

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048015.D
 Acq On : 13 Apr 2022 19:40
 Operator : SY/MD
 Sample : N2316-04ME
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ2ME

Quant Time: Apr 14 03:11:11 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)

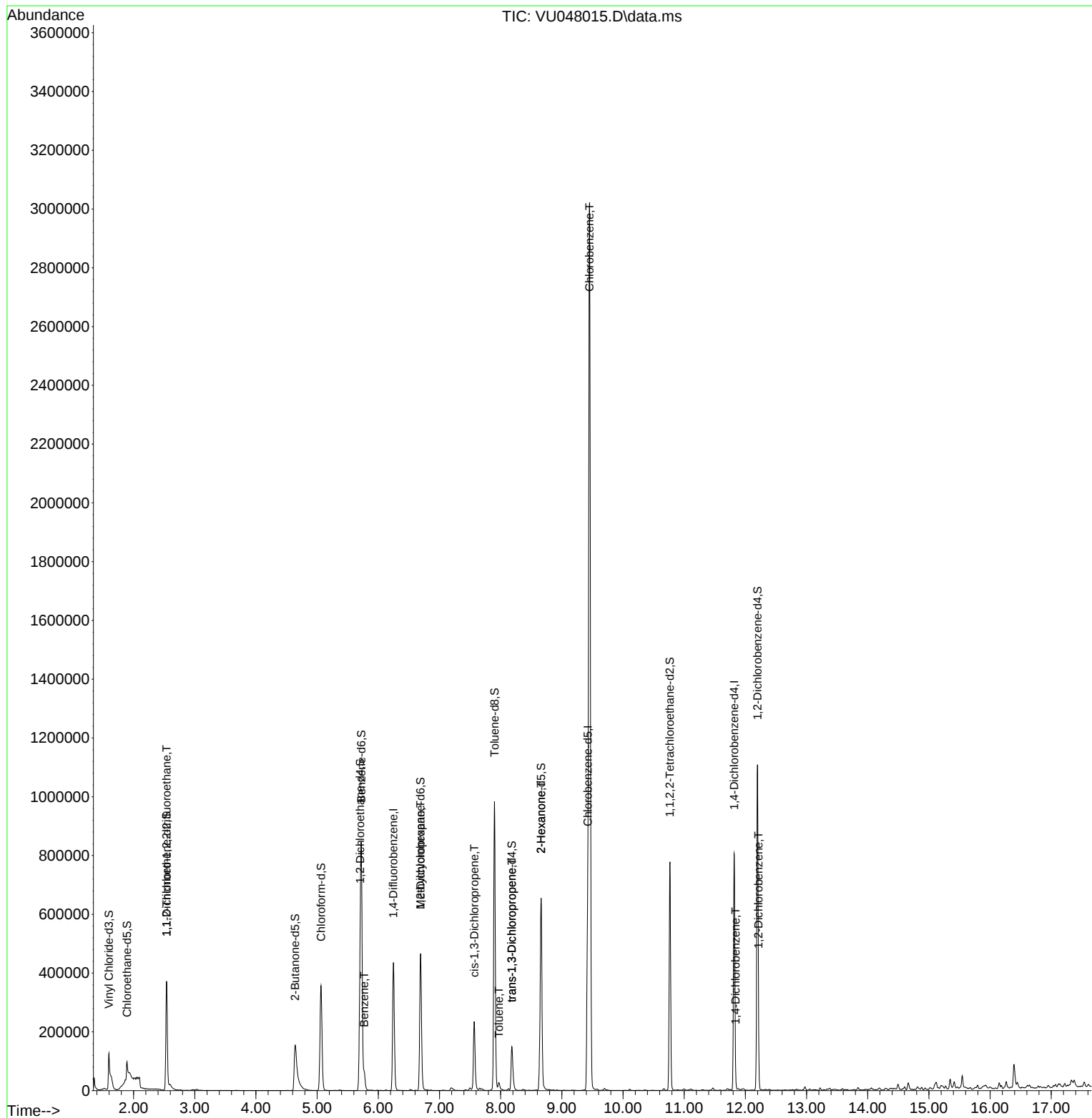
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	392939	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	411750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	227055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	177841	62.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.820%			
7) Chloroethane-d5	1.893	69	56376	25.092	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 50.180%#			
11) 1,1-Dichloroethene-d2	2.539	63	244653	46.928	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.860%			
21) 2-Butanone-d5	4.642	46	349547	142.920	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 142.920%#			
24) Chloroform-d	5.063	84	354887	68.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.140%#			
26) 1,2-Dichloroethane-d4	5.703	65	233788	73.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 146.220%#			
32) Benzene-d6	5.723	84	747356	72.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 144.260%#			
36) 1,2-Dichloropropane-d6	6.690	67	242941	76.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 152.700%#			
41) Toluene-d8	7.899	98	686685	68.026	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 136.060%#			
43) trans-1,3-Dichloroprop...	8.182	79	103606	64.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 128.540%#			
47) 2-Hexanone-d5	8.661	63	280487	150.582	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 150.580%#			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	379264	69.454	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 138.900%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	300735	74.448	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 148.900%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	2430	0.839	ug/L #	18
33) Benzene	5.771	78	56789	4.765	ug/L	100
35) Methylcyclohexane	6.690	83	55908	11.761	ug/L #	21
39) cis-1,3-Dichloropropene	7.568	75	6222	1.324	ug/L #	57
42) Toluene	7.973	91	19227	1.470	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	4001	0.852	ug/L #	75
48) 2-Hexanone	8.661	43	31576	7.666	ug/L #	53
51) Chlorobenzene	9.452	112	1918148	216.026	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	7498	1.061	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	5209	0.763	ug/L #	89

