

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048009.D
 Acq On : 13 Apr 2022 17:21
 Operator : SY/MD
 Sample : N2316-08ME
 Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ7ME

Quant Time: Apr 14 03:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

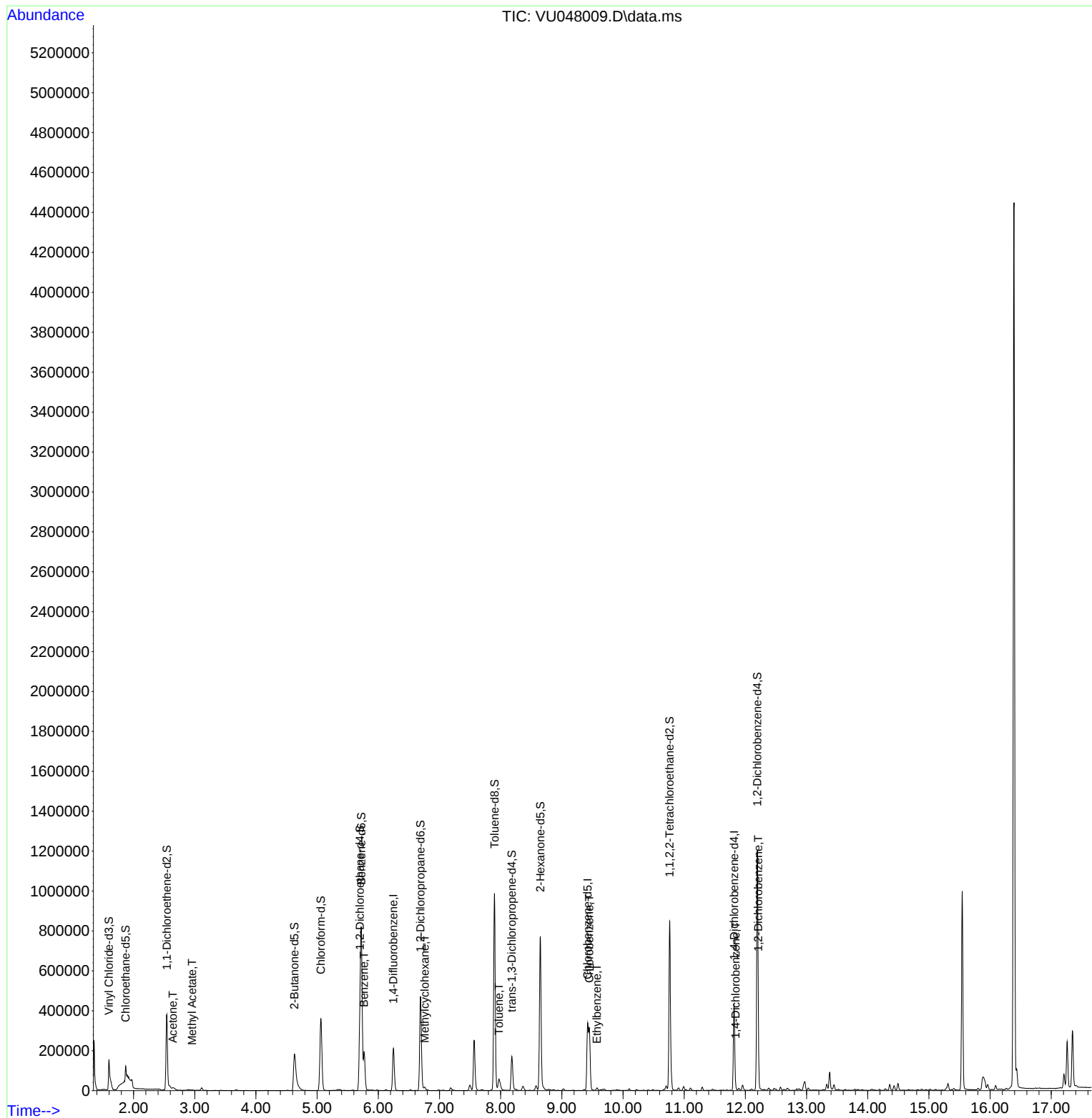
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	188108	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	202932	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121294	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	175920	128.965	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	257.920%#	
7) Chloroethane-d5	1.871	69	86803	80.703	ug/L	-0.04
Spiked Amount 50.000	Range 70	- 130	Recovery	=	161.400%#	
11) 1,1-Dichloroethene-d2	2.543	63	246407	98.732	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	=	197.460%#	
21) 2-Butanone-d5	4.629	46	345253	294.879	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	294.880%#	
24) Chloroform-d	5.060	84	354407	141.994	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	283.980%#	
26) 1,2-Dichloroethane-d4	5.700	65	233511	152.542	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	305.080%#	
32) Benzene-d6	5.723	84	739598	144.839	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	289.680%#	
36) 1,2-Dichloropropane-d6	6.690	67	241773	154.172	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	308.340%#	
41) Toluene-d8	7.899	98	686993	138.087	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	276.180%#	
43) trans-1,3-Dichloroprop...	8.182	79	112414	141.493	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	282.980%#	
47) 2-Hexanone-d5	8.649	63	299924	326.705	ug/L	0.02
Spiked Amount 100.000	Range 45	- 130	Recovery	=	326.710%#	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	416109	154.612	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	309.220%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	323645	149.979	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	299.960%#	
Target Compounds						
					Qvalue	
13) Acetone	2.642	43	13046	11.974	ug/L	98
15) Methyl Acetate	2.954	43	3021	1.739	ug/L	91
33) Benzene	5.768	78	188607	32.109	ug/L	100
35) Methylcyclohexane	6.758	83	6071	2.591	ug/L #	88
42) Toluene	7.970	91	35450	5.500	ug/L	98
51) Chlorobenzene	9.449	112	174298	39.829	ug/L	98
52) Ethylbenzene	9.575	91	6477	0.956	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	6653	1.763	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	5014	1.375	ug/L #	77

