

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047985.D
 Acq On : 13 Apr 2022 02:42
 Operator : SY/MD
 Sample : N2358-01 4X
 Misc : 6.35g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 04:53:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

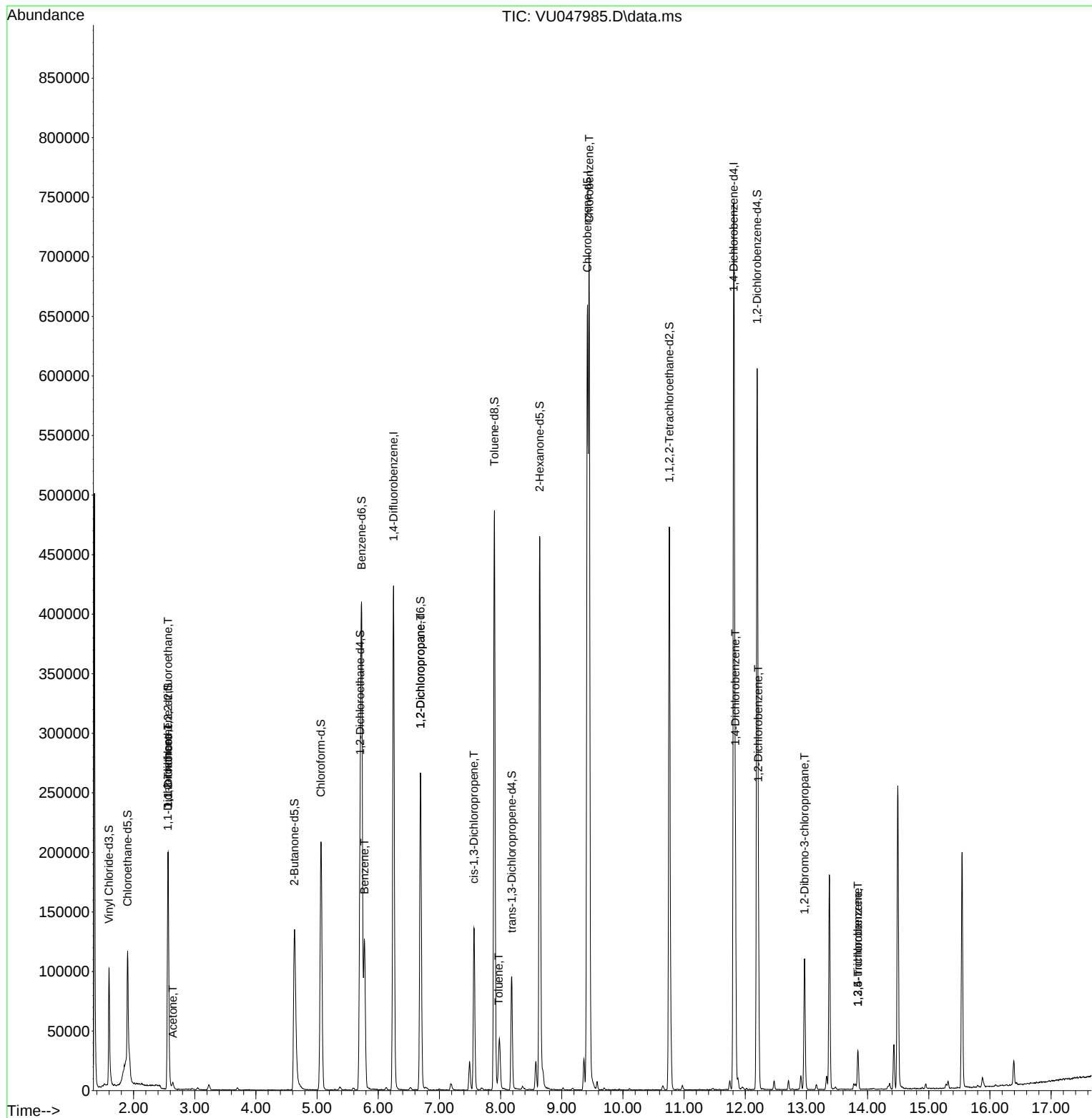
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	361363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	381560	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	202192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83887	32.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.020%		
7) Chloroethane-d5	1.903	69	72201	34.943	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.880%#		
11) 1,1-Dichloroethene-d2	2.565	63	115086	24.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	48.000%#		
21) 2-Butanone-d5	4.629	46	216969	96.464	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.460%		
24) Chloroform-d	5.063	84	196033	40.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.760%		
26) 1,2-Dichloroethane-d4	5.703	65	130847	44.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.980%		
32) Benzene-d6	5.729	84	378953	39.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.940%		
36) 1,2-Dichloropropane-d6	6.690	67	130982	44.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.840%		
41) Toluene-d8	7.899	98	327068	34.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.920%#		
43) trans-1,3-Dichloroprop...	8.182	79	55171	36.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.860%		
47) 2-Hexanone-d5	8.639	63	162820	94.328	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.330%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230732	45.597	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	161351	44.855	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1116	0.419	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	848	0.342	ug/L #	1
13) Acetone	2.642	43	7118	3.401	ug/L	95
33) Benzene	5.774	78	123138	11.149	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13856	4.935	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3195	0.733	ug/L #	47
42) Toluene	7.970	91	16184	1.336	ug/L	97
51) Chlorobenzene	9.449	112	369587	44.917	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	85053	13.520	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	48830	8.035	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.970	75	17236	14.117	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.841	180	10845	2.199	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	10845	2.510	ug/L	96

