

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048341.D
 Acq On : 28 Apr 2022 15:13
 Operator : SY/MD
 Sample : N2587-11DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:30:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

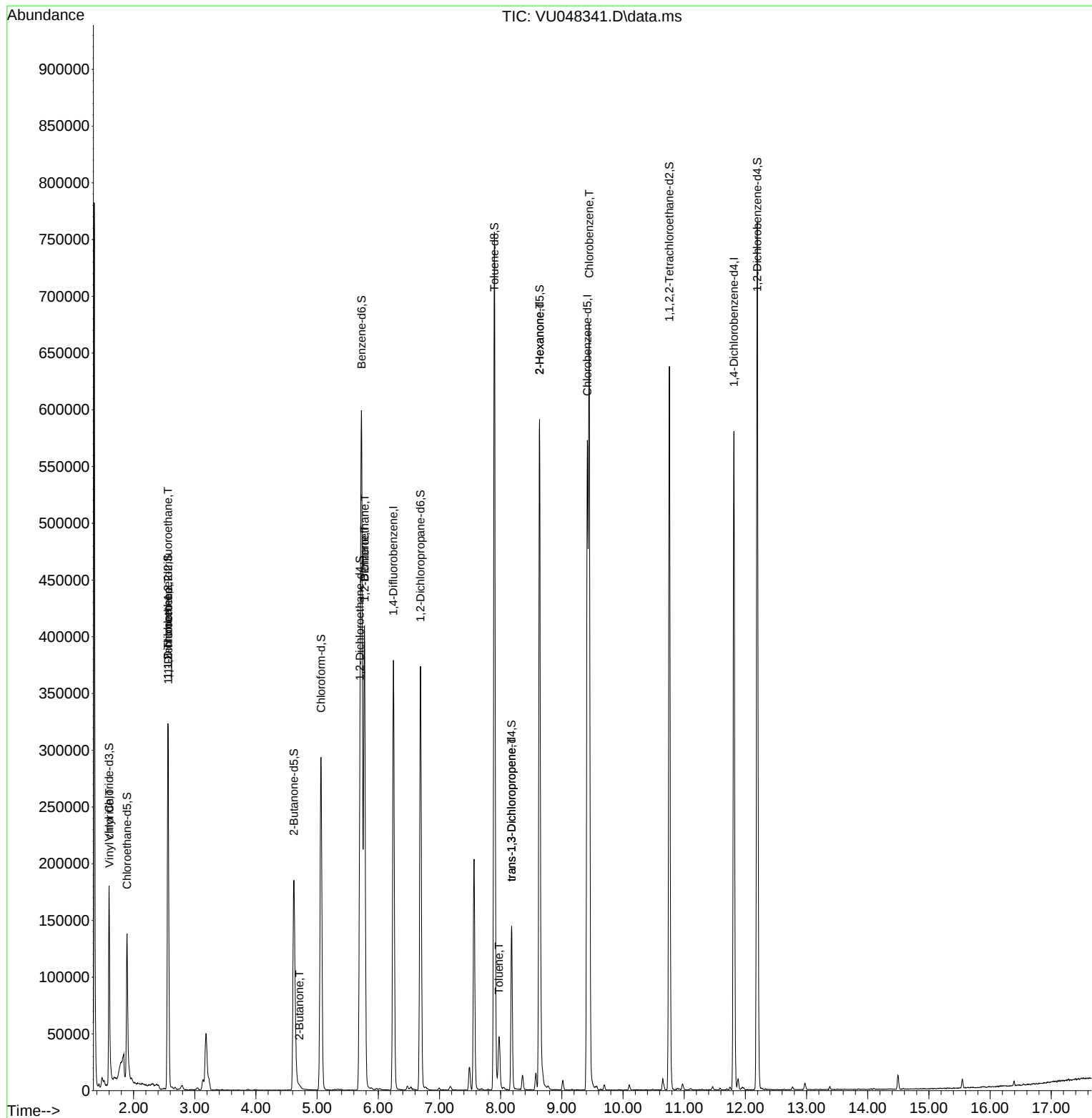
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	326880	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	138886	46.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.400%			
7) Chloroethane-d5	1.893	69	116124	55.036	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.080%			
11) 1,1-Dichloroethene-d2	2.562	63	187136	38.855	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.700%			
21) 2-Butanone-d5	4.620	46	266422	103.919	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.920%			
24) Chloroform-d	5.063	84	274661	50.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.760%			
26) 1,2-Dichloroethane-d4	5.700	65	174289	53.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.760%			
32) Benzene-d6	5.726	84	577238	55.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.400%			
36) 1,2-Dichloropropane-d6	6.690	67	187845	54.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.660%			
41) Toluene-d8	7.896	98	518988	54.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.500%			
43) trans-1,3-Dichloroprop...	8.179	79	80529	52.786	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.580%			
47) 2-Hexanone-d5	8.636	63	211706	113.496	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.500%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	317829	52.416	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.840%			
66) 1,2-Dichlorobenzene-d4	12.195	152	214933	56.931	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.860%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2851	1.001	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1986	0.807	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1820	0.847	ug/L #	1
22) 2-Butanone	4.710	43	3243	1.332	ug/L #	62
27) 1,2-Dichloroethane	5.777	62	3962	1.139	ug/L #	72
33) Benzene	5.774	78	402428	40.992	ug/L	100
42) Toluene	7.970	91	23590	2.289	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	3475	0.906	ug/L	96
48) 2-Hexanone	8.636	43	22106	6.284	ug/L #	70
51) Chlorobenzene	9.446	112	378344	50.925	ug/L	99