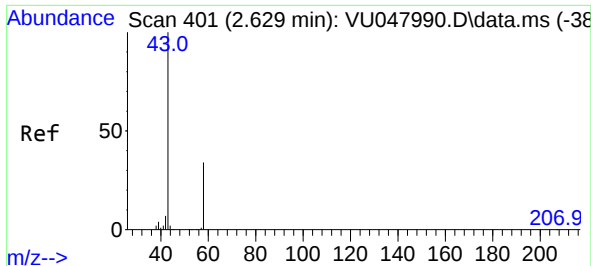
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 14 02:49:33 2022
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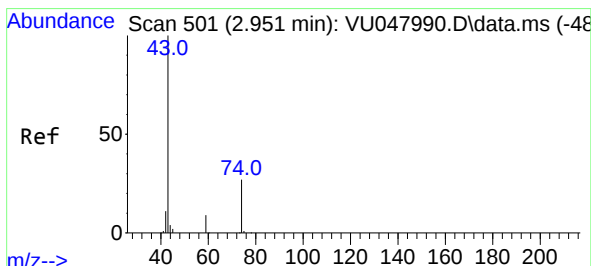
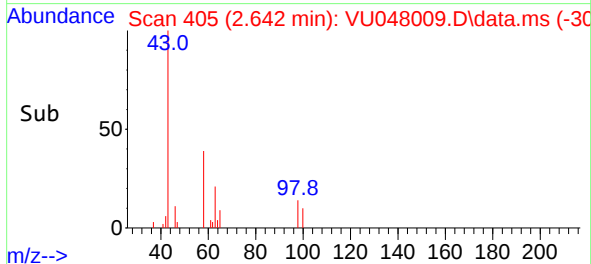
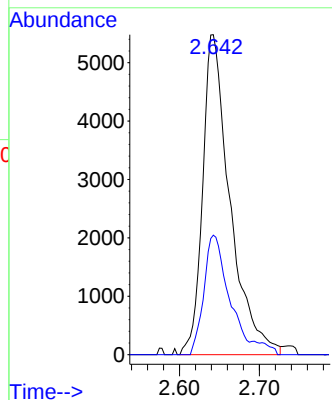
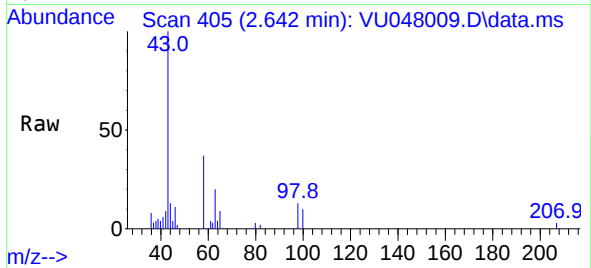




#13
Acetone
Concen: 11.974 ug/L
RT: 2.642 min Scan# 401
Delta R.T. 0.013 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

