

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048056.D
 Acq On : 14 Apr 2022 14:25
 Operator : SY/MD
 Sample : N2316-06ME
 Misc : 6.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ4ME

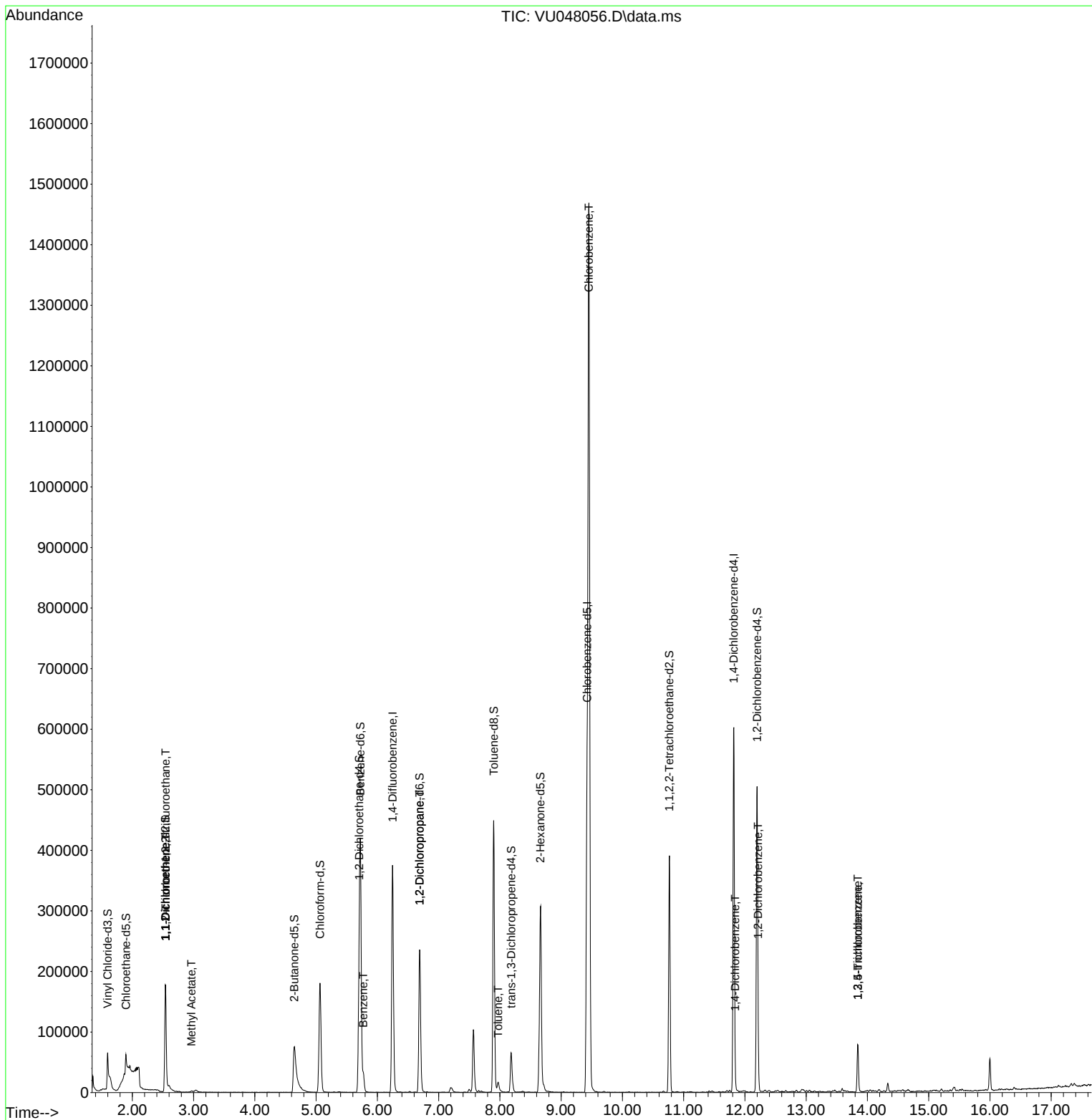
Quant Time: Apr 15 02:26:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

