

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048196.D
 Acq On : 22 Apr 2022 01:19
 Operator : SY/MD
 Sample : N2488-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA1

Quant Time: Apr 22 06:37:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

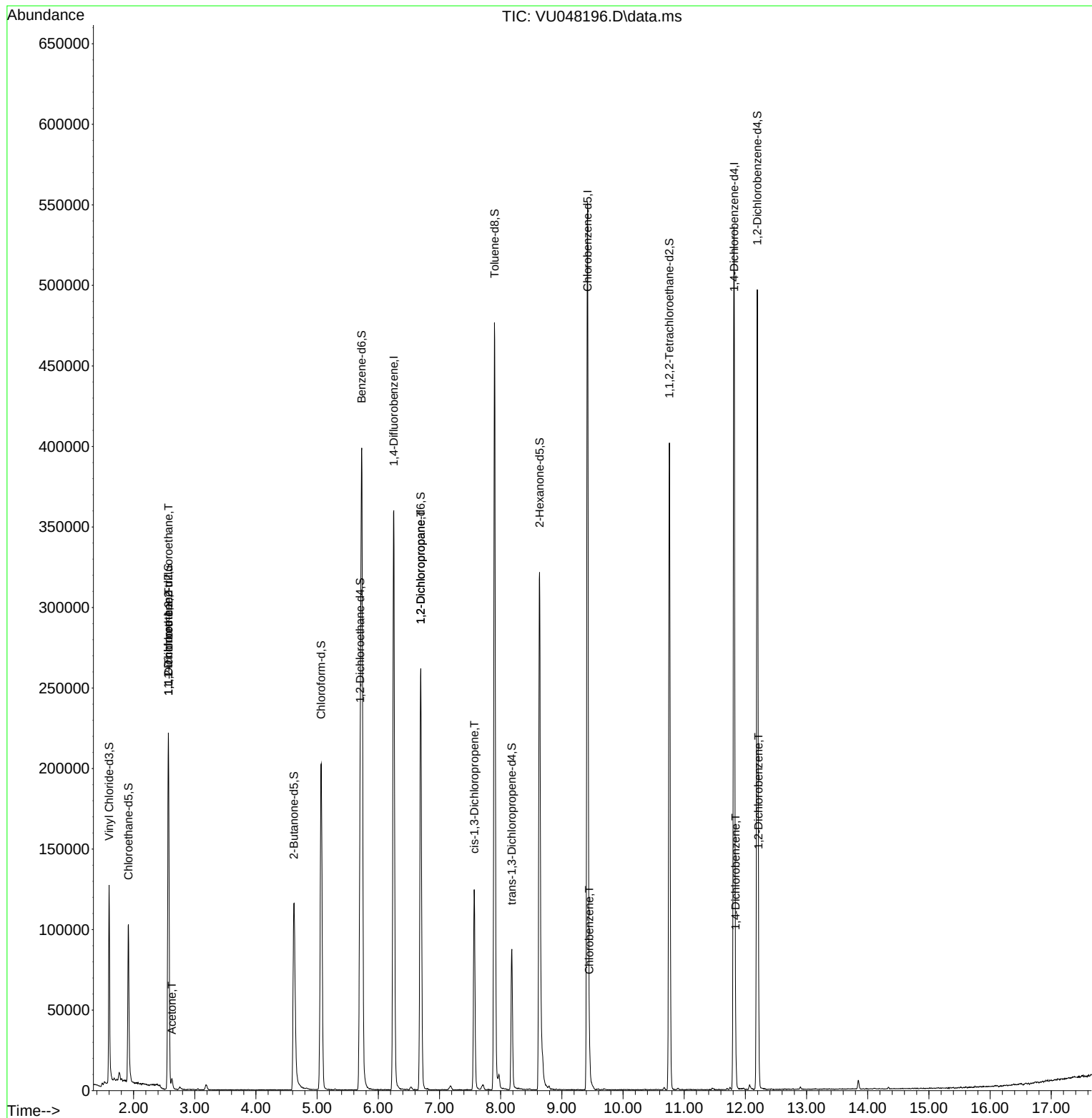
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	309092	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	334126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	155835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	92030	41.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.120%		
7) Chloroethane-d5	1.916	69	81371	46.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.080%		
11) 1,1-Dichloroethene-d2	2.568	63	127037	30.978	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.960%		
21) 2-Butanone-d5	4.620	46	173157	90.005	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.000%		
24) Chloroform-d	5.067	84	195246	47.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.220%		
26) 1,2-Dichloroethane-d4	5.703	65	120572	47.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.860%		
32) Benzene-d6	5.729	84	380013	45.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
36) 1,2-Dichloropropane-d6	6.694	67	130344	50.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.960%		
41) Toluene-d8	7.899	98	331588	40.480	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.960%		
43) trans-1,3-Dichloroprop...	8.182	79	49902	38.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.300%		
47) 2-Hexanone-d5	8.636	63	111961	74.072	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.070%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200352	45.214	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.420%		
66) 1,2-Dichlorobenzene-d4	12.195	152	143973	51.930	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1088	0.478	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1073	0.506	ug/L #	1
13) Acetone	2.626	43	7661	4.279	ug/L	93
37) 1,2-Dichloropropane	6.694	63	13235	5.383	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	2549	0.668	ug/L #	62
51) Chlorobenzene	9.449	112	8886	1.233	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	8234	1.698	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	5642	1.205	ug/L #	89