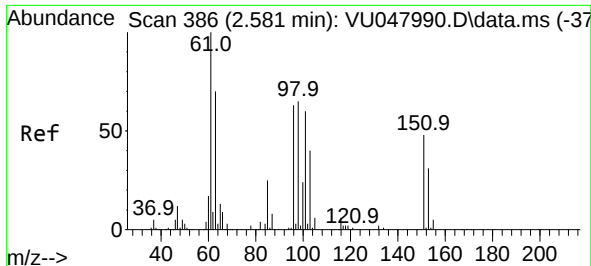
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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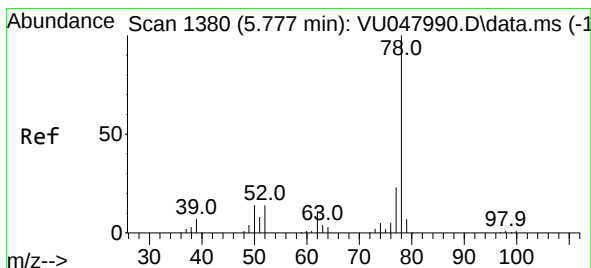
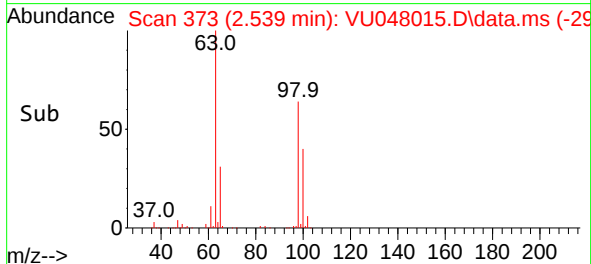
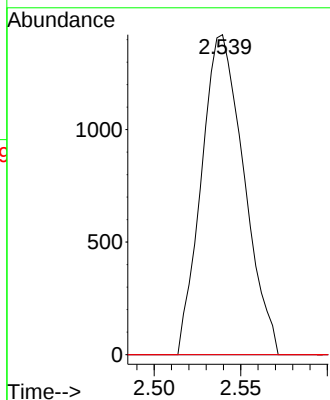
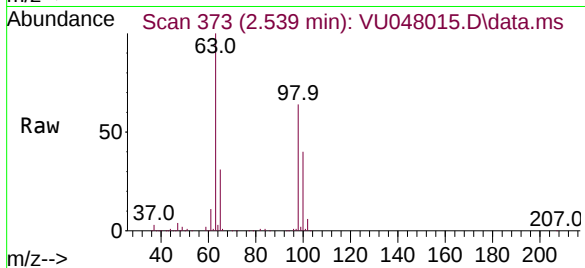