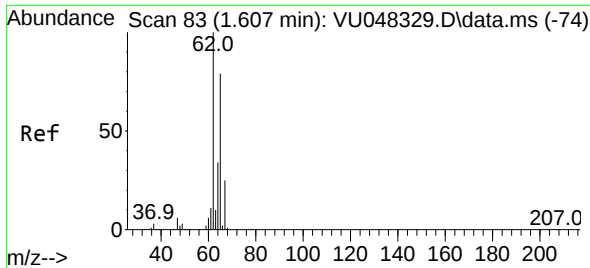
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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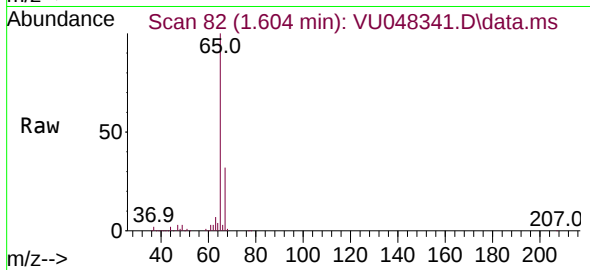
Quant Time: Apr 29 04:30:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
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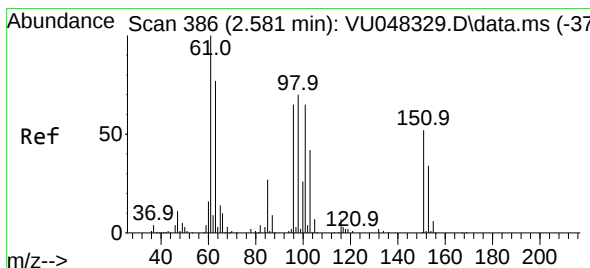
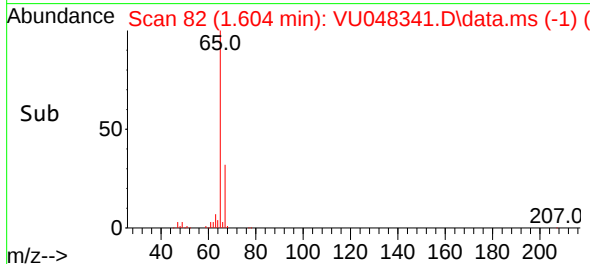
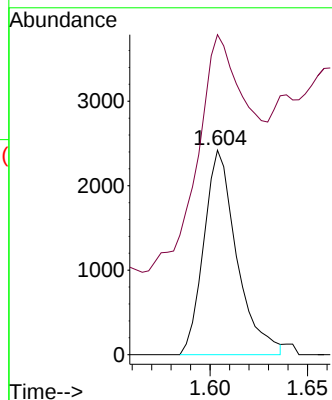