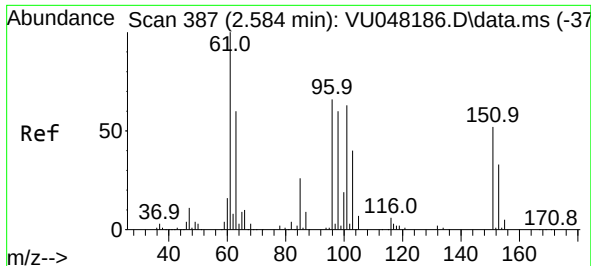
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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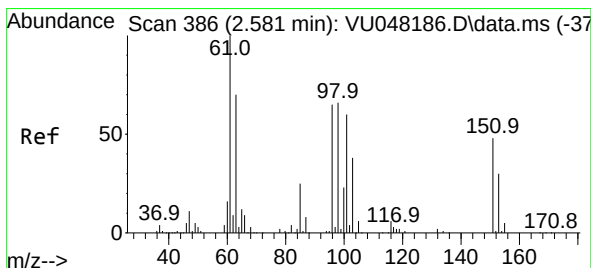
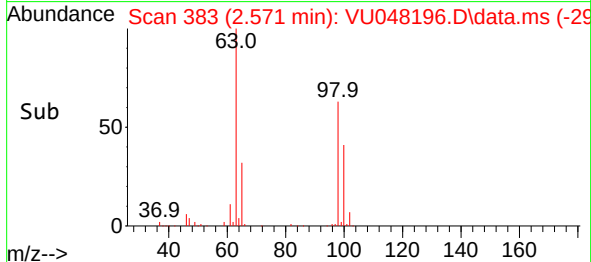
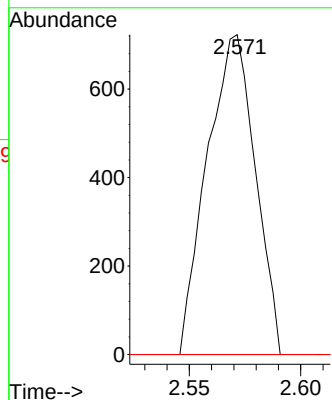
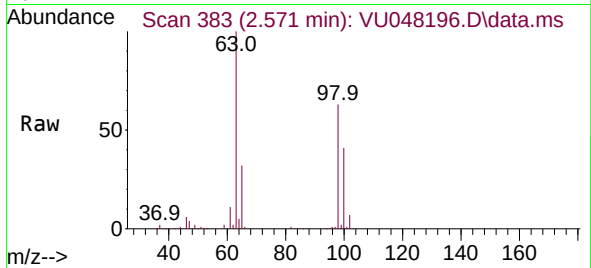