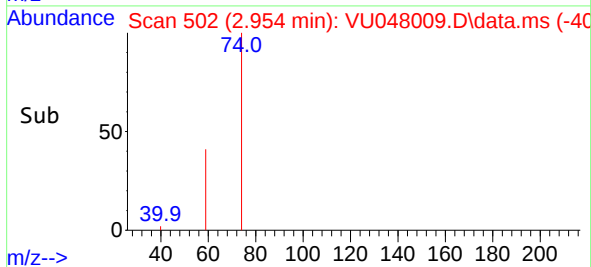
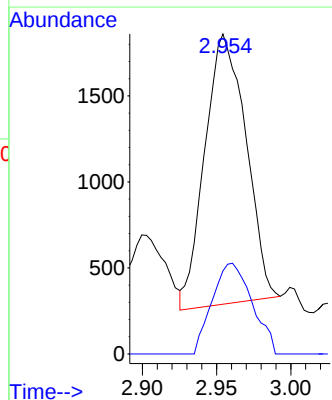
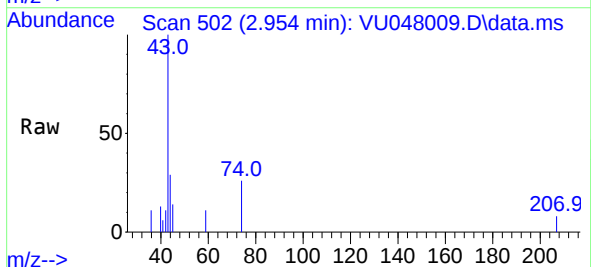
Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

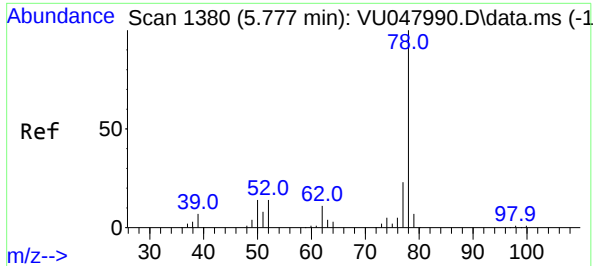
Tgt Ion: 43 Resp: 13046
Ion Ratio Lower Upper
43 100
58 33.7 0.0 70.0



#15
Methyl Acetate
Concen: 1.739 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

Tgt Ion: 43 Resp: 3021
Ion Ratio Lower Upper
43 100
74 32.7 22.2 33.2





#33

Benzene

Concen: 32.109 ug/L

RT: 5.768 min Scan# 11

Delta R.T. -0.010 min

Lab File: VU048009.D

Acq: 13 Apr 2022 17:21

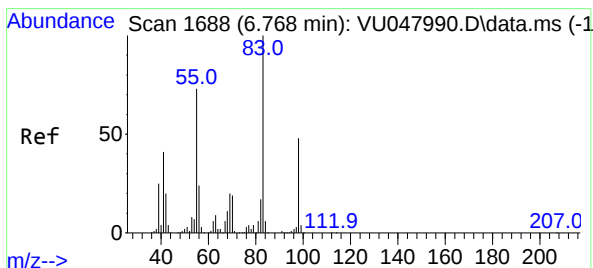
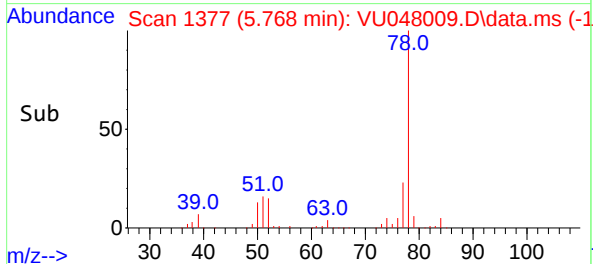
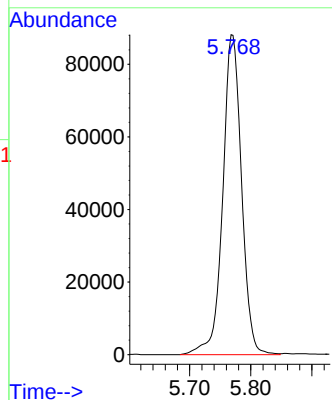
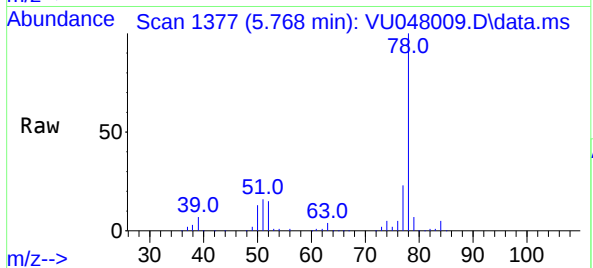
Instrument :