#5
 Vinyl chloride
 Concen: 1.001 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048341.D
 Acq: 28 Apr 2022 15:13

Instrument :
 MSVOA_U
 ClientSampleId :

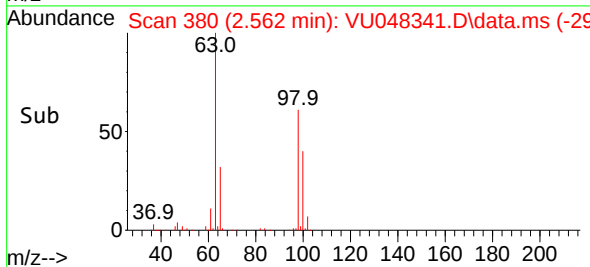
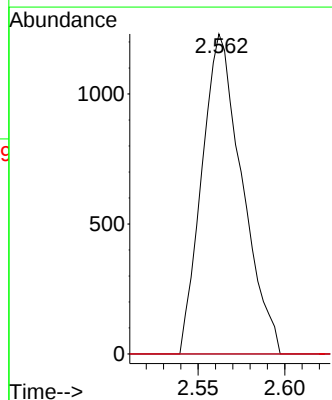
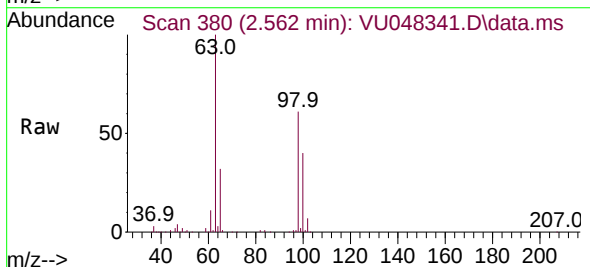


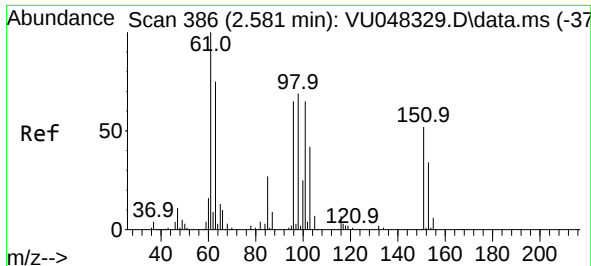
Tgt Ion: 62 Resp: 2851
 Ion Ratio Lower Upper
 62 100
 64 156.5 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.807 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU048341.D
 Acq: 28 Apr 2022 15:13

Tgt Ion: 101 Resp: 1986
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.847 ug/L

RT: 2.565 min Scan# 386

Delta R.T. -0.016 min

Lab File: VU048341.D

Acq: 28 Apr 2022 15:13

Instrument :

MSVOA_U

ClientSampleId :