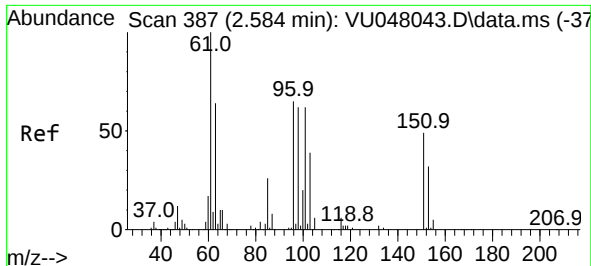
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	334825	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	340434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	169719	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86764	35.734	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.460%		
7) Chloroethane-d5	1.896	69	49270	25.735	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	51.480%#		
11) 1,1-Dichloroethene-d2	2.539	63	116703	26.271	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.540%#		
21) 2-Butanone-d5	4.645	46	174040	83.511	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.510%		
24) Chloroform-d	5.063	84	180278	40.579	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.160%		
26) 1,2-Dichloroethane-d4	5.703	65	120500	44.224	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.440%		
32) Benzene-d6	5.723	84	370993	43.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.620%		
36) 1,2-Dichloropropane-d6	6.690	67	122494	46.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.120%		
41) Toluene-d8	7.899	98	319458	38.276	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.560%#		
43) trans-1,3-Dichloroprop...	8.186	79	45529	34.160	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.320%		
47) 2-Hexanone-d5	8.661	63	130863	84.973	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.970%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	194884	43.165	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.320%		
66) 1,2-Dichlorobenzene-d4	12.198	152	137366	45.493	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	873	0.354	ug/L #	18
12) 1,1-Dichloroethene	2.543	96	1052	0.458	ug/L #	1
15) Methyl Acetate	2.964	43	2531	0.818	ug/L #	78
33) Benzene	5.771	78	31164	3.163	ug/L	100
37) 1,2-Dichloropropane	6.690	63	11970	4.778	ug/L #	87
42) Toluene	7.970	91	12213	1.130	ug/L	99
51) Chlorobenzene	9.452	112	925232	126.031	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	6127	1.160	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	10234	2.006	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.841	180	26940	6.506	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	26940	7.428	ug/L	97

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

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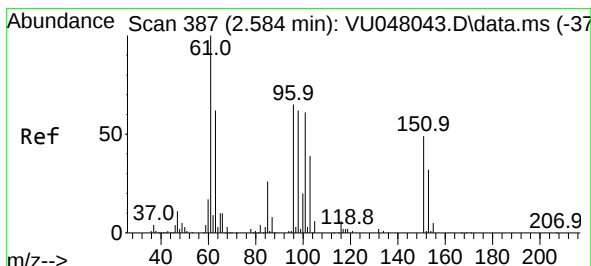
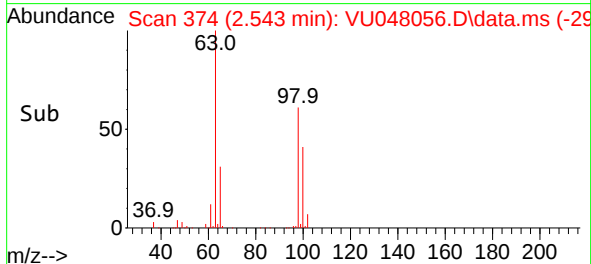
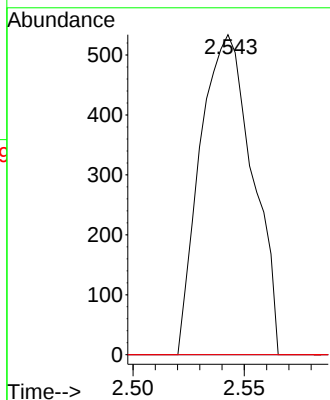
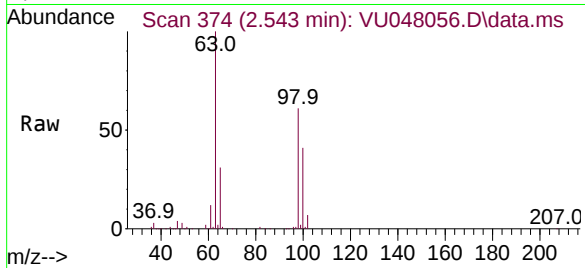




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.354 ug/L
 RT: 2.543 min Scan# 31
 Delta R.T. -0.042 min
 Lab File: VU048056.D
 Acq: 14 Apr 2022 14:25

