

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU047997.D
 Acq On : 13 Apr 2022 12:45
 Operator : SY/MD
 Sample : N2358-02
 Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS2

Quant Time: Apr 14 03:07:38 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)

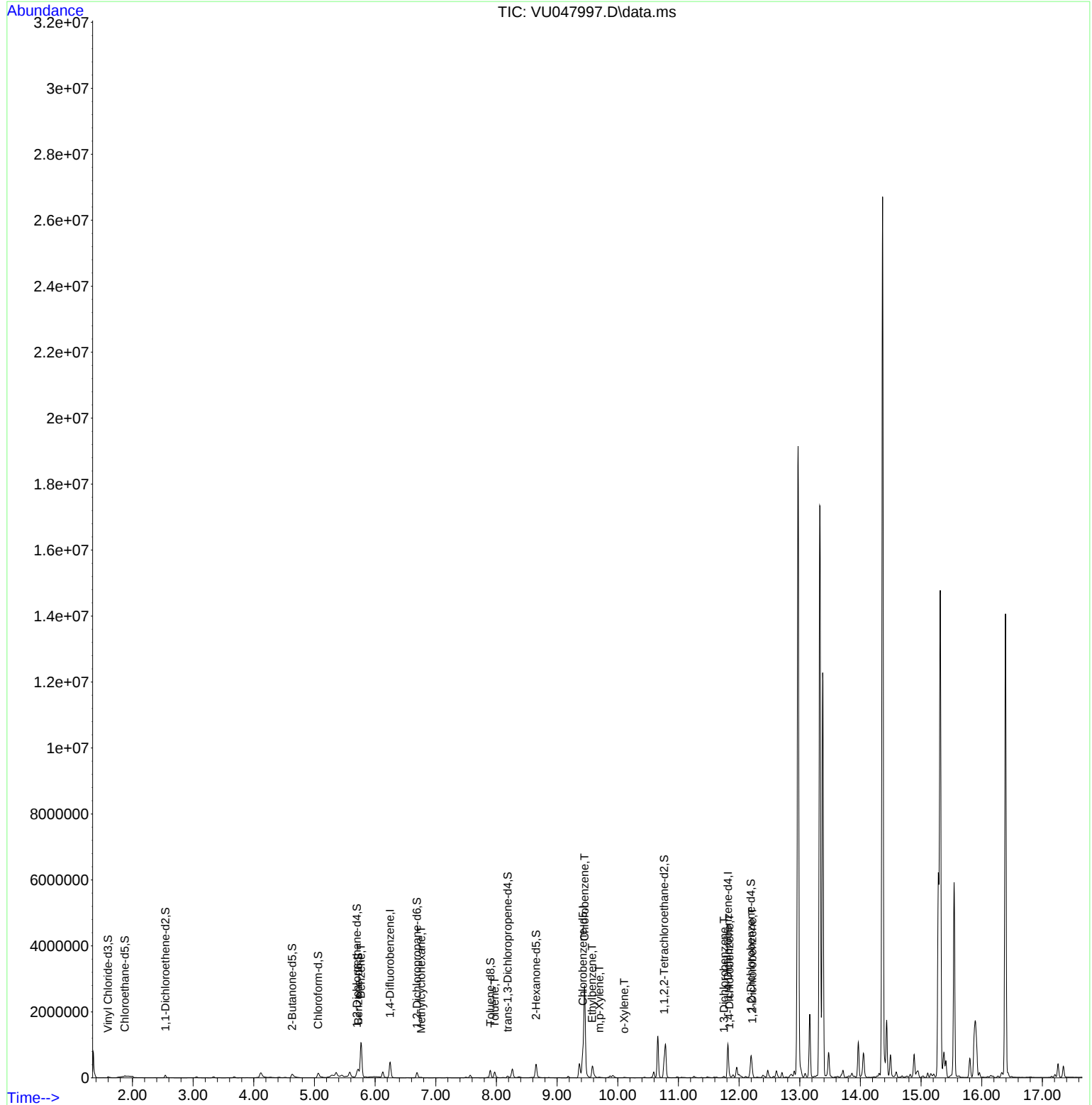
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	423368	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	460992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	285586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41654	13.568	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	27.140%#		
7) Chloroethane-d5	1.874	69	23398	9.665	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	19.340%#		
11) 1,1-Dichloroethene-d2	2.543	63	50578	9.004	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	18.000%#		
21) 2-Butanone-d5	4.632	46	206136	78.226	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.230%		
24) Chloroform-d	5.060	84	125900	22.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	44.820%#		
26) 1,2-Dichloroethane-d4	5.700	65	85696	24.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	49.740%#		
32) Benzene-d6	5.722	84	202895	17.491	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	34.980%#		
36) 1,2-Dichloropropane-d6	6.690	67	81428	22.858	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	45.720%#		
41) Toluene-d8	7.899	98	159145	14.082	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	28.160%#		
43) trans-1,3-Dichloroprop...	8.185	79	36858	20.422	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	40.840%#		
47) 2-Hexanone-d5	8.652	63	165512	79.365	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.370%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	228337	37.348	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.700%		
66) 1,2-Dichlorobenzene-d4	12.195	152	149186	29.362	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	58.720%#		
Target Compounds						Qvalue
33) Benzene	5.767	78	1022732	76.646	ug/L	100
35) Methylcyclohexane	6.761	83	6419	1.206	ug/L	86
42) Toluene	7.970	91	135239	9.237	ug/L	99
51) Chlorobenzene	9.452	112	1223674	123.092	ug/L	97
52) Ethylbenzene	9.578	91	10396	0.675	ug/L	95
53) m,p-Xylene	9.697	106	6495	1.075	ug/L	94
54) o-Xylene	10.105	106	4746	0.801	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	9851	1.148	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	28081	3.160	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	70777	8.245	ug/L	100