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.839 ug/L
RT: 2.539 min Scan# 31
Delta R.T. -0.042 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

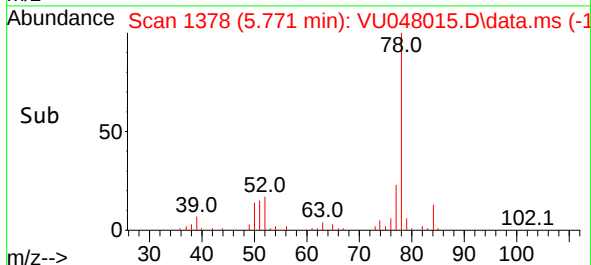
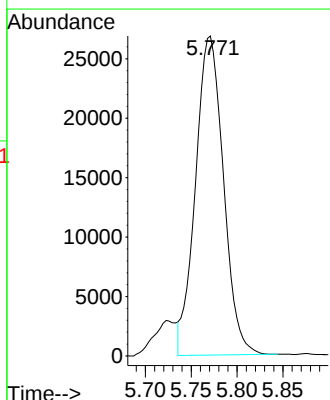
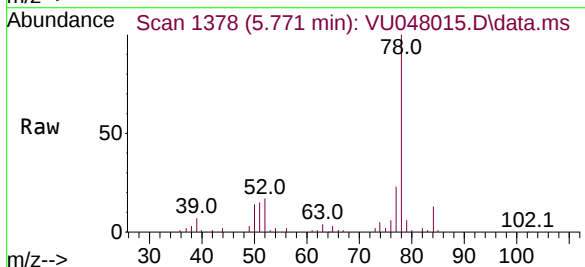
Instrument :
MSVOA_U
ClientSampleId :
ETNQ2ME

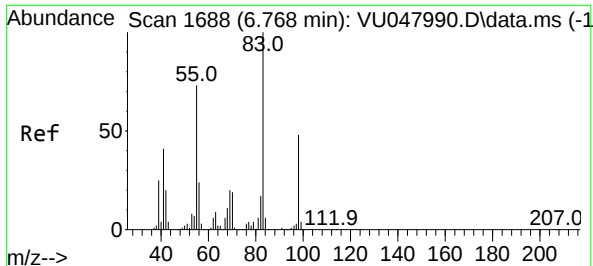
Tgt Ion:101 Resp: 2430
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#33
Benzene
Concen: 4.765 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