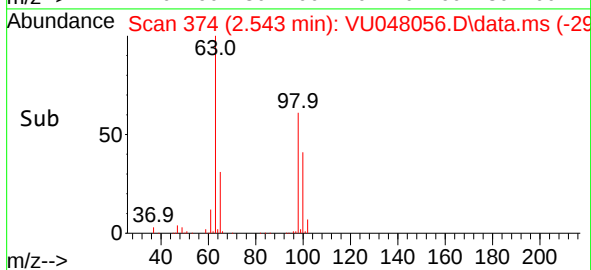
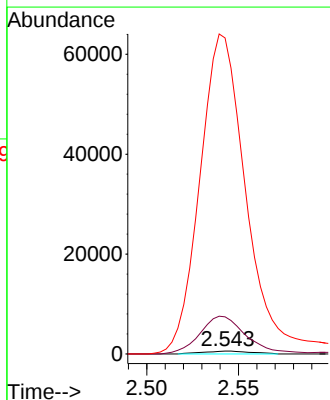
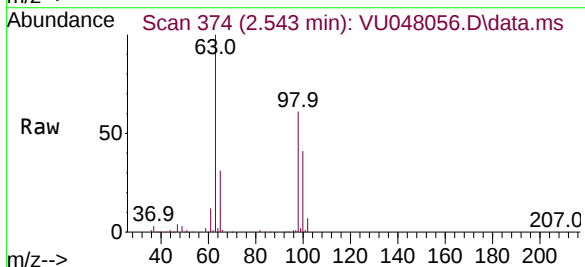
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ4ME

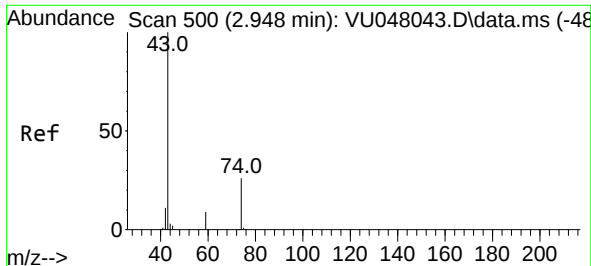
Tgt Ion:101 Resp: 873
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.458 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.042 min
 Lab File: VU048056.D
 Acq: 14 Apr 2022 14:25

Tgt Ion: 96 Resp: 1052
 Ion Ratio Lower Upper
 96 100
 61 1270.1 113.1 210.1#
 63 10798.6 94.8 176.0#

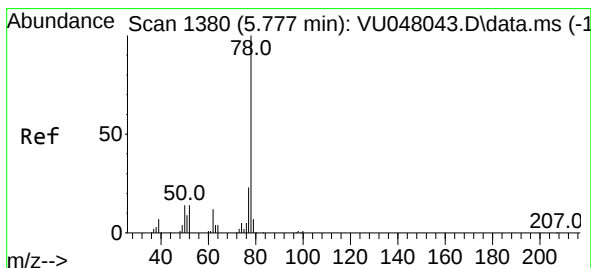
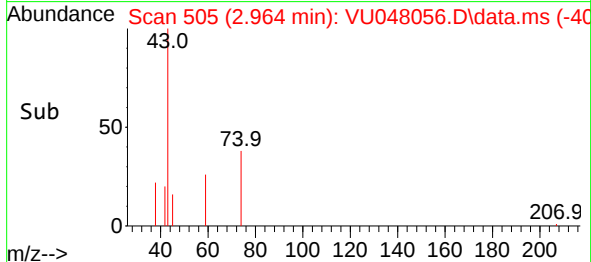
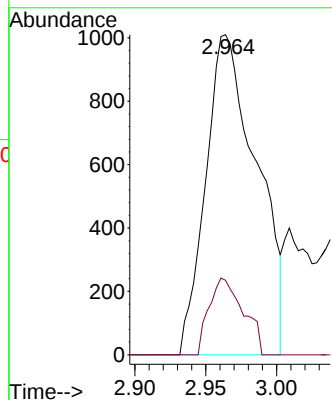
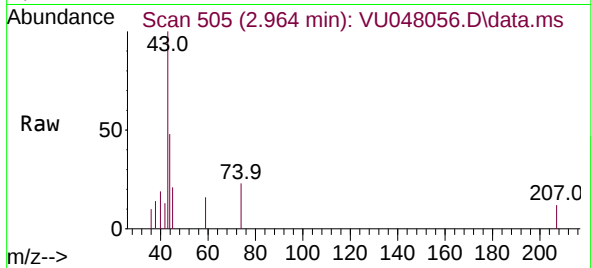