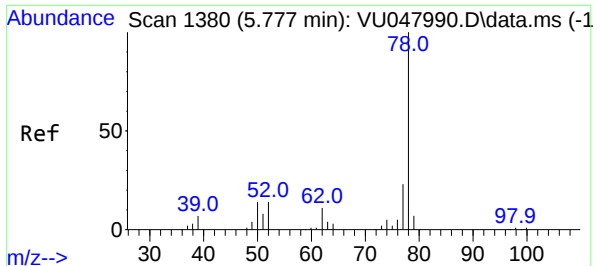
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration

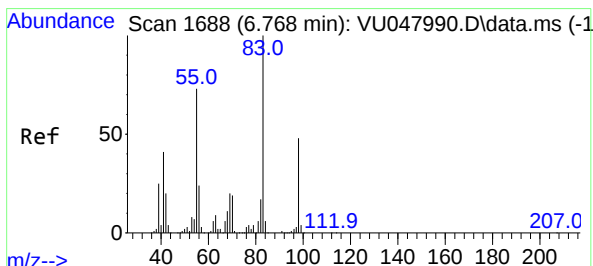
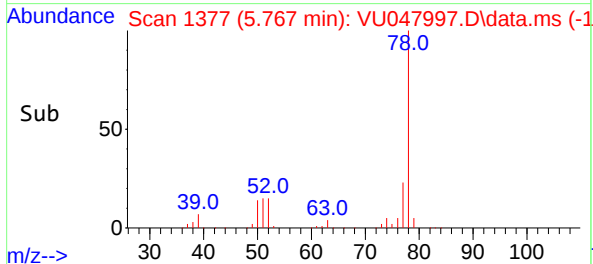
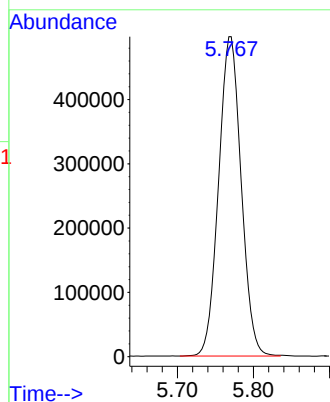
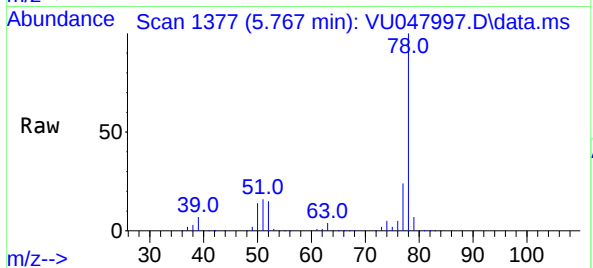