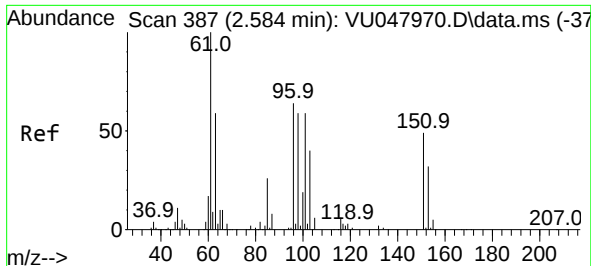
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 04:40:51 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.419 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.023 min

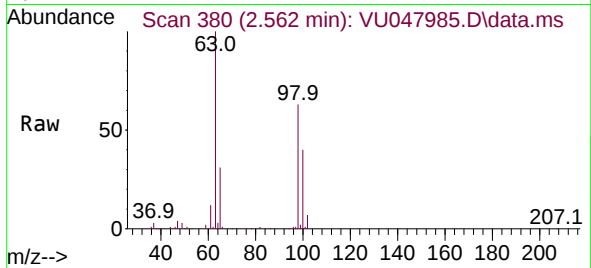
Lab File: VU047985.D

Acq: 13 Apr 2022 02:42

Instrument :

MSVOA_U

ClientSampleId :



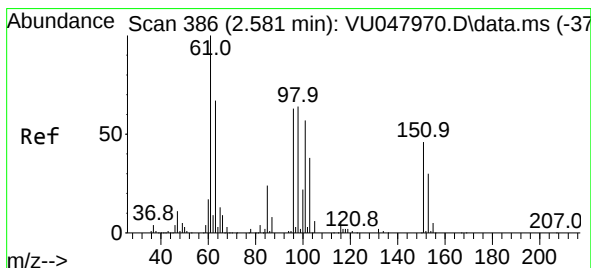
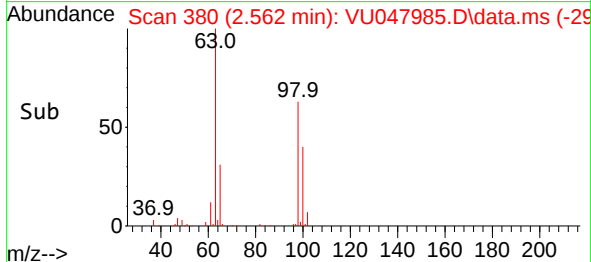
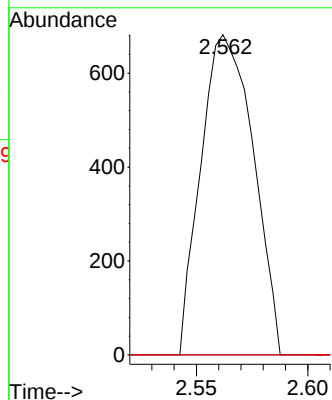
Tgt Ion:101 Resp: 1116

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: 0.342 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.023 min