#15
Methyl Acetate
Concen: 0.818 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.016 min
Lab File: VU048056.D
Acq: 14 Apr 2022 14:25

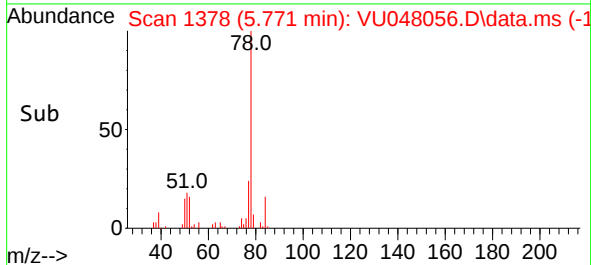
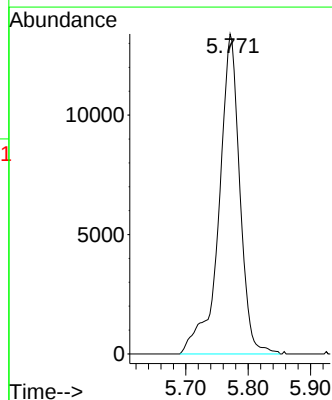
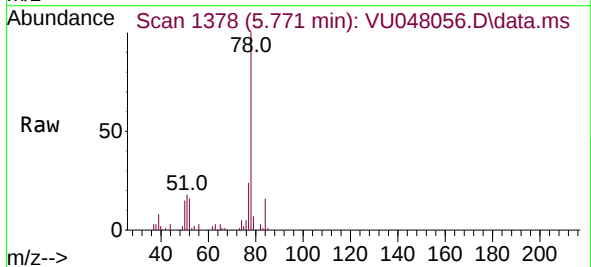
Instrument :
MSVOA_U
ClientSampleId :
ETNQ4ME

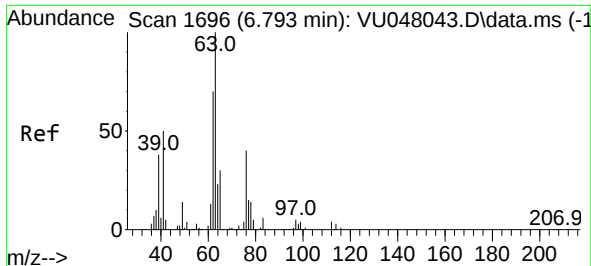
Tgt Ion: 43 Resp: 2531
Ion Ratio Lower Upper
43 100
74 16.1 22.2 33.2#



#33
Benzene
Concen: 3.163 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU048056.D
Acq: 14 Apr 2022 14:25

Tgt Ion: 78 Resp: 31164





#37

1,2-Dichloropropane

Concen: 4.778 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048056.D

Acq: 14 Apr 2022 14:25

Instrument :

MSVOA_U

ClientSampleId :

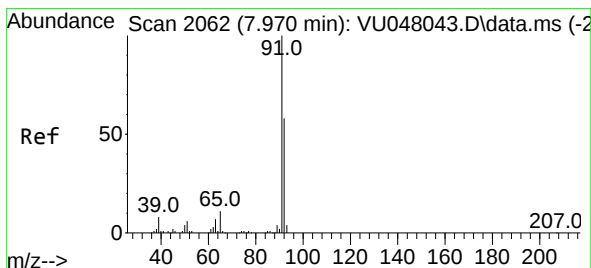
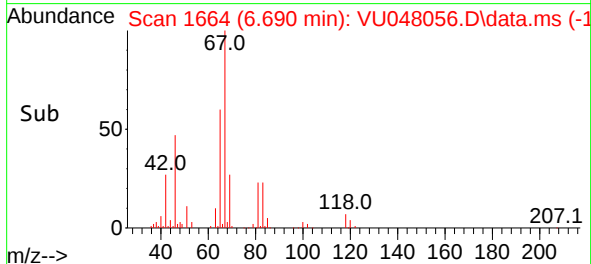
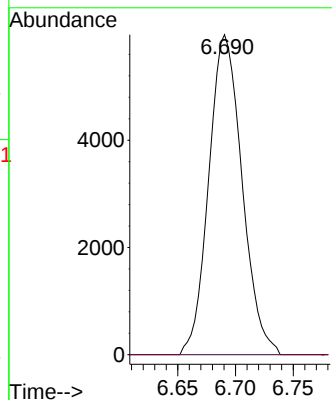
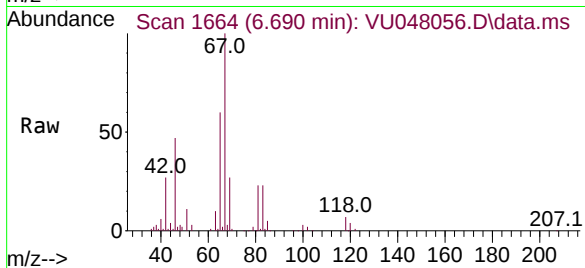
ETNQ4ME