#33
Benzene
Concen: 76.646 ug/L
RT: 5.767 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047997.D
Acq: 13 Apr 2022 12:45

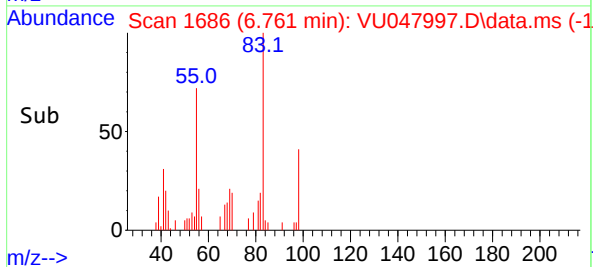
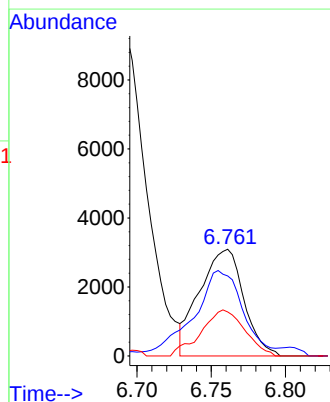
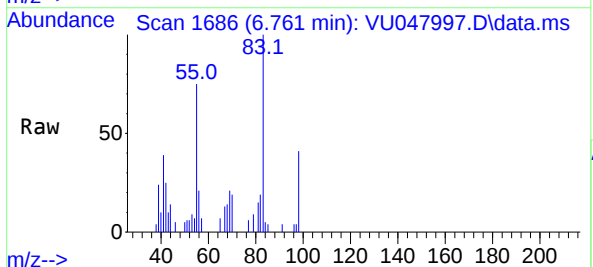
Instrument :
MSVOA_U
ClientSampleId :
ETNS2

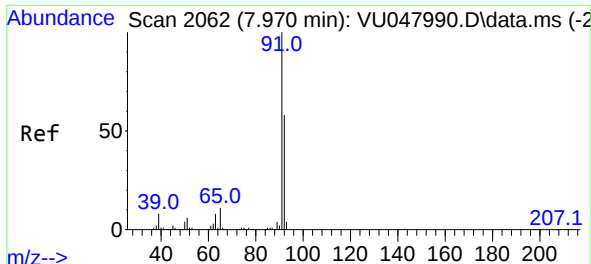
Tgt Ion: 78 Resp: 1022732



#35
Methylcyclohexane
Concen: 1.206 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.007 min
Lab File: VU047997.D
Acq: 13 Apr 2022 12:45

Tgt Ion: 83 Resp: 6419
Ion Ratio Lower Upper
83 100
55 82.5 56.8 85.2
98 38.8 38.1 57.1