Lab File: VU047985.D

Acq: 13 Apr 2022 02:42

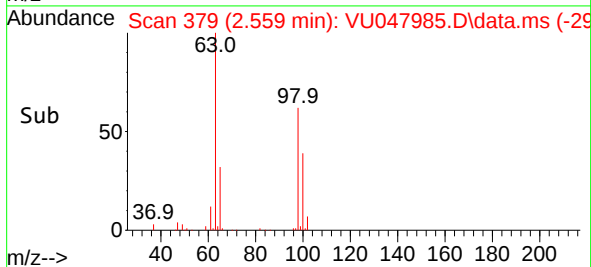
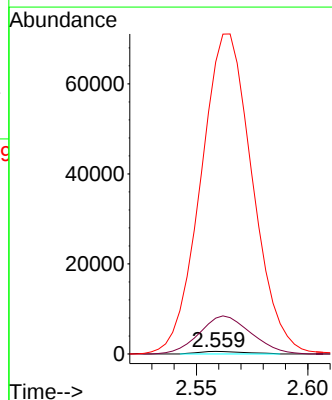
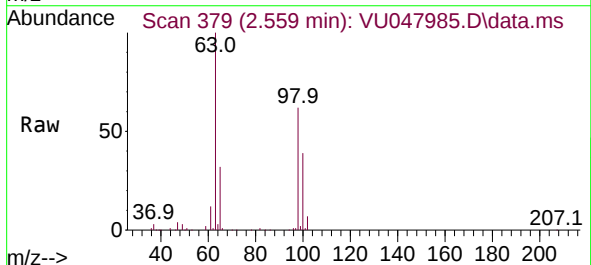
Tgt Ion: 96 Resp: 848

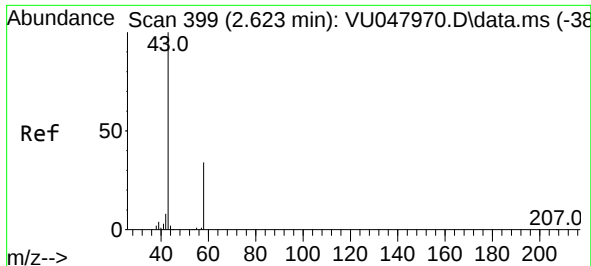
Ion Ratio Lower Upper

96 100

61 1408.7 113.1 210.1#

63 11478.9 94.8 176.0#





#13

Acetone

Concen: 3.401 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.019 min

Lab File: VU047985.D

Acq: 13 Apr 2022 02:42

Instrument :

MSVOA_U

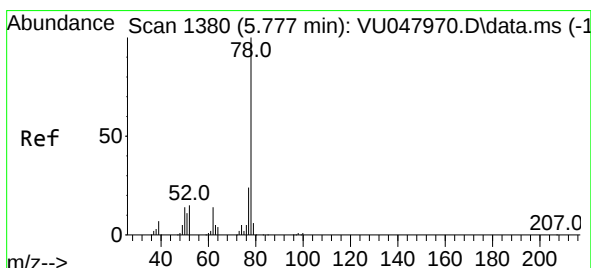
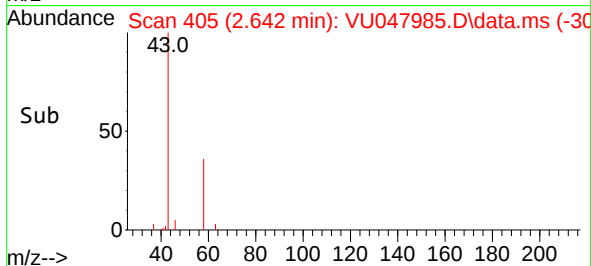
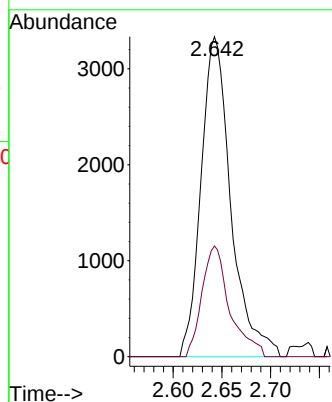
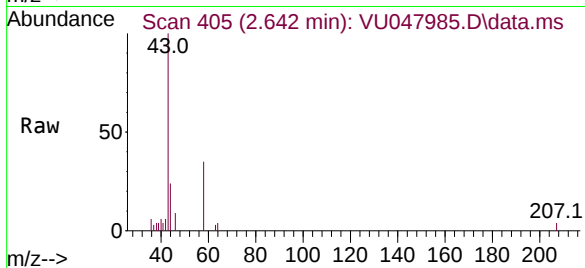
ClientSampleId :

