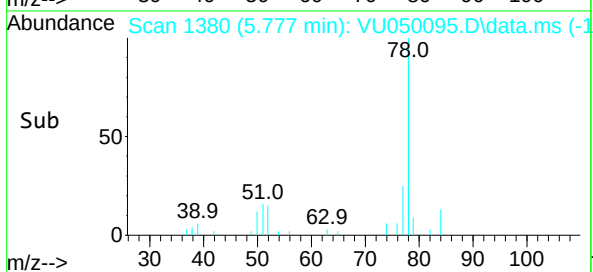
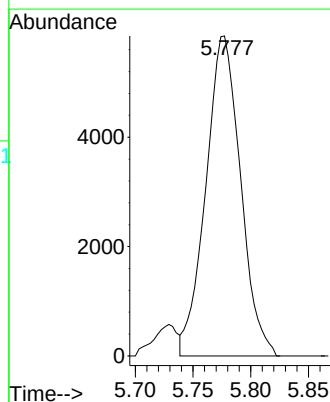
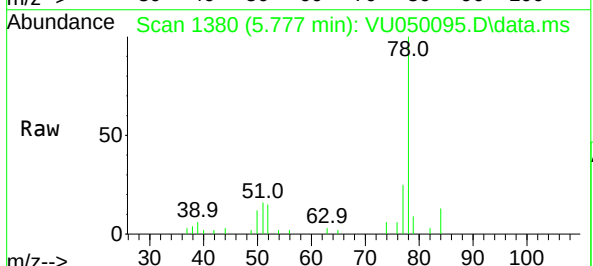
RT: 5.777 min Scan# 1380

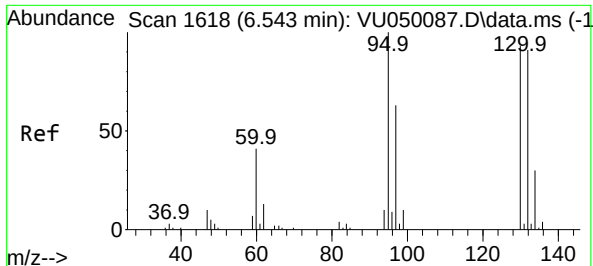
Delta R.T. 0.003 min

Lab File: VU050095.D

Acq: 05 Aug 2022 14:37

Tgt Ion: 78 Resp: 12233

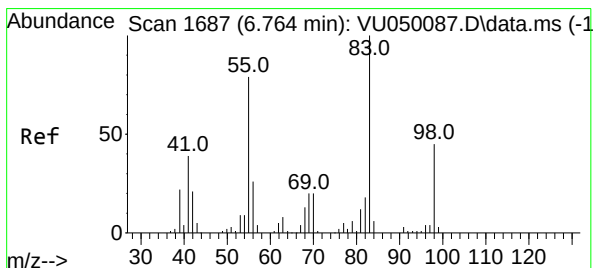
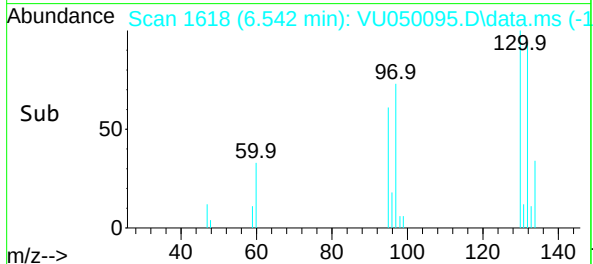
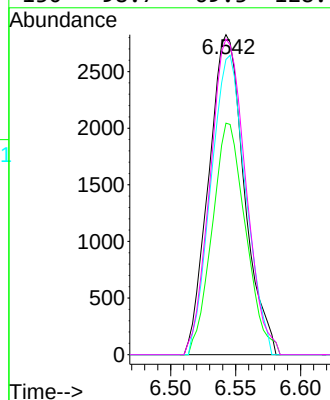
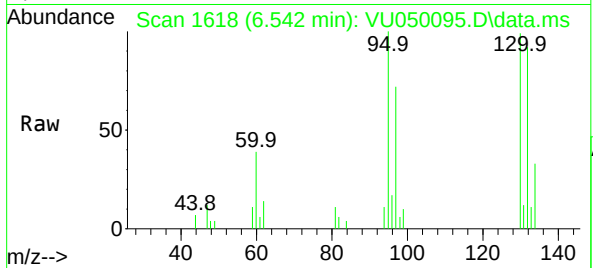