#42

Toluene

Concen: 9.237 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047997.D

Acq: 13 Apr 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

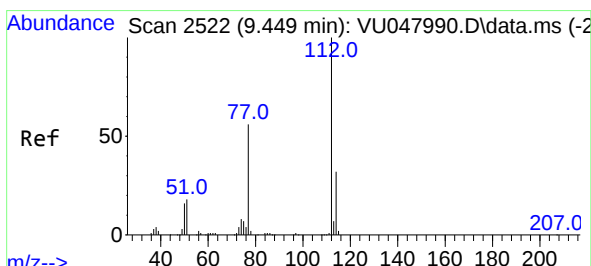
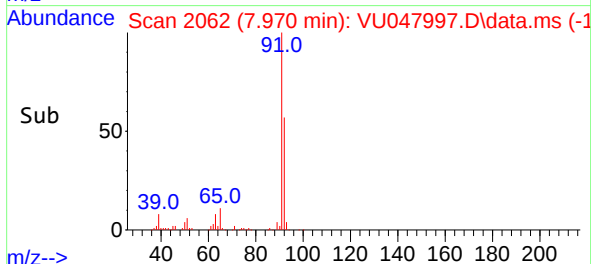
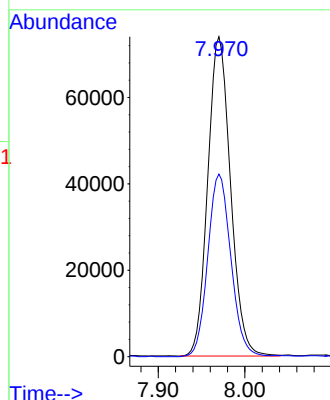
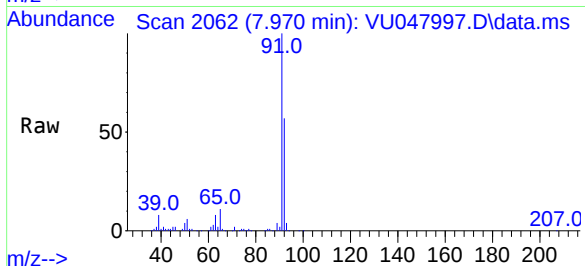
ETNS2

Tgt Ion: 91 Resp: 135239

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#51

Chlorobenzene

Concen: 123.092 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU047997.D

Acq: 13 Apr 2022 12:45

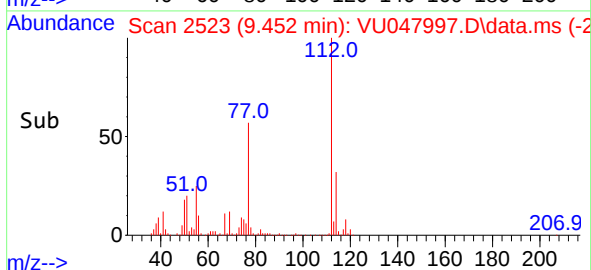
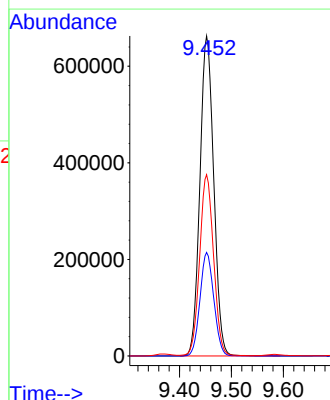
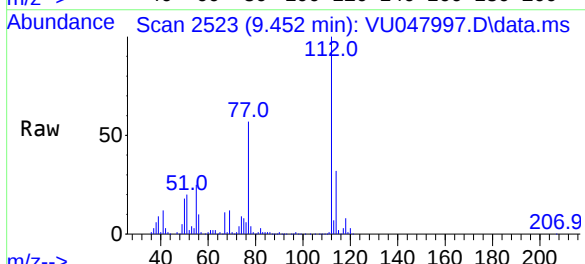
Tgt Ion: 112 Resp: 1223674

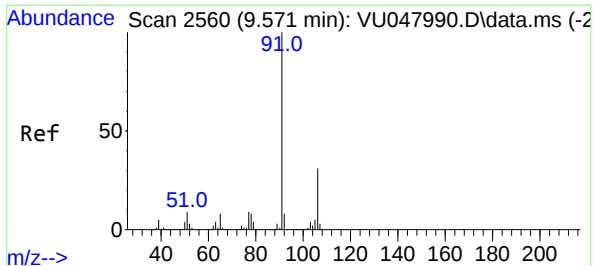
Ion Ratio Lower Upper

112 100

114 32.4 22.1 41.1

77 56.7 43.4 65.0





#52

Ethylbenzene

Concen: 0.675 ug/L

RT: 9.578 min Scan# 2560

Delta R.T. 0.006 min

Lab File: VU047997.D

Acq: 13 Apr 2022 12:45

Instrument :