Tgt Ion: 63 Resp: 11970

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 1.130 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048056.D

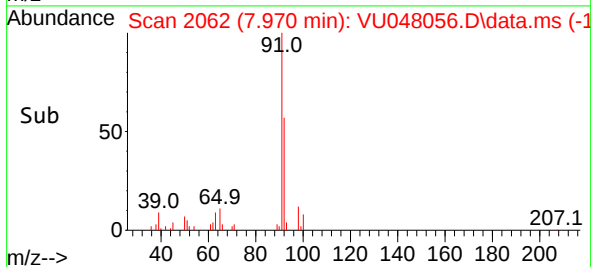
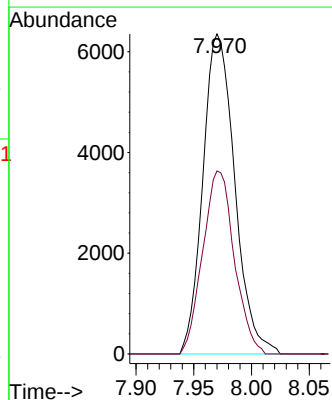
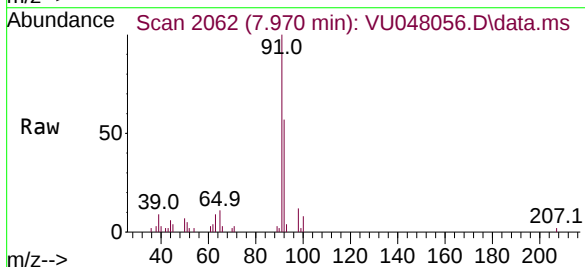
Acq: 14 Apr 2022 14:25