Tgt Ion: 78 Resp: 56789

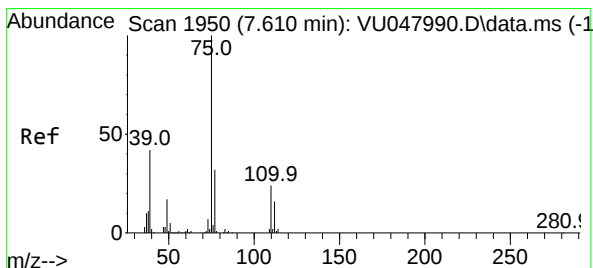
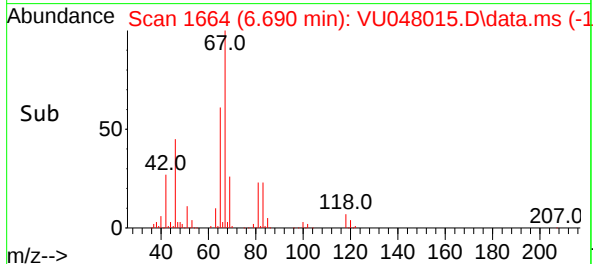
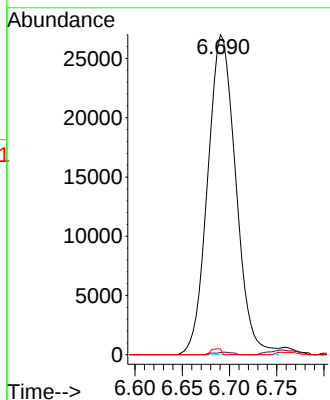
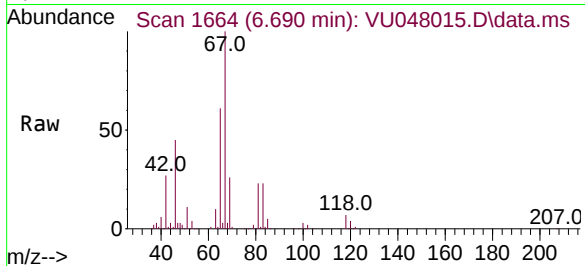




#35
Methylcyclohexane
Concen: 11.761 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

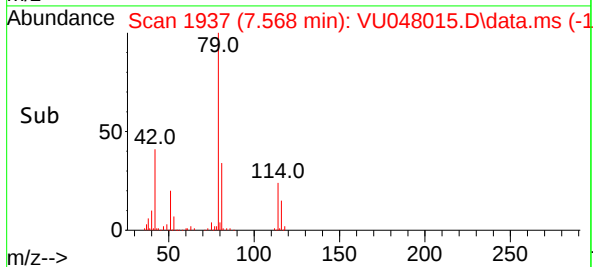
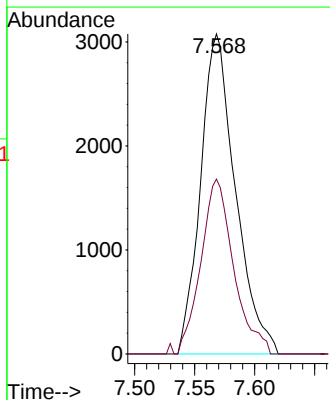
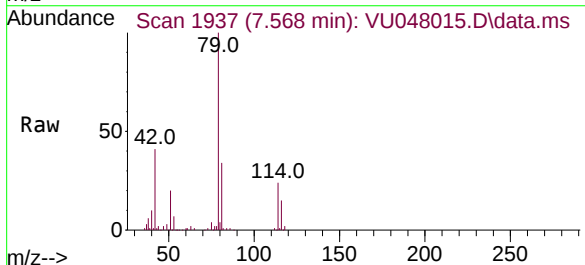
Instrument :
MSVOA_U
ClientSampleId :
ETNQ2ME

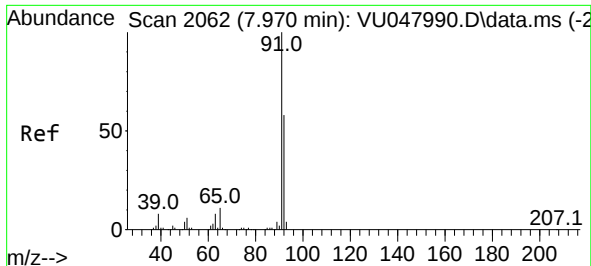
Tgt Ion: 83 Resp: 55908
Ion Ratio Lower Upper
83 100
55 0.4 56.8 85.2#
98 0.6 38.1 57.1#



#39
cis-1,3-Dichloropropene
Concen: 1.324 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