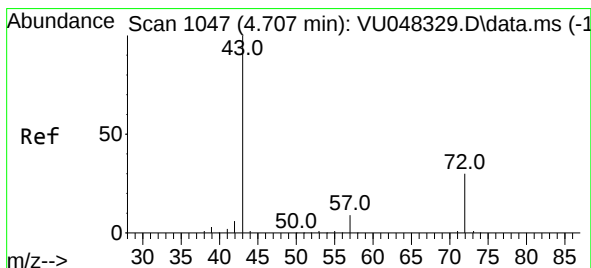
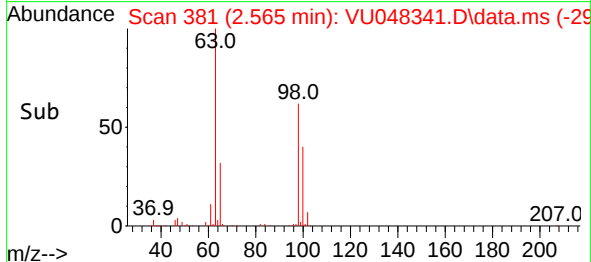
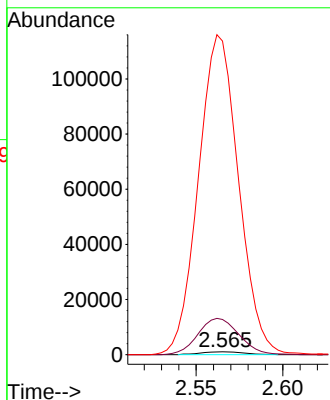
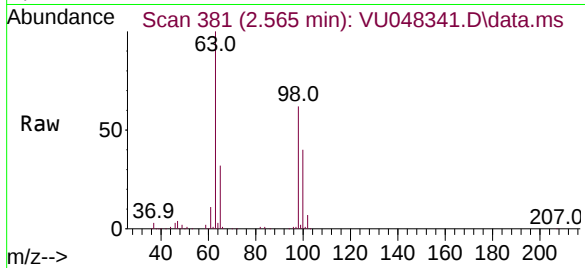
Tgt Ion: 96 Resp: 1820

Ion Ratio Lower Upper

96 100

61 1236.2 107.9 200.3#

63 11022.5 80.3 149.1#



#22

2-Butanone

Concen: 1.332 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU048341.D

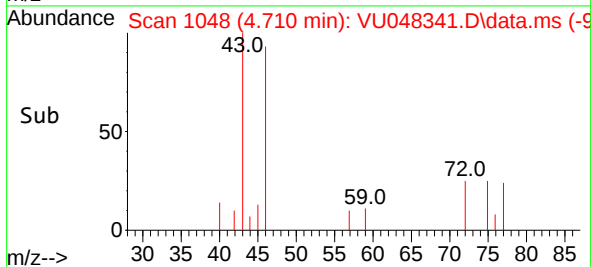
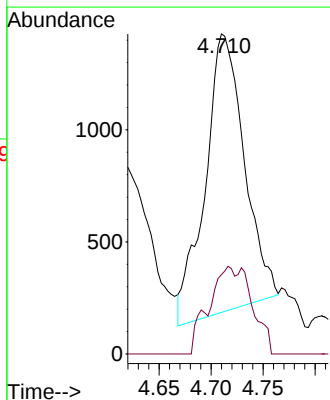
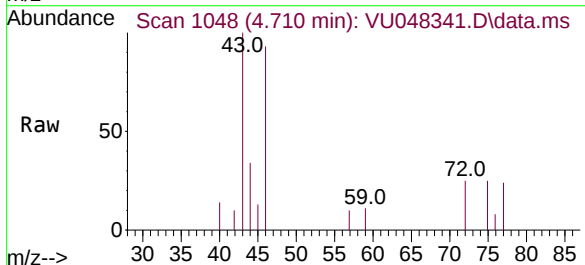
Acq: 28 Apr 2022 15:13