#34
Trichloroethene
Concen: 0.813 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

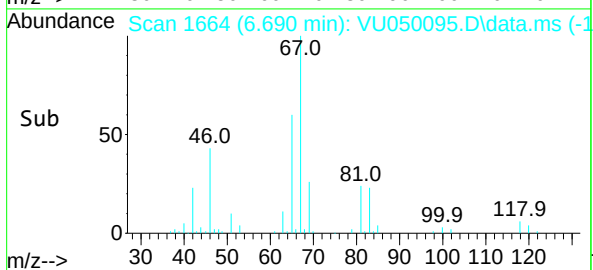
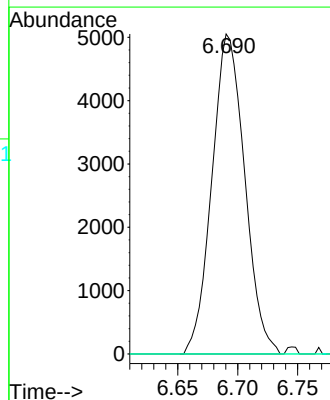
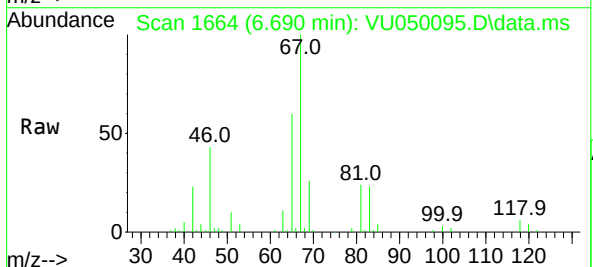
Instrument :
MSVOA_U
ClientSampleId :

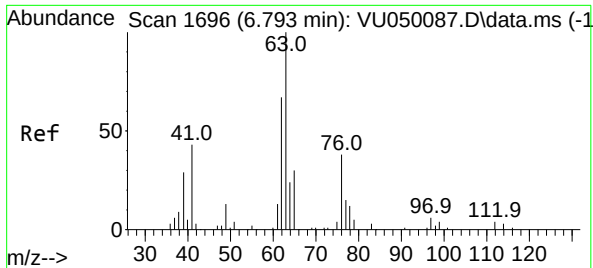
Tgt Ion: 95 Resp: 5363
Ion Ratio Lower Upper
95 100
97 72.3 45.6 84.8
132 92.3 65.0 120.6
130 98.7 69.3 128.7



#35
Methylcyclohexane
Concen: 1.128 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

Tgt Ion: 83 Resp: 9604
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 1.1 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050095.D

Acq: 05 Aug 2022 14:37

Instrument :