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.478 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048196.D
 Acq: 22 Apr 2022 01:19

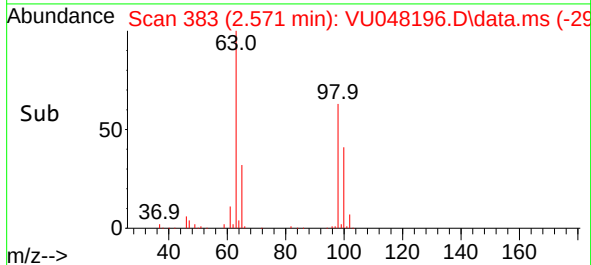
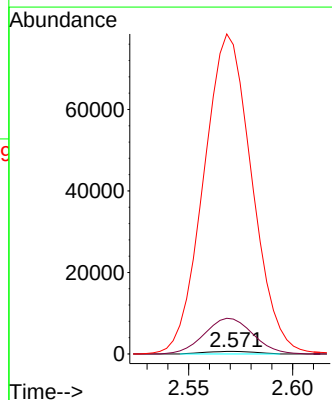
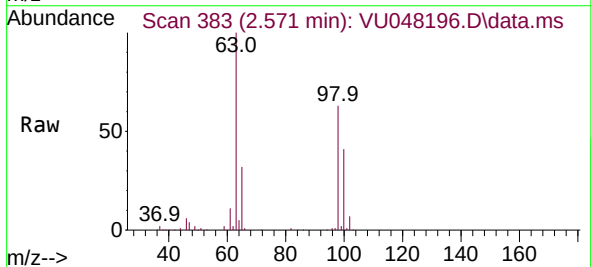
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA1

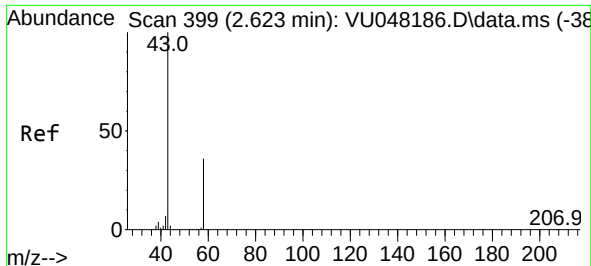
Tgt Ion:101 Resp: 1088
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.506 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048196.D
 Acq: 22 Apr 2022 01:19

Tgt Ion: 96 Resp: 1073
 Ion Ratio Lower Upper
 96 100
 61 1369.1 113.1 210.1#
 63 12160.3 94.8 176.0#





#13

Acetone

Concen: 4.279 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048196.D

Acq: 22 Apr 2022 01:19

Instrument :

MSVOA_V

ClientSampleId :