Tgt Ion: 75 Resp: 6222
Ion Ratio Lower Upper
75 100
77 54.7 21.8 40.6#





#42

Toluene

Concen: 1.470 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU048015.D

Acq: 13 Apr 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

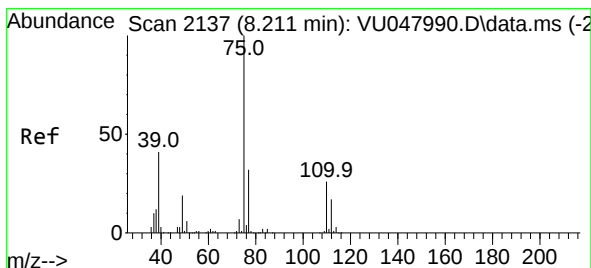
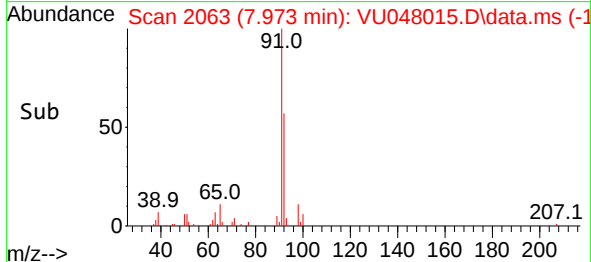
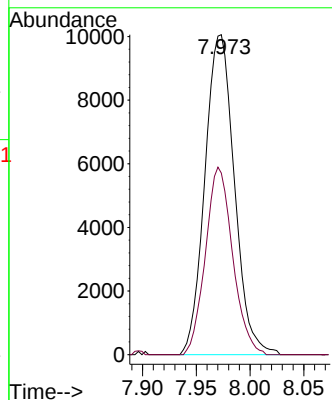
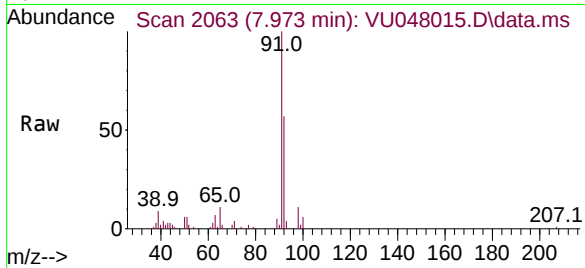
ETNQ2ME

Tgt Ion: 91 Resp: 19227

Ion Ratio Lower Upper

91 100

92 56.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.852 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048015.D

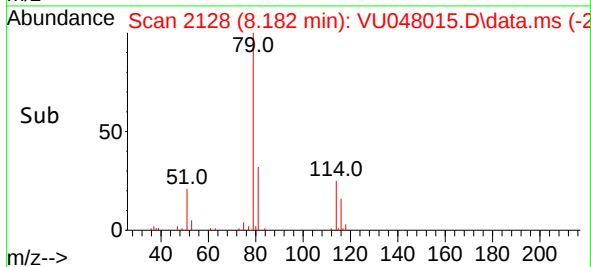
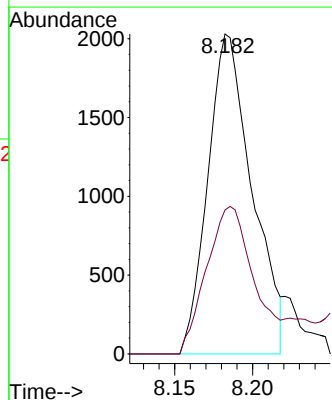
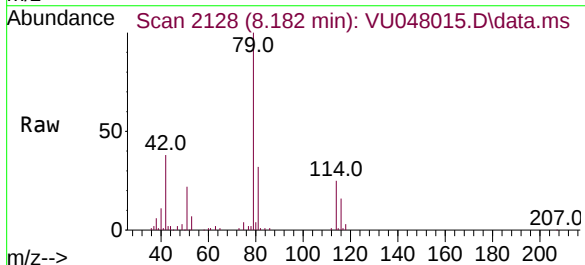
Acq: 13 Apr 2022 19:40