MSVOA_U

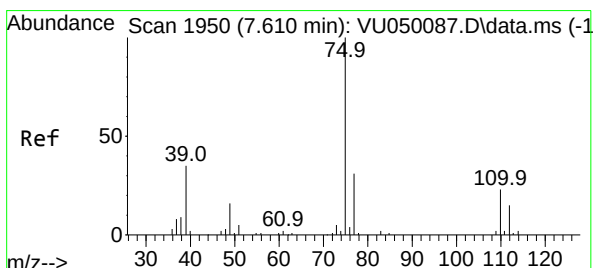
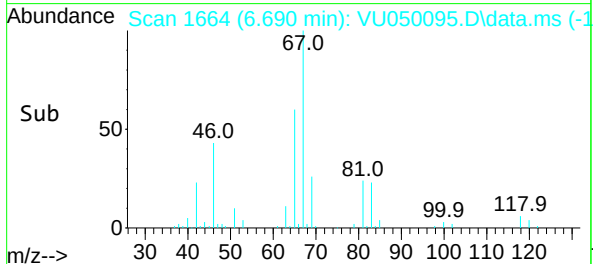
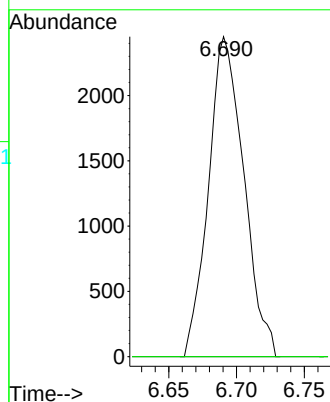
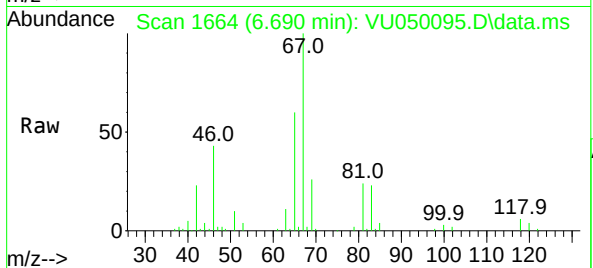
ClientSampleId :

Tgt Ion: 63 Resp: 4440

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU050095.D

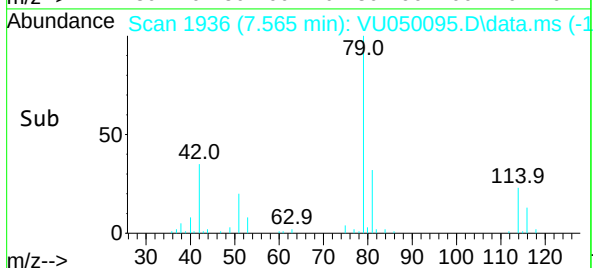
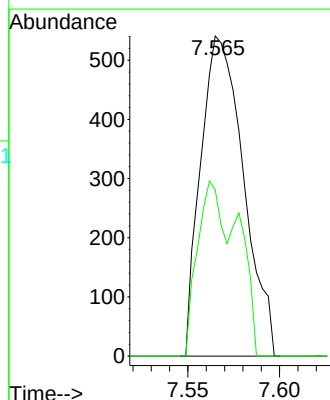
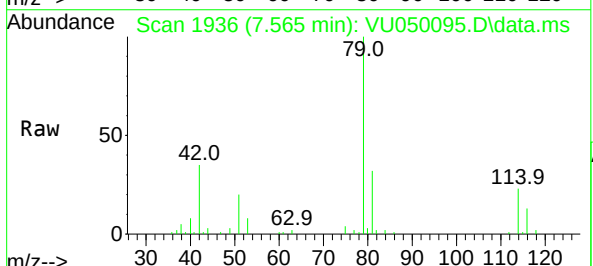
Acq: 05 Aug 2022 14:37

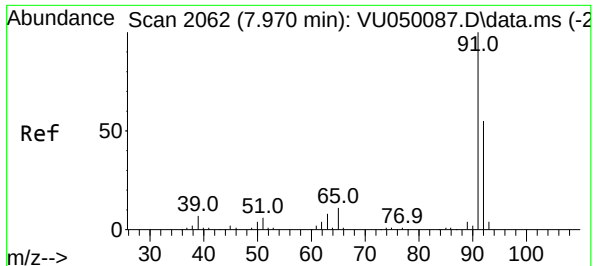
Tgt Ion: 75 Resp: 876

Ion Ratio Lower Upper

75 100

77 51.9 21.8 40.4#





#42

Toluene

Concen: 0.911 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050095.D

Acq: 05 Aug 2022 14:37

Instrument :