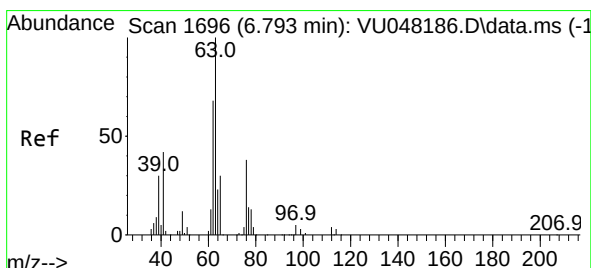
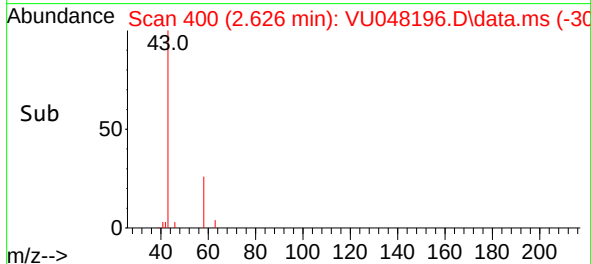
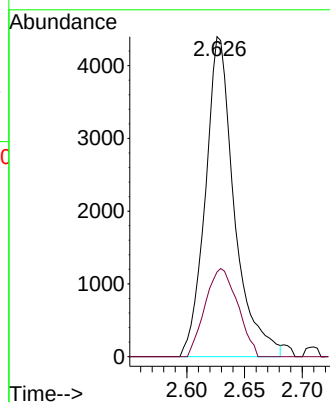
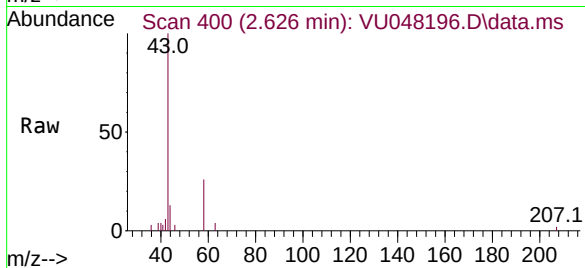
C0JA1

Tgt Ion: 43 Resp: 7661

Ion Ratio Lower Upper

43 100

58 30.8 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.383 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU048196.D

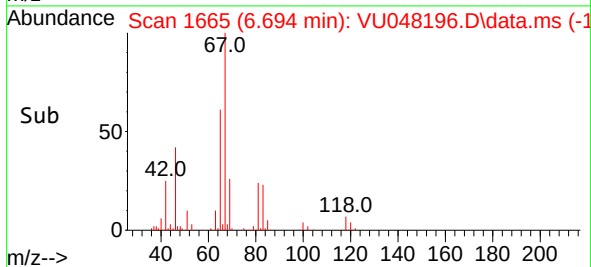
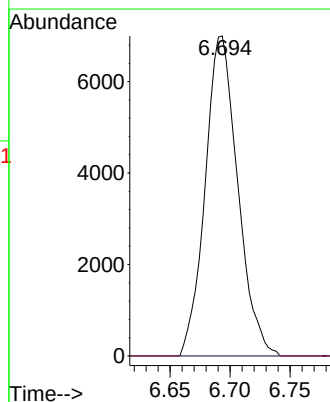
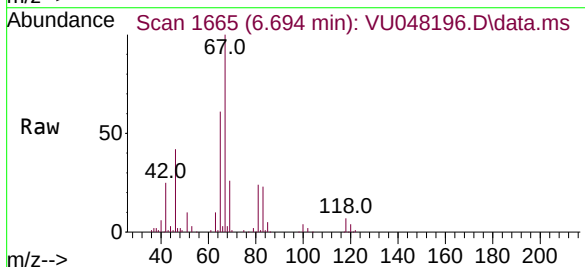
Acq: 22 Apr 2022 01:19

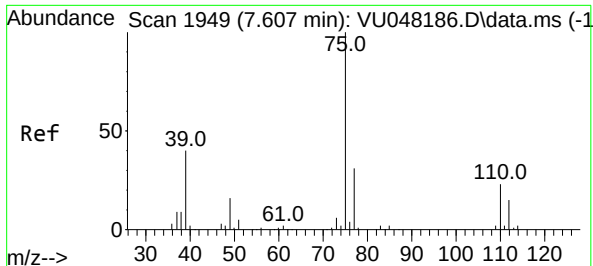
Tgt Ion: 63 Resp: 13235

Ion Ratio Lower Upper

63 100

112 0.6 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.668 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.035 min

Lab File: VU048196.D

Acq: 22 Apr 2022 01:19

Instrument :

MSVOA_V

ClientSampleId :