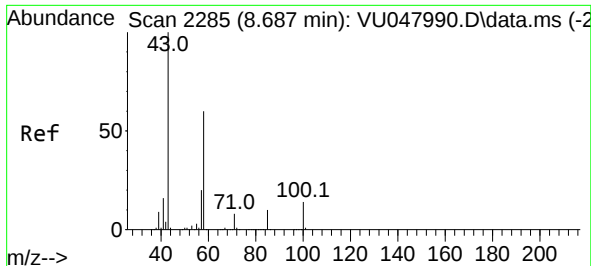
Tgt Ion: 75 Resp: 4001

Ion Ratio Lower Upper

75 100

77 45.0 22.0 40.8#

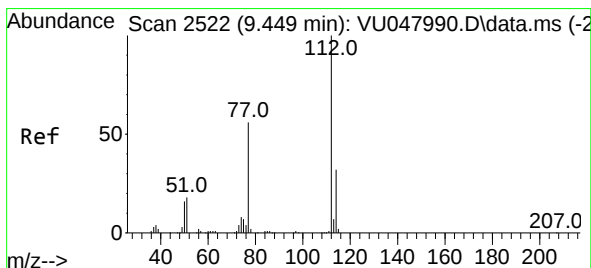
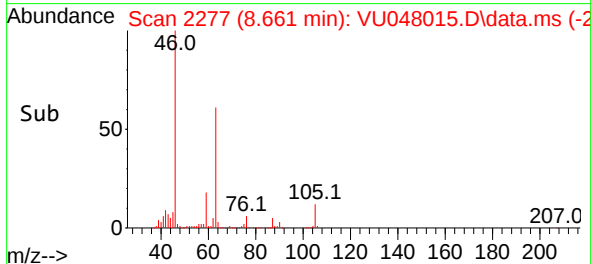
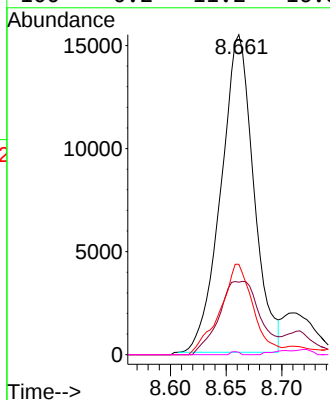
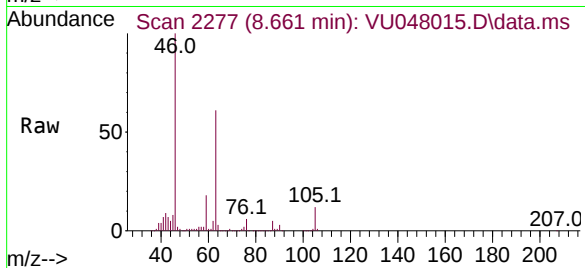




#48
2-Hexanone
Concen: 7.666 ug/L
RT: 8.661 min Scan# 21
Delta R.T. -0.026 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

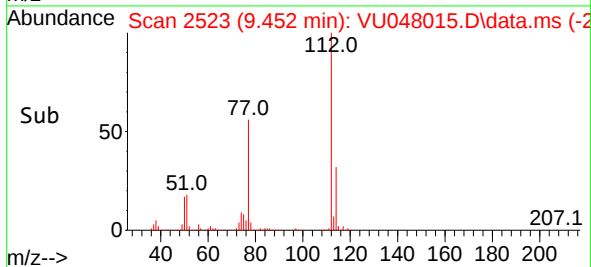
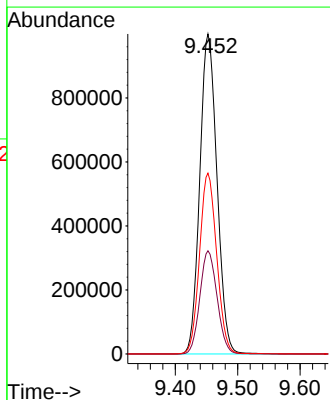
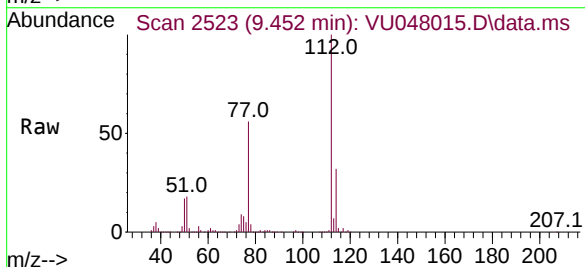
Instrument :
MSVOA_U
ClientSampleId :
ETNQ2ME