MSVOA_U

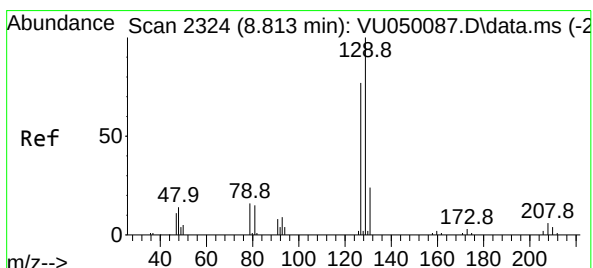
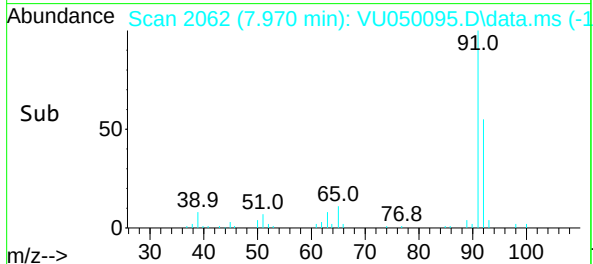
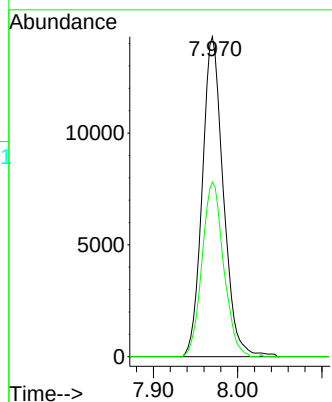
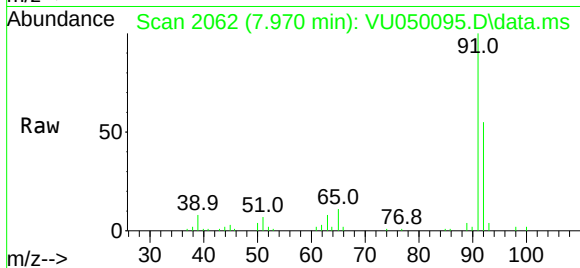
ClientSampleId :

Tgt Ion: 91 Resp: 24917

Ion Ratio Lower Upper

91 100

92 54.6 39.8 74.0



#49

Dibromochloromethane

Concen: 0.059 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.251 min

Lab File: VU050095.D

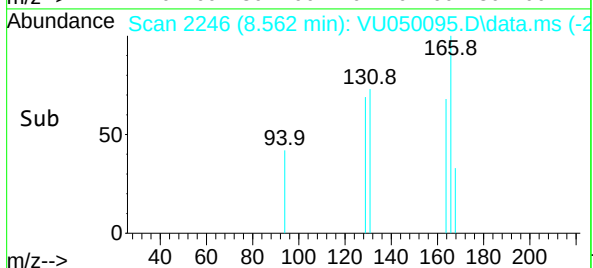
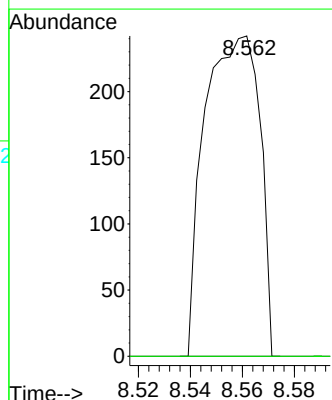
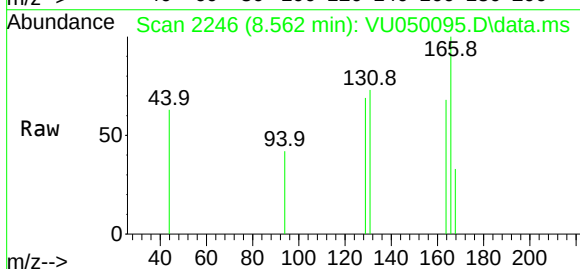
Acq: 05 Aug 2022 14:37