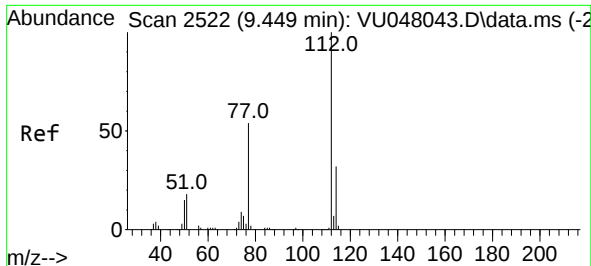
Tgt Ion: 91 Resp: 12213

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0

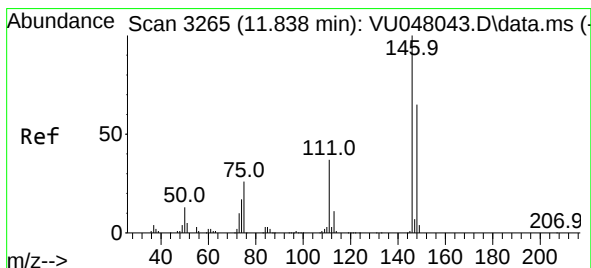
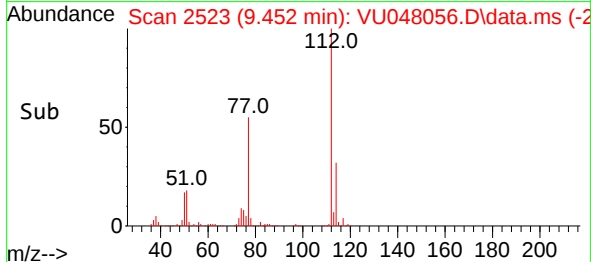
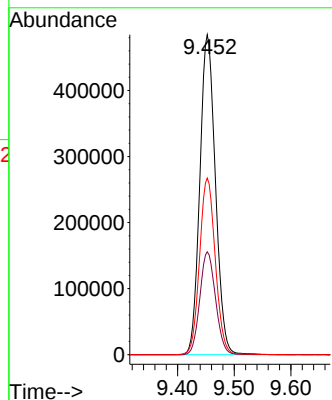
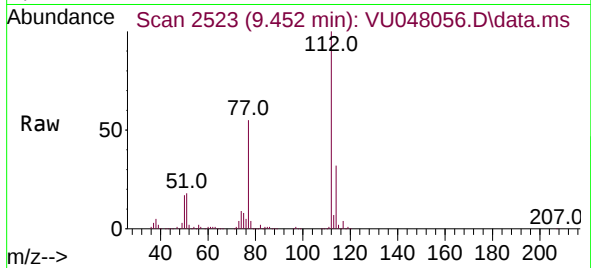




#51
Chlorobenzene
Concen: 126.031 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048056.D
Acq: 14 Apr 2022 14:25

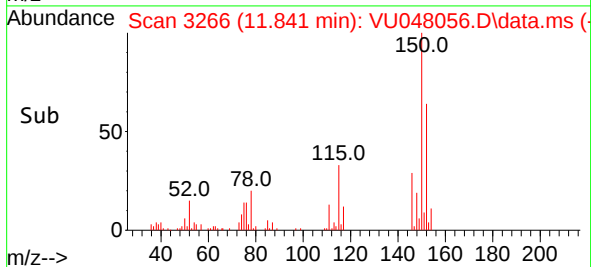
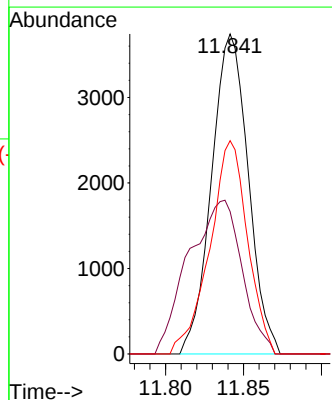
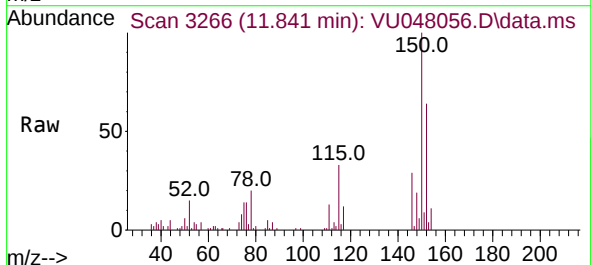
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MSVOA_U
ClientSampleId :
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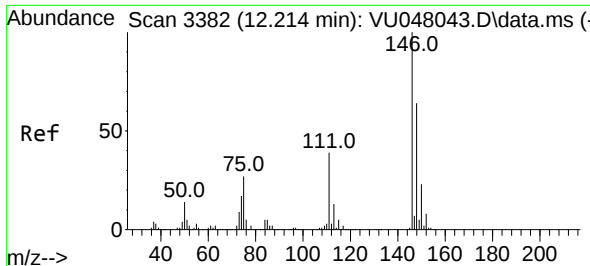
Tgt Ion:112 Resp: 925232
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 55.2 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.160 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048056.D
Acq: 14 Apr 2022 14:25

Tgt Ion:146 Resp: 6127
Ion Ratio Lower Upper
146 100
111 41.2 25.3 47.1
148 61.8 44.5 82.7