MSVOA_U

ClientSampleId :

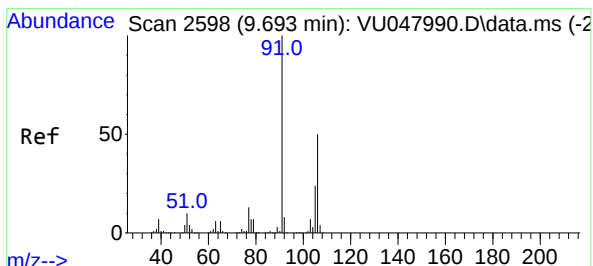
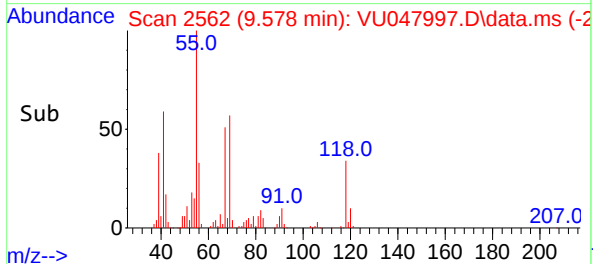
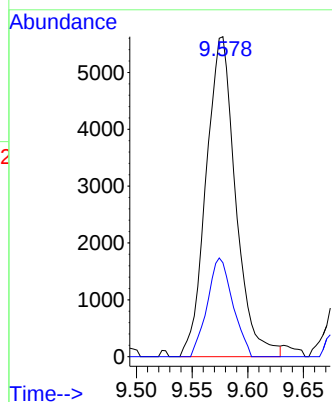
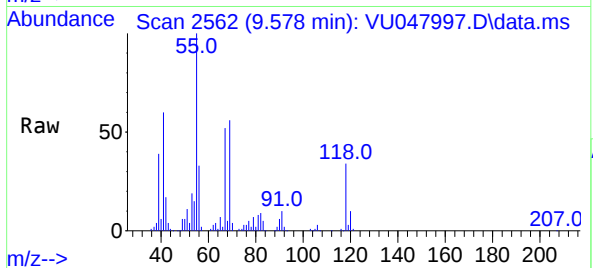
ETNS2

Tgt Ion: 91 Resp: 10396

Ion Ratio Lower Upper

91 100

106 29.3 22.4 41.6



#53

m,p-Xylene

Concen: 1.075 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU047997.D

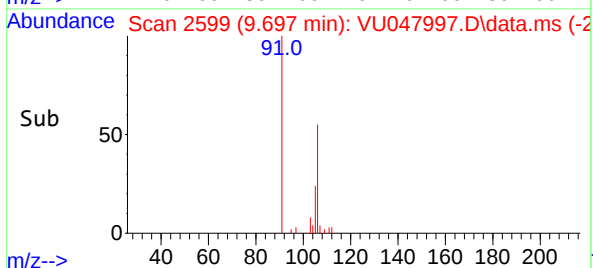
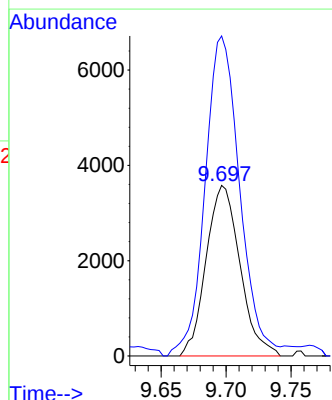
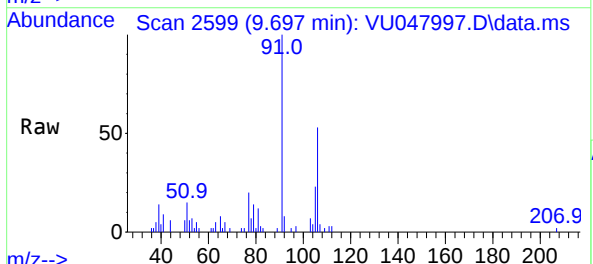
Acq: 13 Apr 2022 12:45