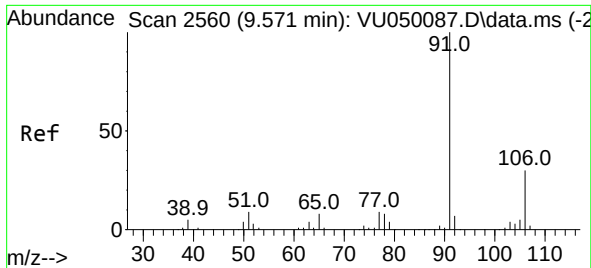
Tgt Ion: 129 Resp: 355

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#

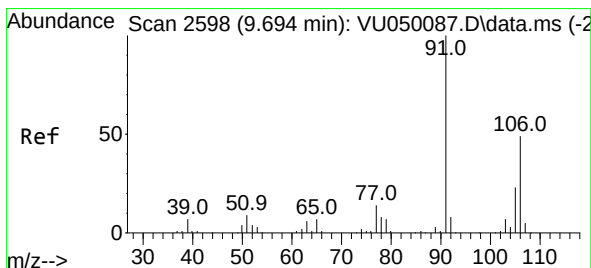
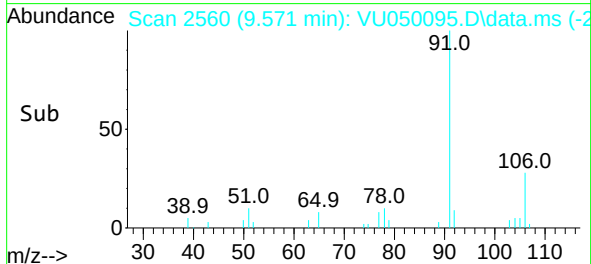
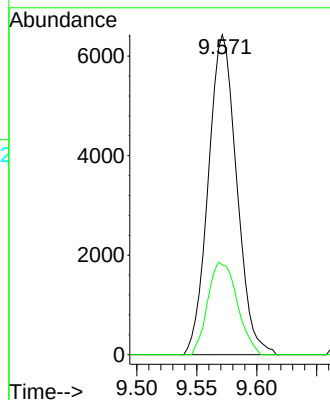
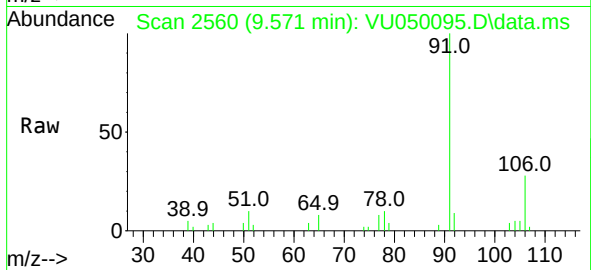




#52
Ethylbenzene
Concen: 0.397 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

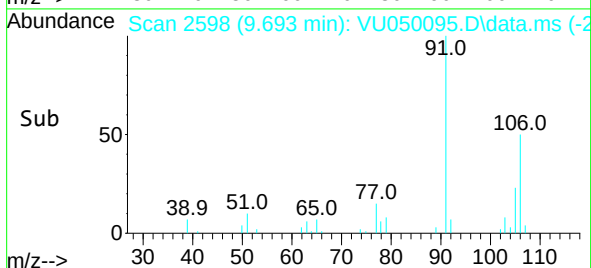
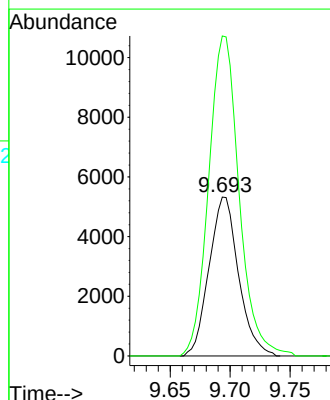
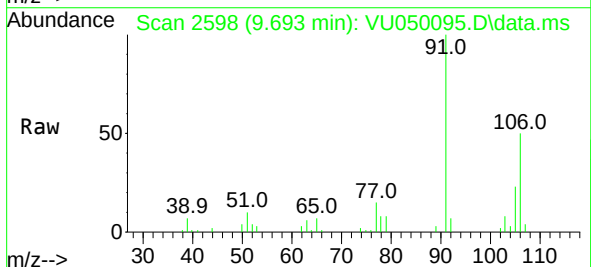
Instrument :
MSVOA_U
ClientSampleId :