Tgt Ion: 43 Resp: 7118

Ion Ratio Lower Upper

43 100

58 32.2 0.0 70.0



#33

Benzene

Concen: 11.149 ug/L

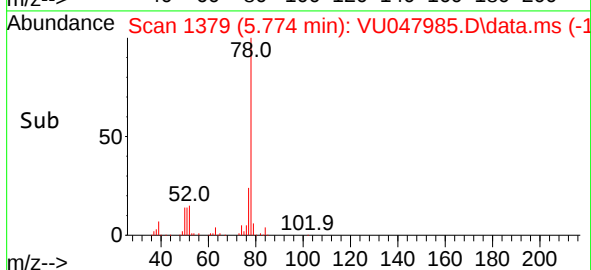
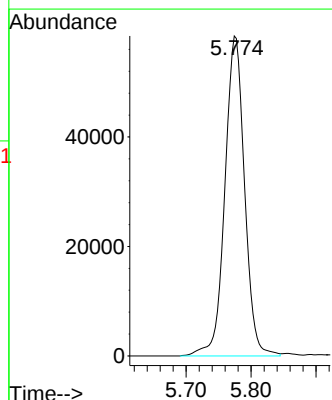
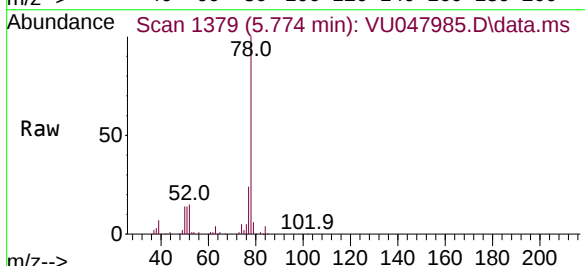
RT: 5.774 min Scan# 1379

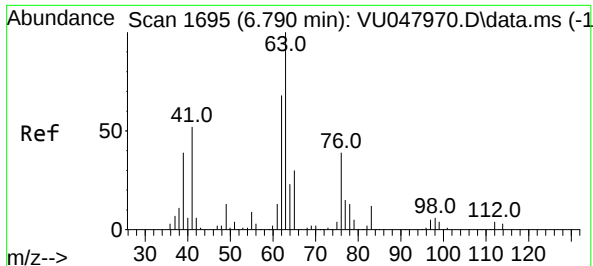
Delta R.T. -0.003 min

Lab File: VU047985.D

Acq: 13 Apr 2022 02:42

Tgt Ion: 78 Resp: 123138





#37

1,2-Dichloropropane

Concen: 4.935 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047985.D

Acq: 13 Apr 2022 02:42

Instrument :

MSVOA_U

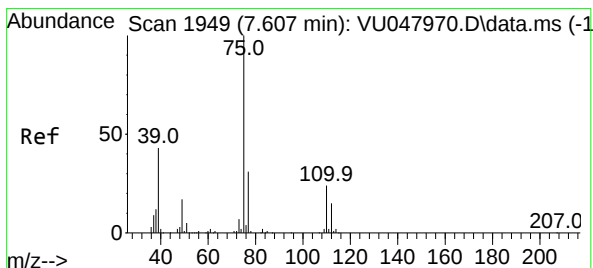
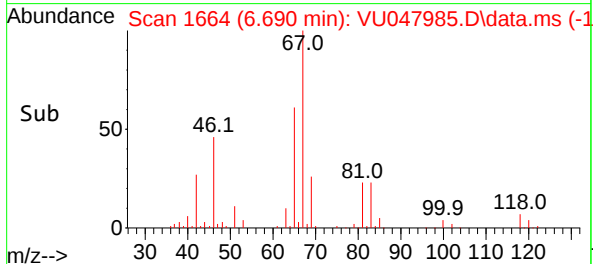
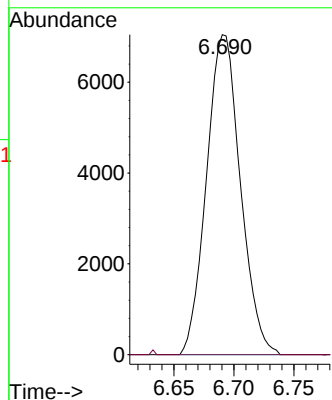
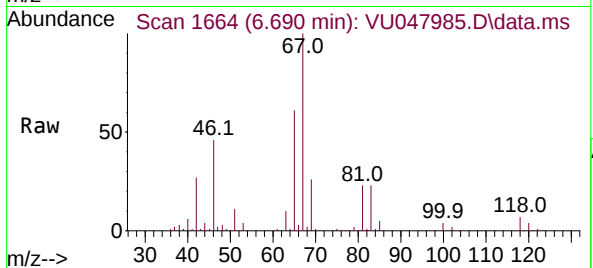
ClientSampleId :