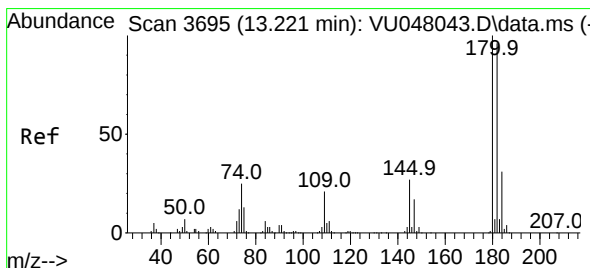
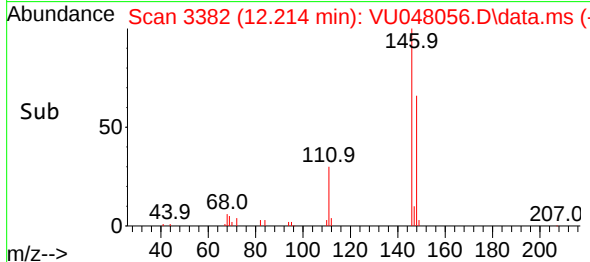
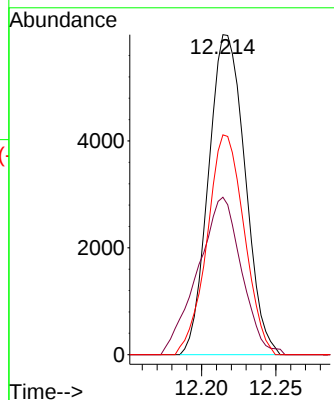
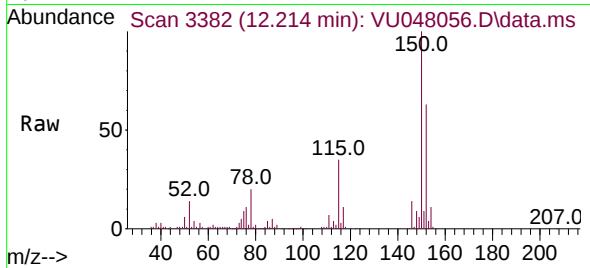




#67
1,2-Dichlorobenzene
Concen: 2.006 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048056.D
Acq: 14 Apr 2022 14:25

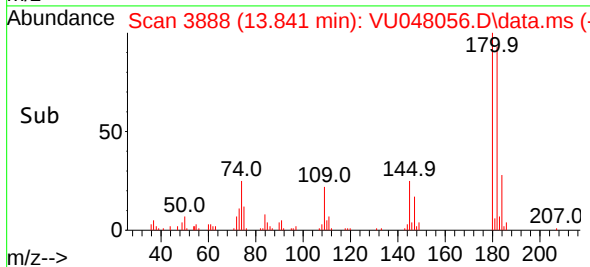
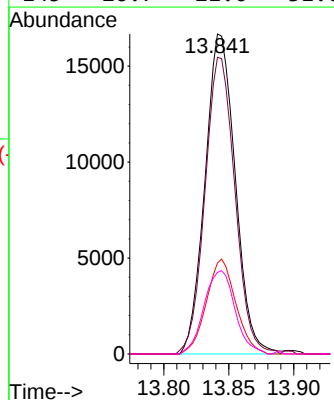
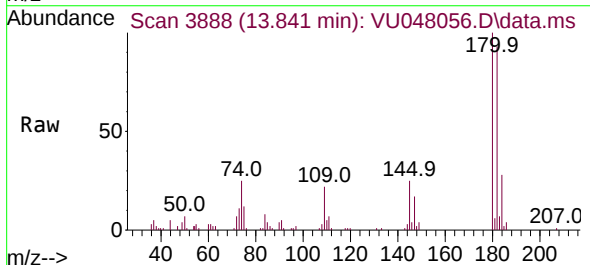
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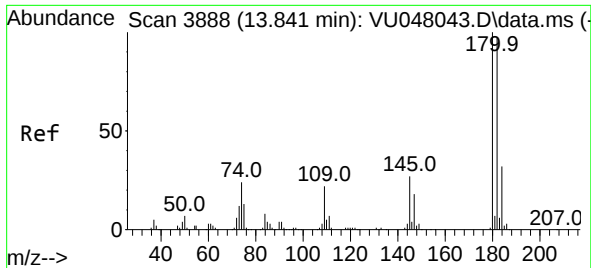
Tgt Ion:146 Resp: 10234
Ion Ratio Lower Upper
146 100
111 49.2 31.7 47.5#
148 68.7 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 6.506 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048056.D
Acq: 14 Apr 2022 14:25

Tgt Ion:180 Resp: 26940
Ion Ratio Lower Upper
180 100
182 92.0 77.0 115.6
184 28.9 24.5 36.7
145 26.7 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 7.428 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048056.D
 Acq: 14 Apr 2022 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ4ME

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.2	114.2
145	26.7	21.8	32.8