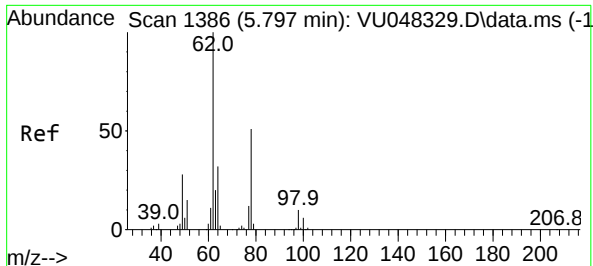
Tgt Ion: 43 Resp: 3243

Ion Ratio Lower Upper

43 100

72 8.7 14.6 43.8#

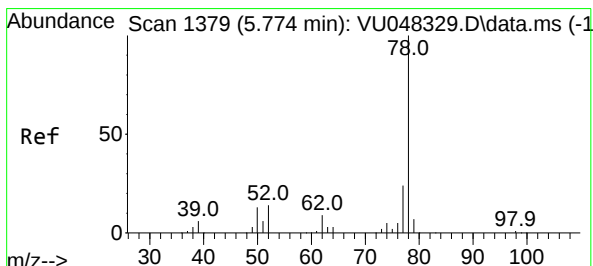
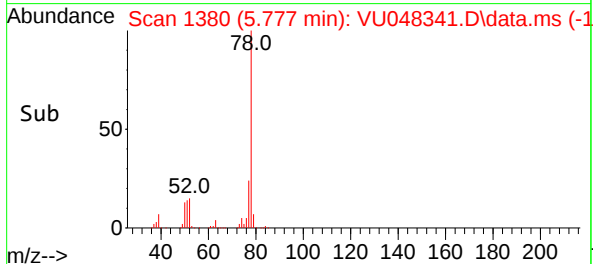
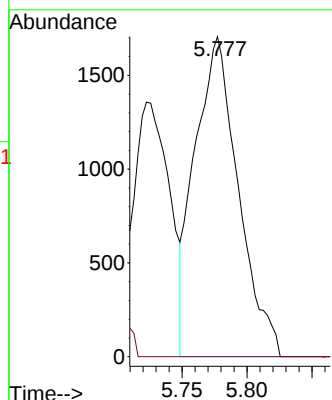
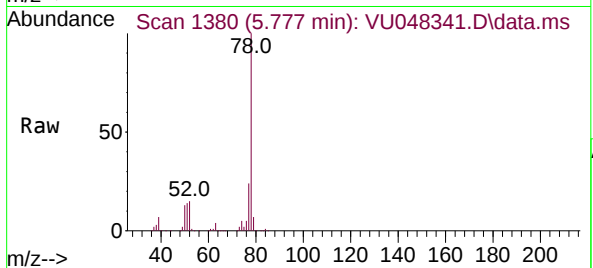




#27
1,2-Dichloroethane
Concen: 1.139 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048341.D
Acq: 28 Apr 2022 15:13

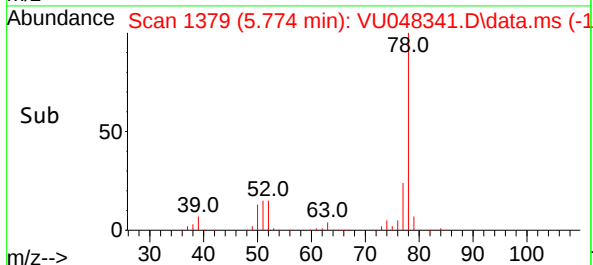
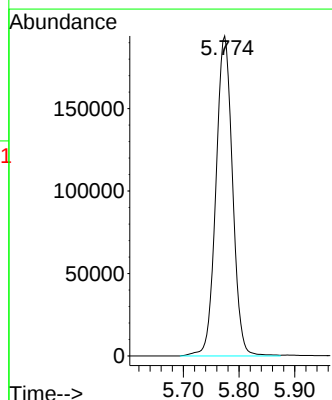
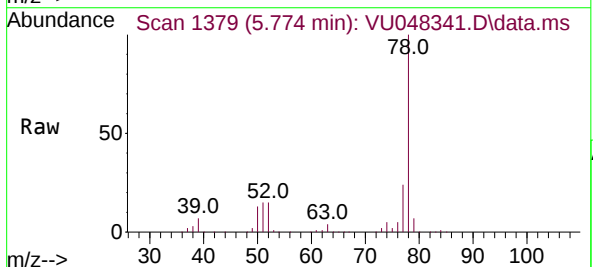
Instrument :
MSVOA_U
ClientSampleId :