Tgt Ion: 63 Resp: 13856

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.733 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU047985.D

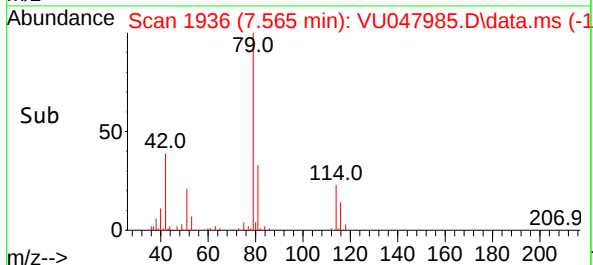
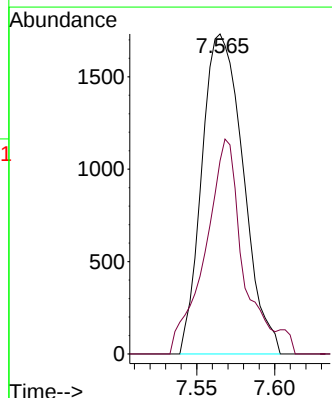
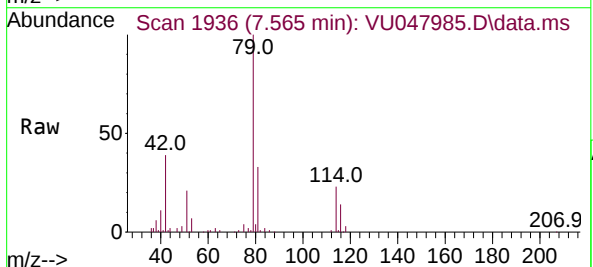
Acq: 13 Apr 2022 02:42

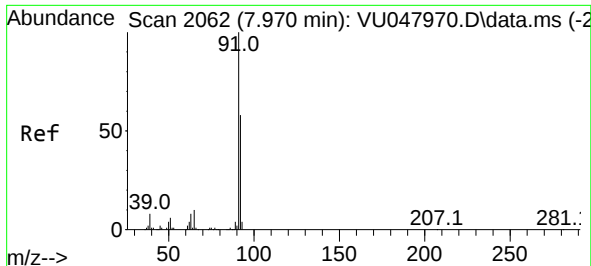
Tgt Ion: 75 Resp: 3195

Ion Ratio Lower Upper

75 100

77 60.3 21.8 40.6#

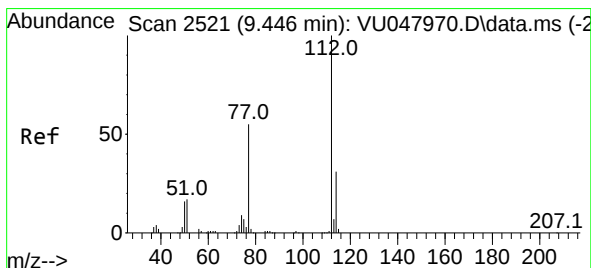
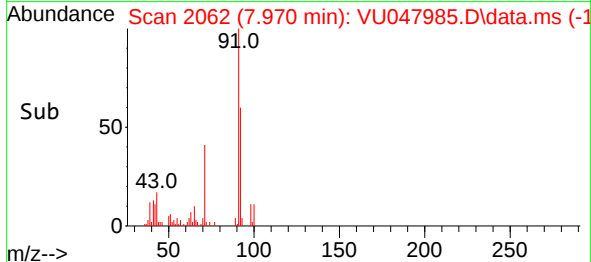
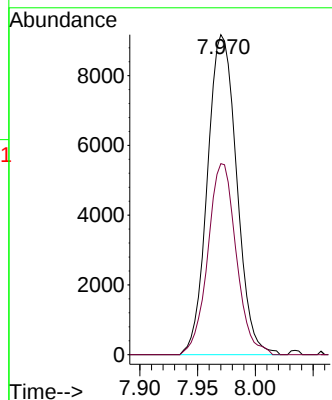
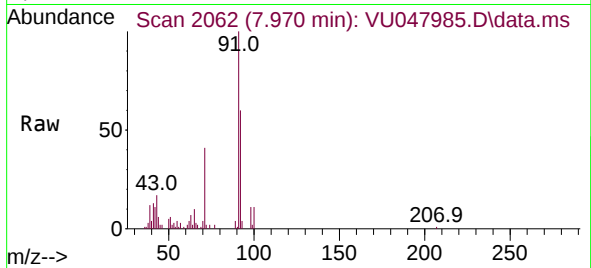