MSVOA_U

ClientSampleId :

ETNQ7ME

Tgt Ion: 78 Resp: 188607



#35

Methylcyclohexane

Concen: 2.591 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.010 min

Lab File: VU048009.D

Acq: 13 Apr 2022 17:21

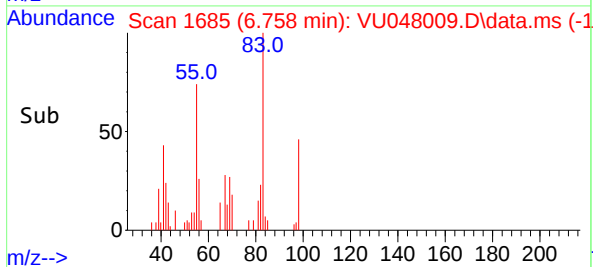
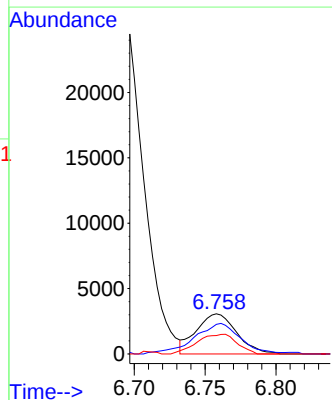
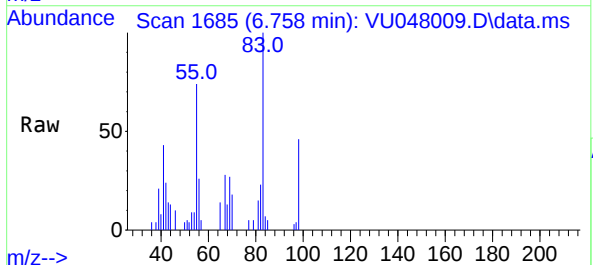
Tgt Ion: 83 Resp: 6071

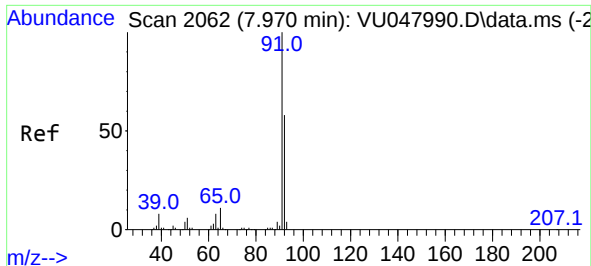
Ion Ratio Lower Upper

83 100

55 87.2 56.8 85.2#

98 48.5 38.1 57.1

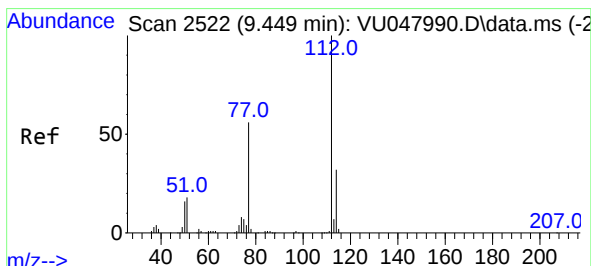
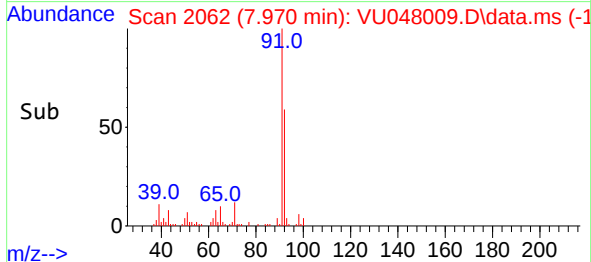
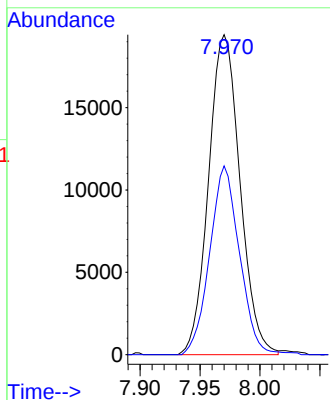
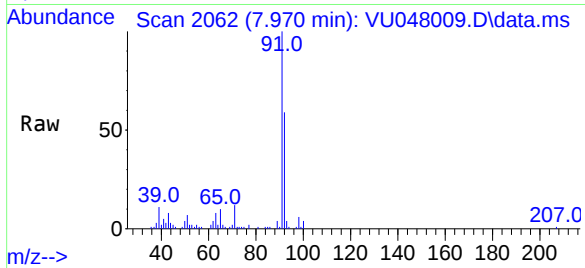