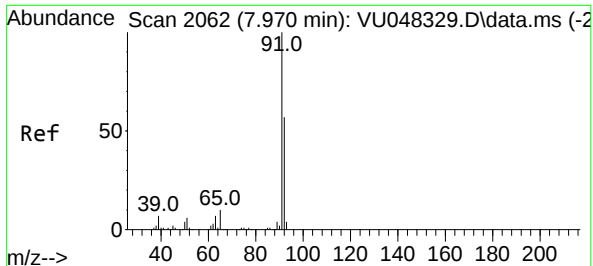
Tgt Ion: 62 Resp: 3962
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#



#33
Benzene
Concen: 40.992 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048341.D
Acq: 28 Apr 2022 15:13

Tgt Ion: 78 Resp: 402428





#42

Toluene

Concen: 2.289 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048341.D

Acq: 28 Apr 2022 15:13

Instrument :

MSVOA_U

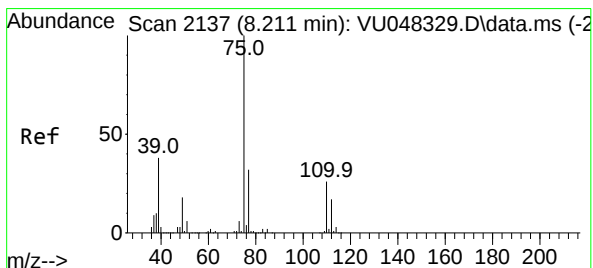
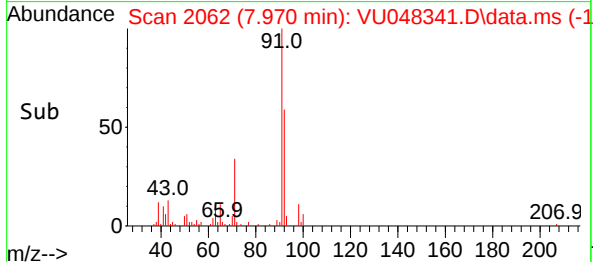
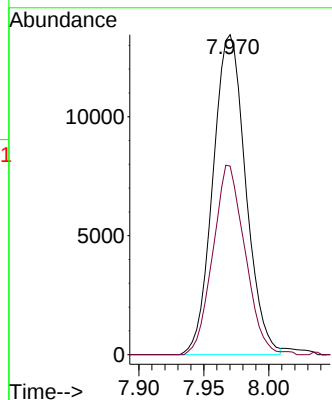
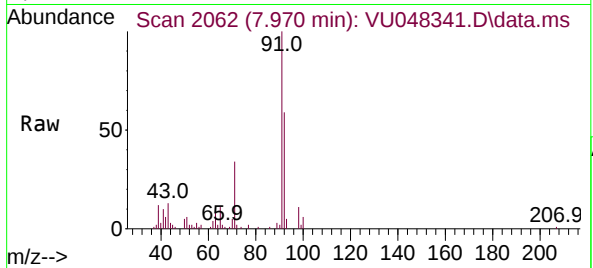
ClientSampleId :

Tgt Ion: 91 Resp: 23590

Ion Ratio Lower Upper

91 100

92 58.9 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.906 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048341.D

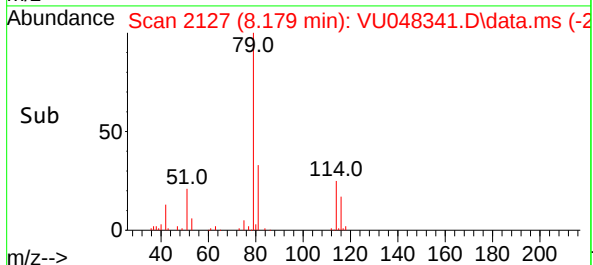
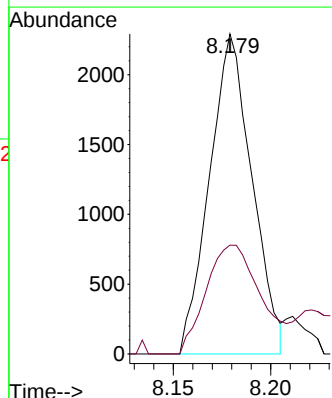
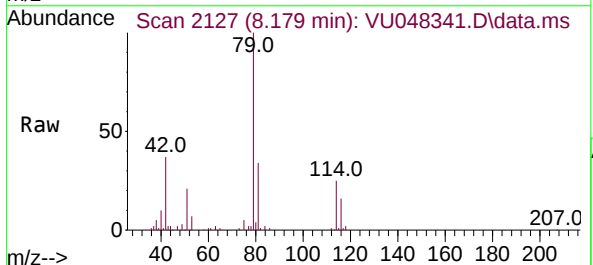
Acq: 28 Apr 2022 15:13