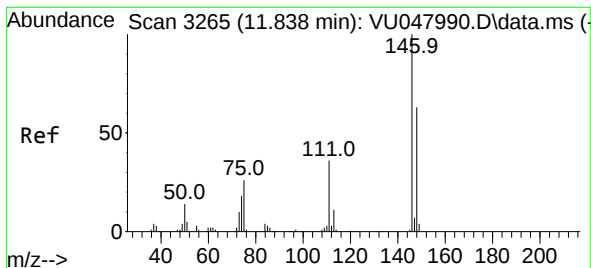
Tgt Ion:	43	Resp:	31576
Ion	Ratio	Lower	Upper
43	100		
58	14.9	48.1	72.1#
57	29.0	16.2	24.4#
100	0.2	11.2	16.8#



#51
Chlorobenzene
Concen: 216.026 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

Tgt Ion:	112	Resp:	1918148
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.1	41.1
77	56.5	43.4	65.0





#65

1,4-Dichlorobenzene

Concen: 1.061 ug/L

RT: 11.841 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048015.D

Acq: 13 Apr 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

ETNQ2ME

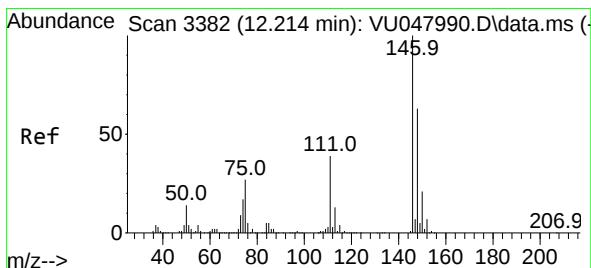
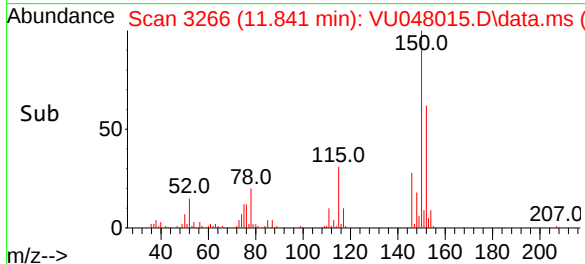
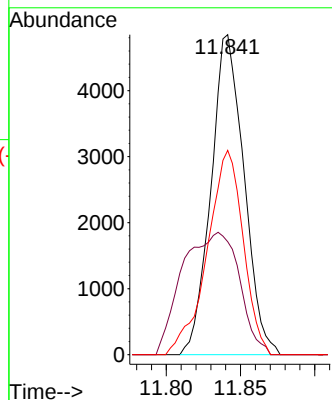
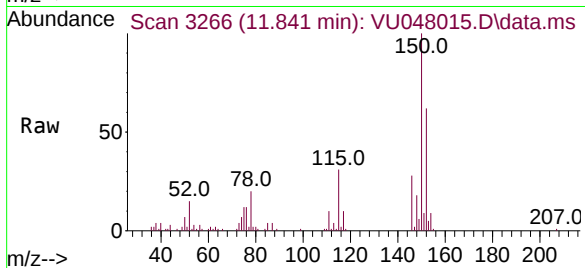
Tgt Ion:146 Resp: 7498

Ion Ratio Lower Upper

146 100

111 35.3 25.3 47.1

148 63.9 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 0.763 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU048015.D

Acq: 13 Apr 2022 19:40

Tgt Ion:146 Resp: 5209

Ion Ratio Lower Upper

146 100

111 57.1 31.7 47.5#

148 64.7 51.4 77.2