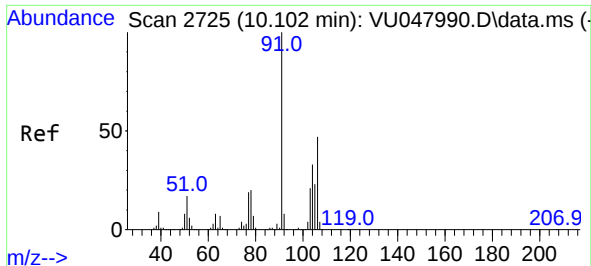
Tgt Ion: 106 Resp: 6495

Ion Ratio Lower Upper

106 100

91 187.7 137.7 255.7

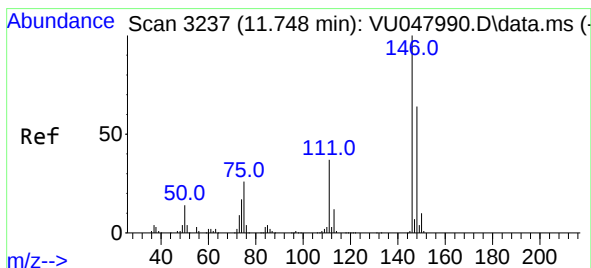
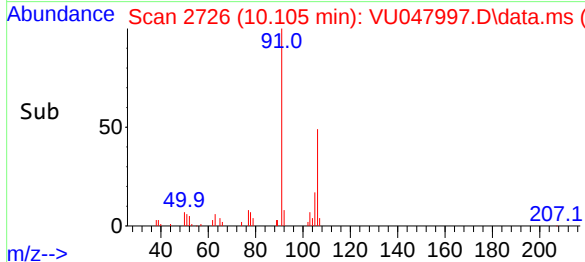
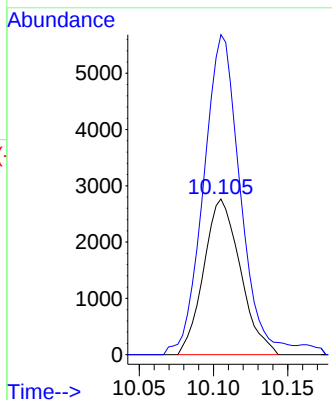
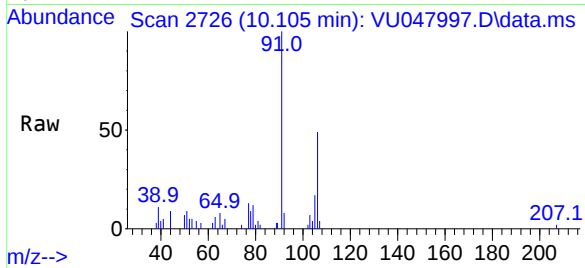




#54
o-Xylene
Concen: 0.801 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047997.D
Acq: 13 Apr 2022 12:45

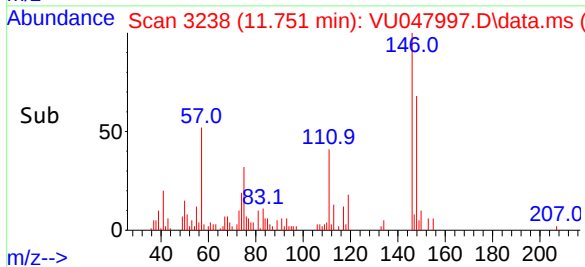
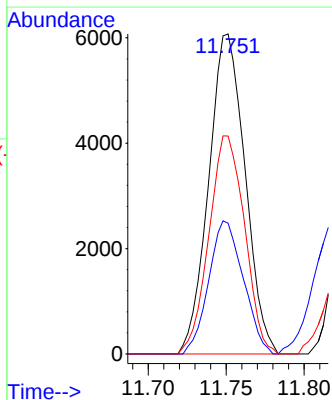
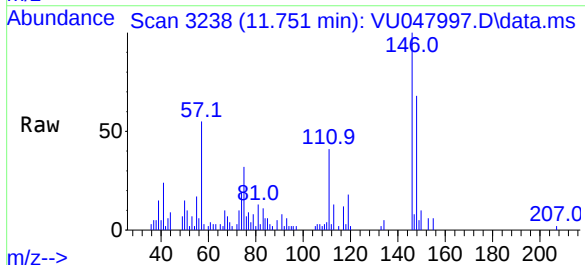
Instrument :
MSVOA_U
ClientSampleId :
ETNS2