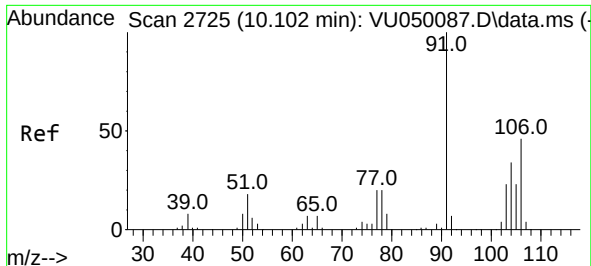
Tgt Ion: 91 Resp: 10582
Ion Ratio Lower Upper
91 100
106 28.1 21.3 39.5



#53
m,p-Xylene
Concen: 0.925 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

Tgt Ion: 106 Resp: 9094
Ion Ratio Lower Upper
106 100
91 201.5 143.1 265.9

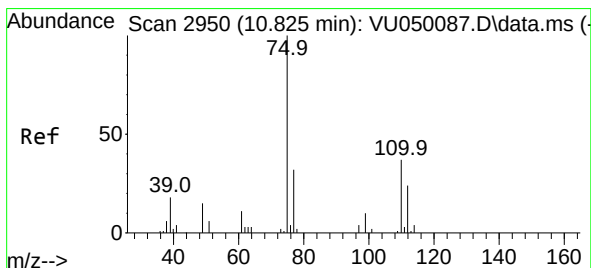
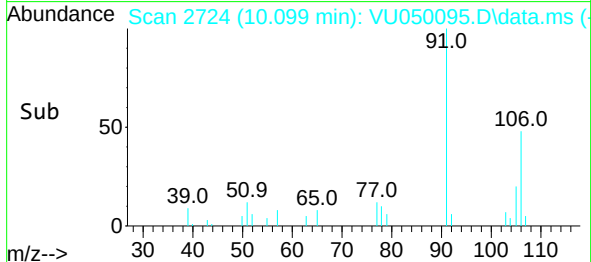
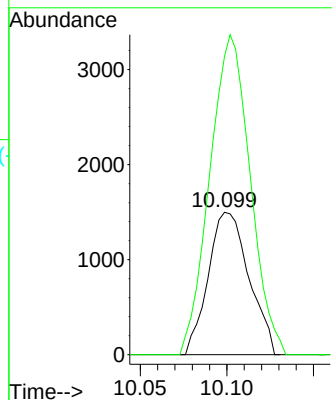
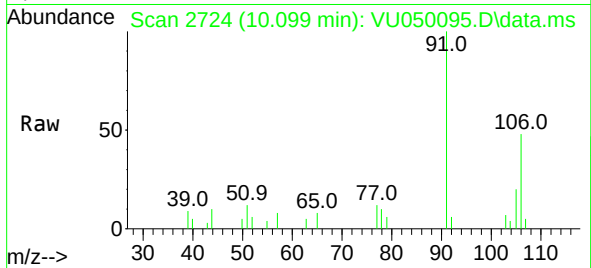




#54
o-Xylene
Concen: 0.250 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

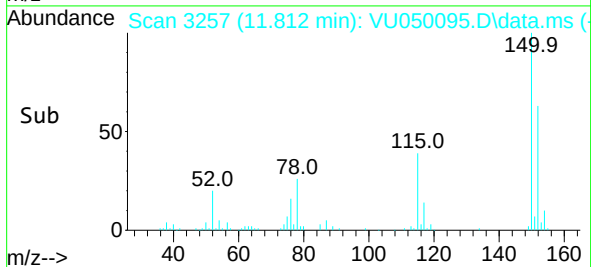
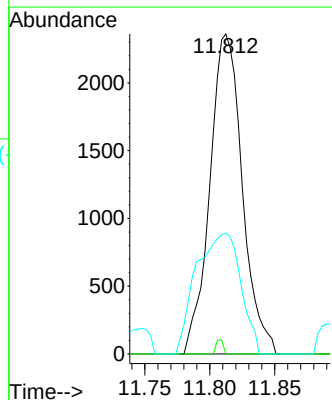
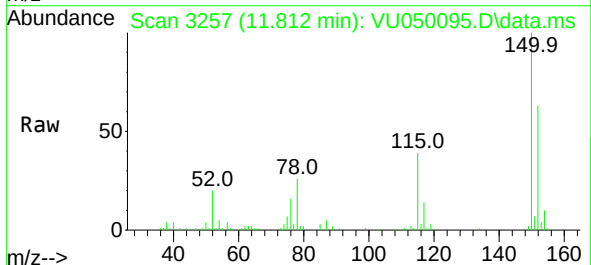
Instrument :
MSVOA_U
ClientSampleId :