#42
Toluene
Concen: 5.500 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

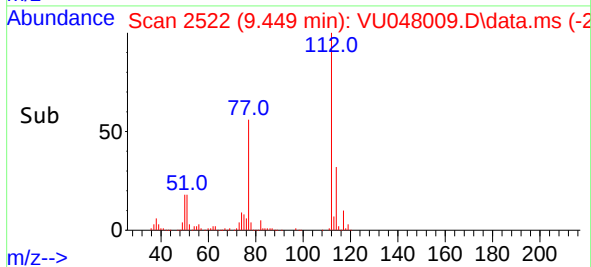
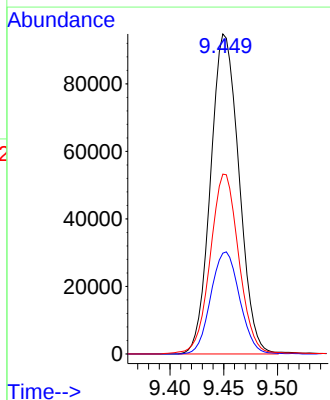
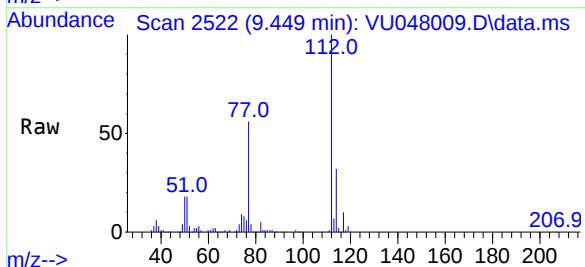
Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

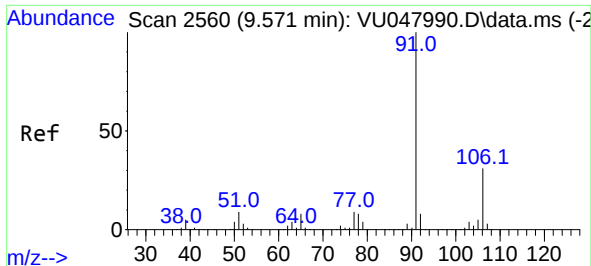
Tgt Ion: 91 Resp: 35450
Ion Ratio Lower Upper
91 100
92 59.0 40.4 75.0



#51
Chlorobenzene
Concen: 39.829 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

Tgt Ion: 112 Resp: 174298
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 56.2 43.4 65.0

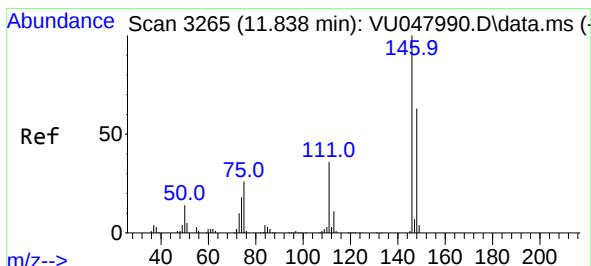
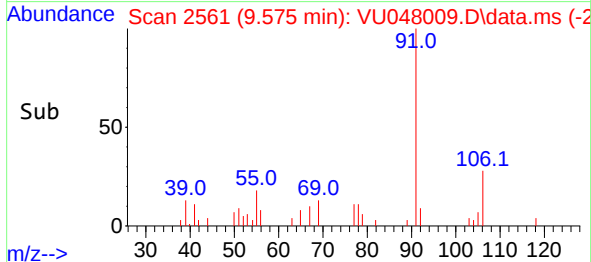
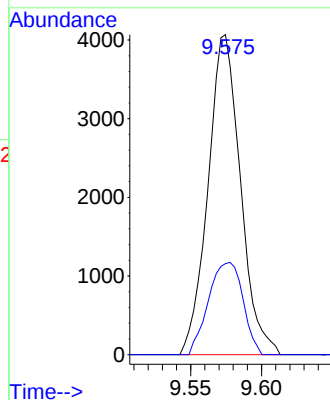
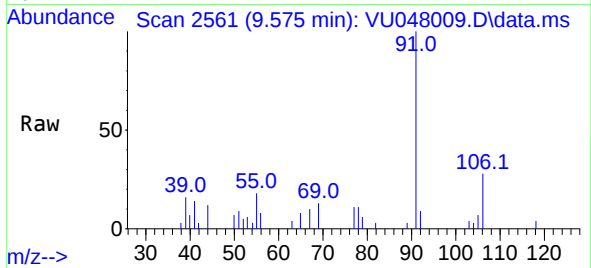