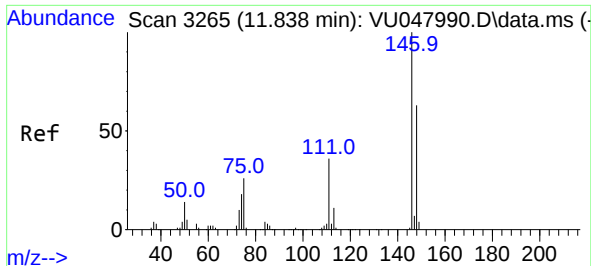
Tgt Ion:106 Resp: 4746
Ion Ratio Lower Upper
106 100
91 205.5 146.7 272.5



#64
1,3-Dichlorobenzene
Concen: 1.148 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU047997.D
Acq: 13 Apr 2022 12:45

Tgt Ion:146 Resp: 9851
Ion Ratio Lower Upper
146 100
111 40.8 26.7 49.7
148 68.1 44.4 82.5

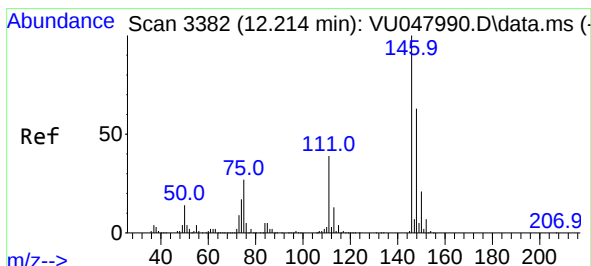
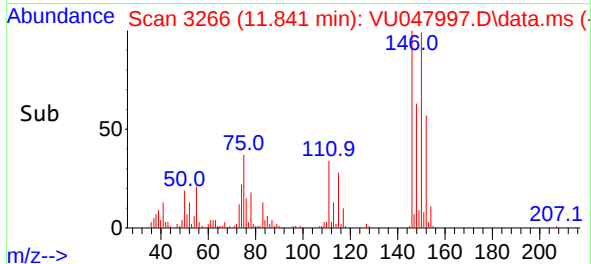
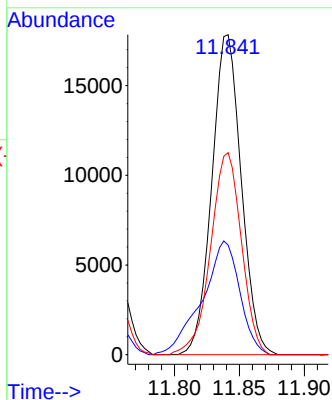
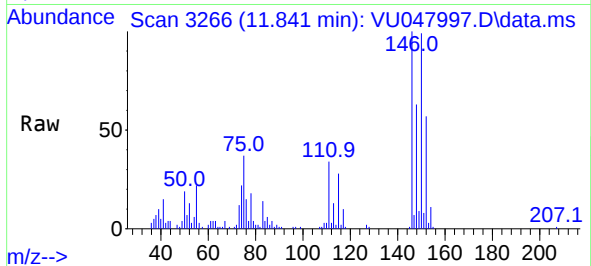




#65
1,4-Dichlorobenzene
Concen: 3.160 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047997.D
Acq: 13 Apr 2022 12:45

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

Tgt Ion:	146	Resp:	28081
Ion	Ratio	Lower	Upper
146	100		
111	34.3	25.3	47.1
148	63.1	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 8.245 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU047997.D
Acq: 13 Apr 2022 12:45

Tgt Ion:	146	Resp:	70777
Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.7	47.5
148	64.5	51.4	77.2