#42
Toluene
Concen: 1.336 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

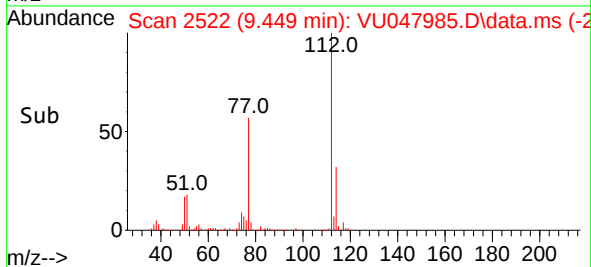
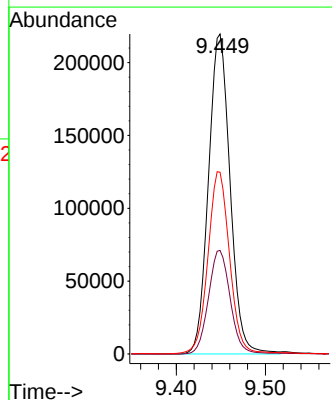
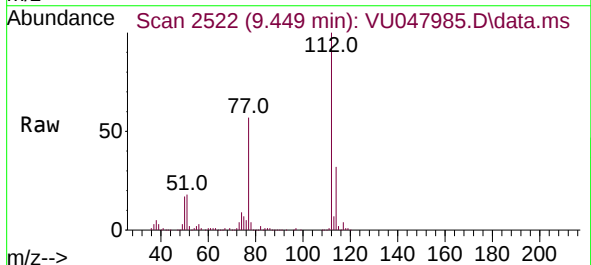
Instrument :
MSVOA_U
ClientSampleId :

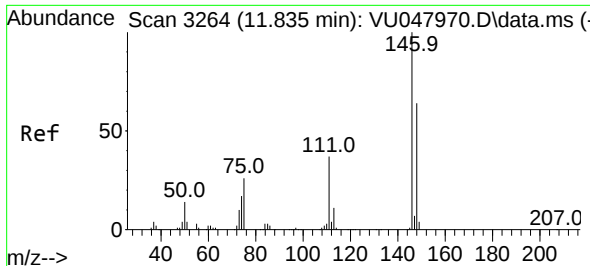
Tgt Ion: 91 Resp: 16184
Ion Ratio Lower Upper
91 100
92 59.7 40.4 75.0



#51
Chlorobenzene
Concen: 44.917 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

Tgt Ion: 112 Resp: 369587
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.8 43.4 65.0





#65

1,4-Dichlorobenzene

Concen: 13.520 ug/L

RT: 11.838 min Scan# 31

Delta R.T. 0.003 min

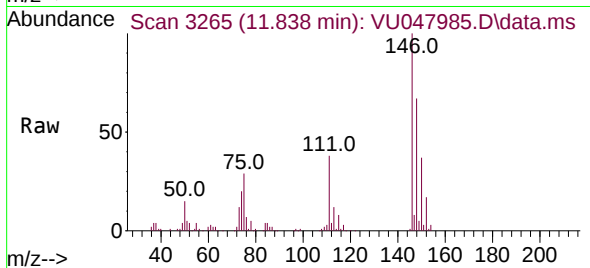
Lab File: VU047985.D

Acq: 13 Apr 2022 02:42

Instrument :

MSVOA_U

ClientSampleId :



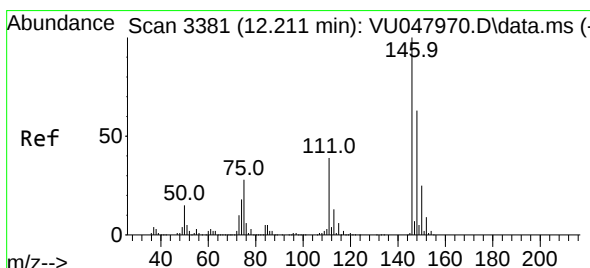
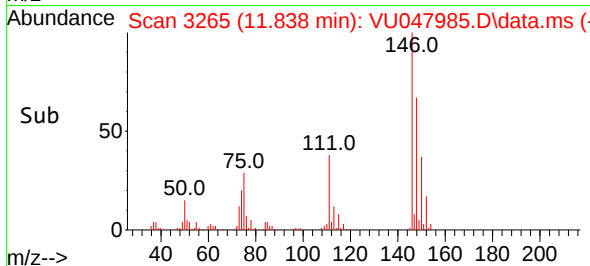
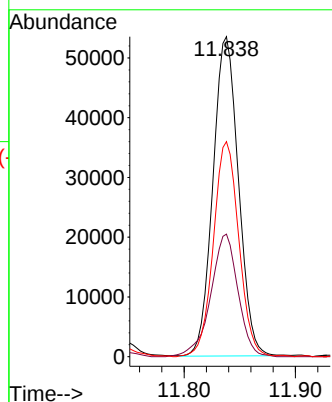
Tgt Ion:146 Resp: 85053