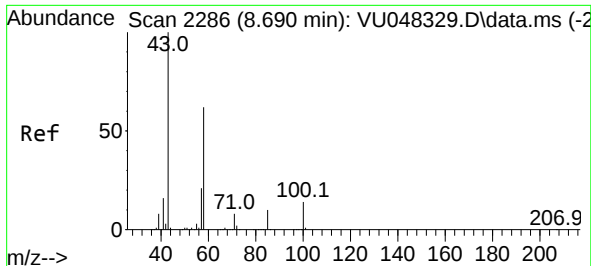
Tgt Ion: 75 Resp: 3475

Ion Ratio Lower Upper

75 100

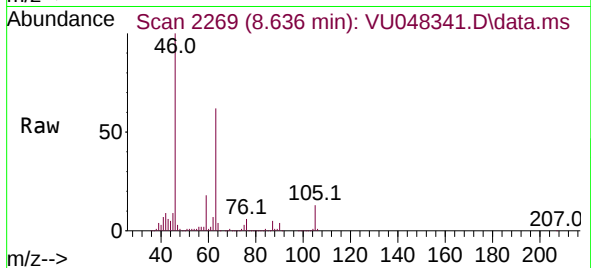
77 34.0 22.1 41.1



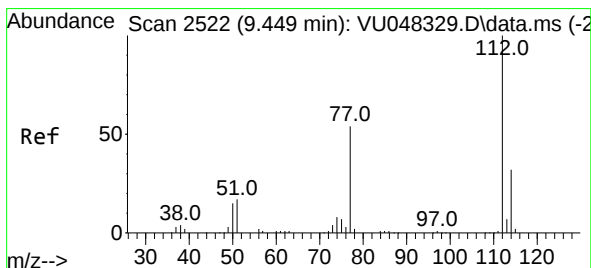
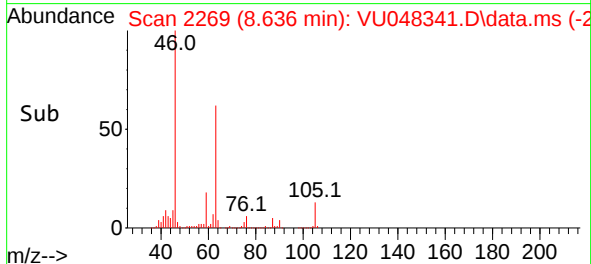
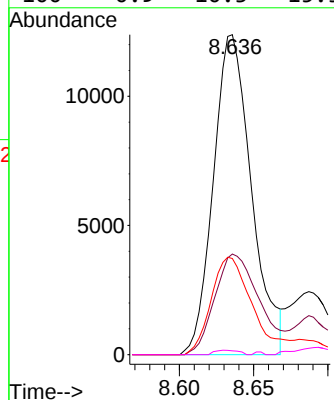


#48
2-Hexanone
Concen: 6.284 ug/L
RT: 8.636 min Scan# 2106
Delta R.T. -0.055 min
Lab File: VU048341.D
Acq: 28 Apr 2022 15:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 22106
Ion Ratio	Lower Upper
43 100	
58 36.9	48.1 72.1#
57 33.1	16.2 24.4#
100 0.9	10.3 15.5#



#51
Chlorobenzene
Concen: 50.925 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048341.D
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Tgt Ion:112	Resp: 378344		
Ion Ratio	Lower	Upper	
112 100			
114 31.8	22.7	42.1	
77 54.4	44.3	66.5	