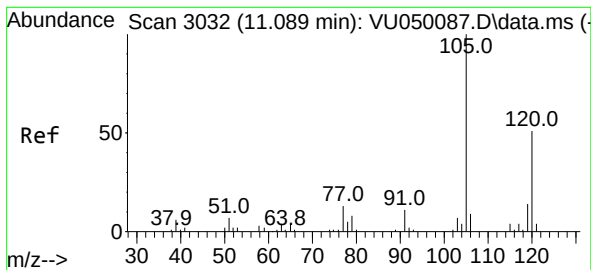
Tgt Ion:106 Resp: 2454
Ion Ratio Lower Upper
106 100
91 209.4 149.4 277.4



#61
1,2,3-Trichloropropane
Concen: 0.911 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

Tgt Ion: 75 Resp: 4104
Ion Ratio Lower Upper
75 100
110 1.0 28.5 42.7#
77 51.7 25.8 38.6#

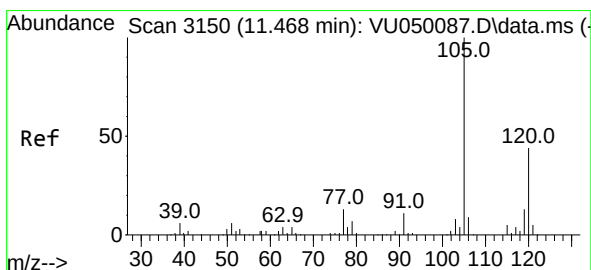
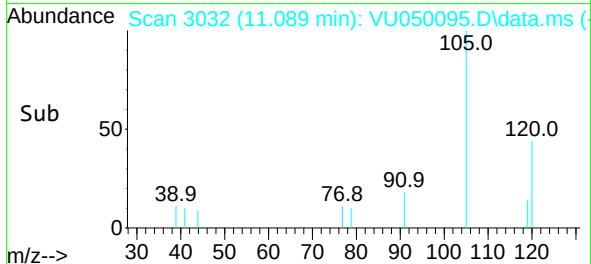
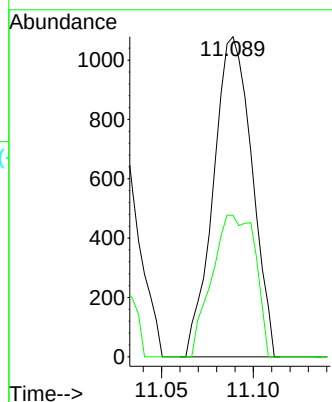
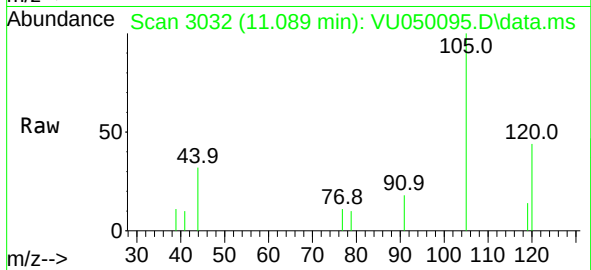




#62
1,3,5-Trimethylbenzene
Concen: 0.253 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 1576
Ion Ratio Lower Upper
105 100
120 49.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 0.361 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050095.D
Acq: 05 Aug 2022 14:37

Tgt Ion:105 Resp: 6141
Ion Ratio Lower Upper
105 100
120 44.6 35.9 53.9