Ion Ratio Lower Upper

146 100

111 38.3 25.3 47.1

148 67.2 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 8.035 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU047985.D

Acq: 13 Apr 2022 02:42

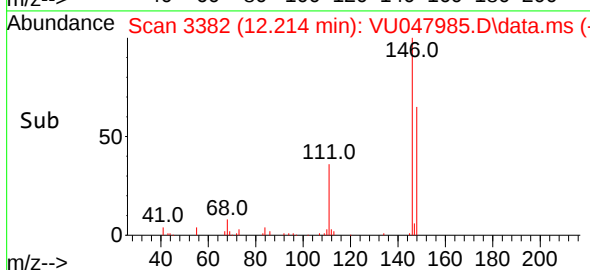
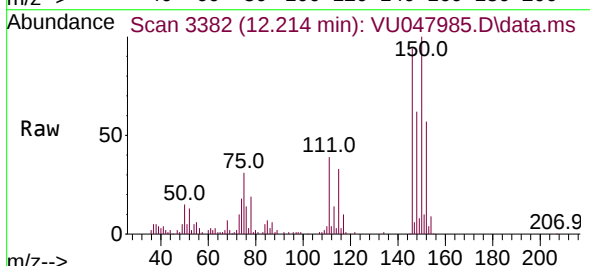
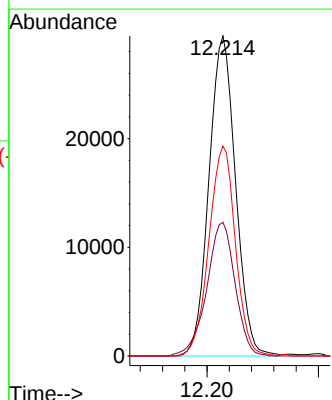
Tgt Ion:146 Resp: 48830

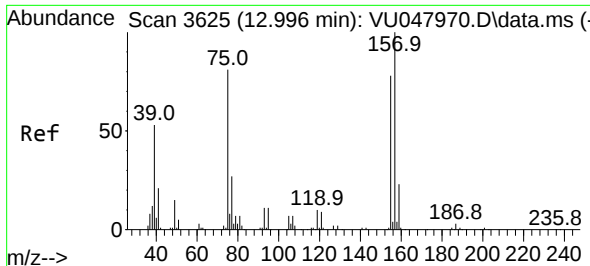
Ion Ratio Lower Upper

146 100

111 41.7 31.7 47.5

148 65.6 51.4 77.2

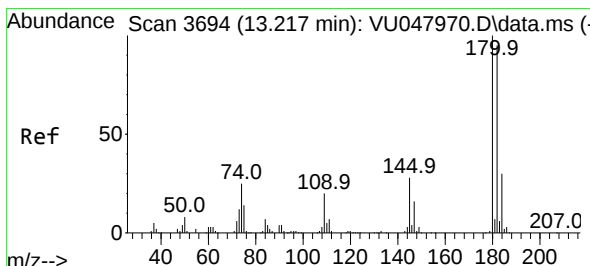
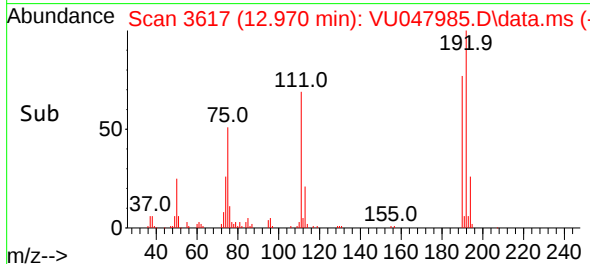
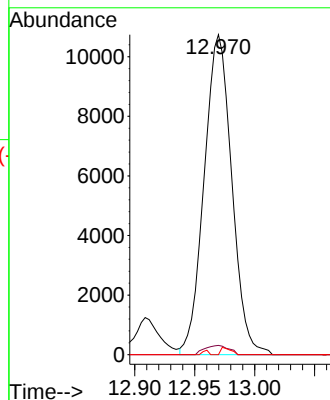
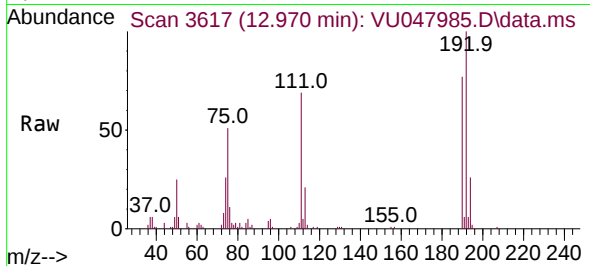