#52
Ethylbenzene
Concen: 0.956 ug/L
RT: 9.575 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

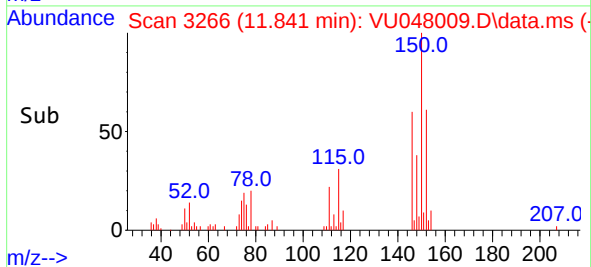
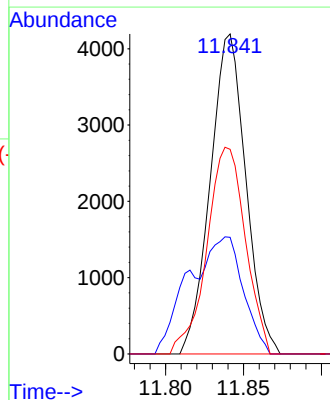
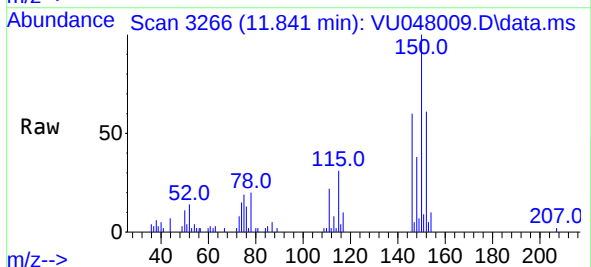
Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

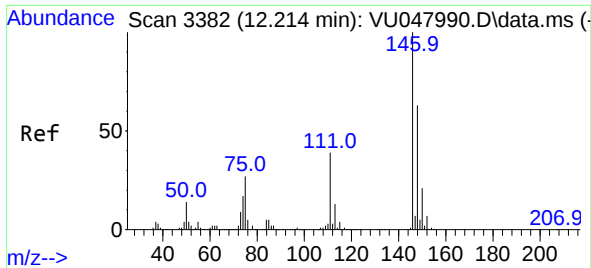
Tgt Ion: 91 Resp: 6477
Ion Ratio Lower Upper
91 100
106 28.5 22.4 41.6



#65
1,4-Dichlorobenzene
Concen: 1.763 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048009.D
Acq: 13 Apr 2022 17:21

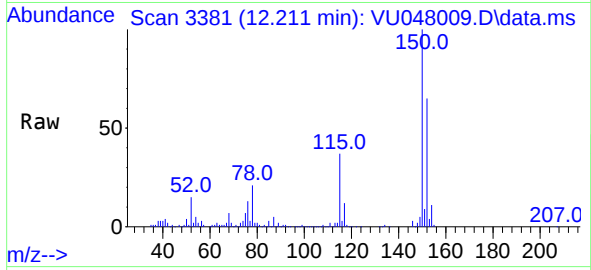
Tgt Ion:146 Resp: 6653
Ion Ratio Lower Upper
146 100
111 39.1 25.3 47.1
148 64.0 44.5 82.7





#67
 1,2-Dichlorobenzene
 Concen: 1.375 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU048009.D
 Acq: 13 Apr 2022 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	146	Resp:	5014
Ion	Ratio	Lower	Upper
146	100		
111	69.6	31.7	47.5#
148	70.3	51.4	77.2