#68
1,2-Dibromo-3-chloropropane
Concen: 14.117 ug/L
RT: 12.970 min Scan# 30
Delta R.T. -0.026 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

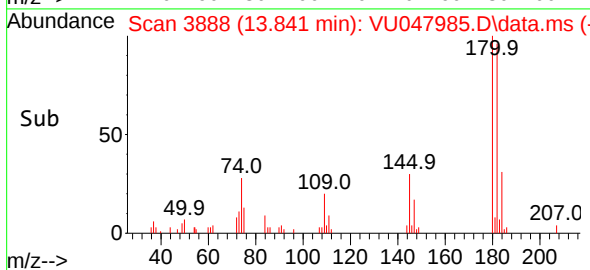
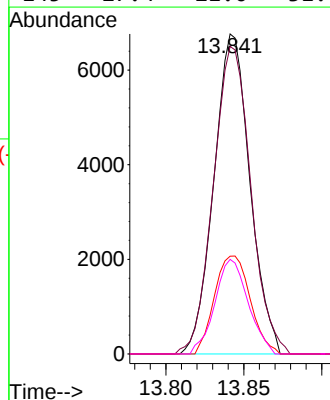
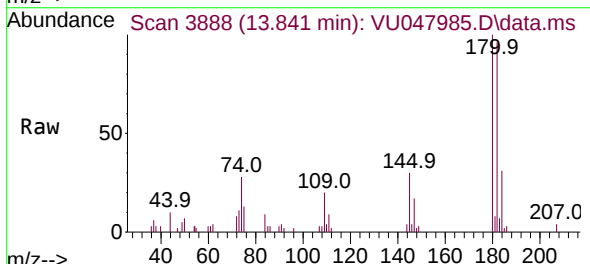
Instrument :
MSVOA_U
ClientSampleId :

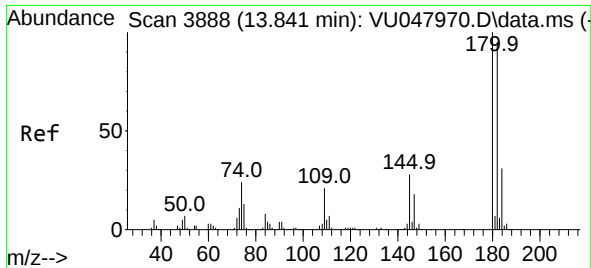
Tgt Ion: 75 Resp: 17236
Ion Ratio Lower Upper
75 100
155 2.9 78.9 118.3#
157 0.0 97.5 146.3#



#69
1,3,5-Trichlorobenzene
Concen: 2.199 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU047985.D
Acq: 13 Apr 2022 02:42

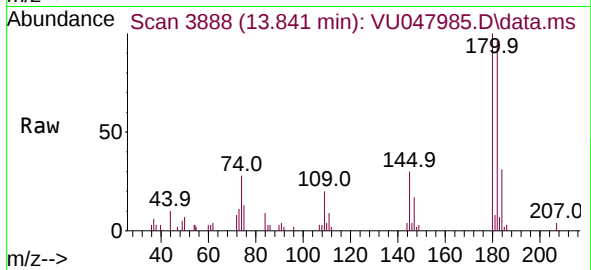
Tgt Ion:180 Resp: 10845
Ion Ratio Lower Upper
180 100
182 99.9 77.0 115.6
184 30.4 24.5 36.7
145 27.4 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.510 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047985.D
 Acq: 13 Apr 2022 02:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	10845
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.2	114.2
145	27.4	21.8	32.8