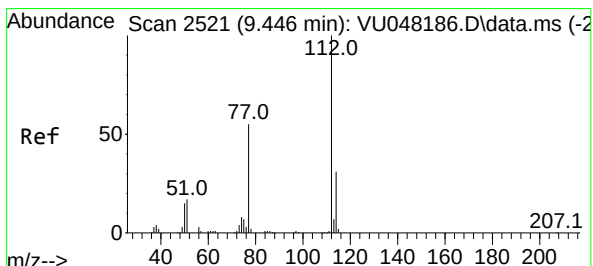
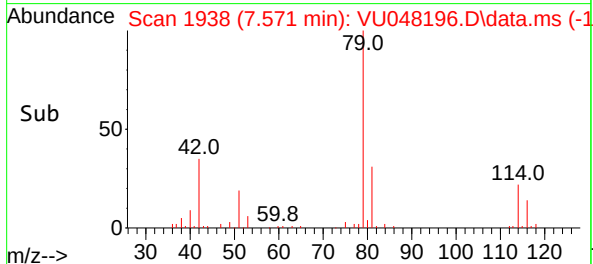
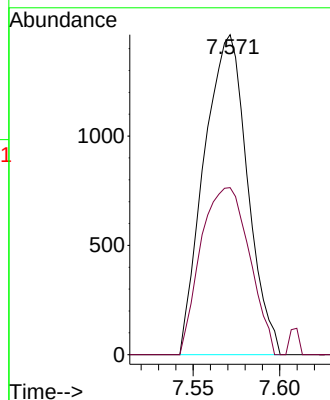
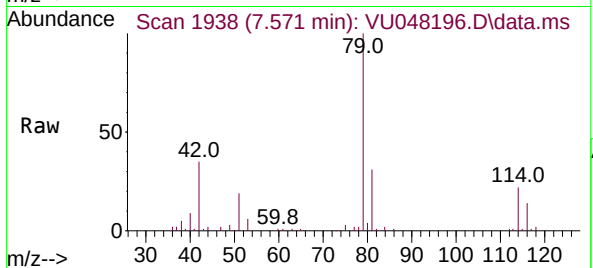
C0JA1

Tgt Ion: 75 Resp: 2549

Ion Ratio Lower Upper

75 100

77 52.2 21.8 40.6#



#51

Chlorobenzene

Concen: 1.233 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048196.D

Acq: 22 Apr 2022 01:19

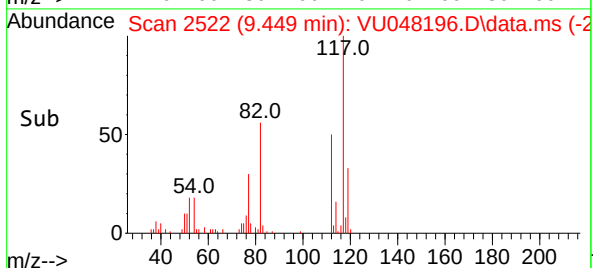
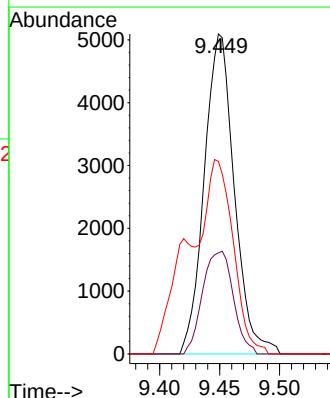
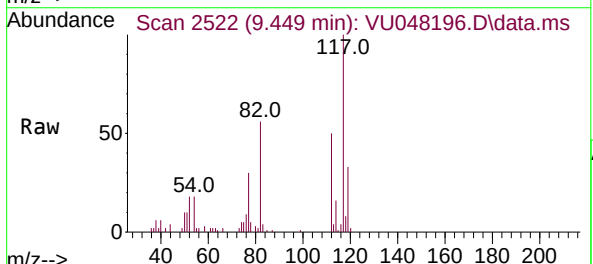
Tgt Ion: 112 Resp: 8886

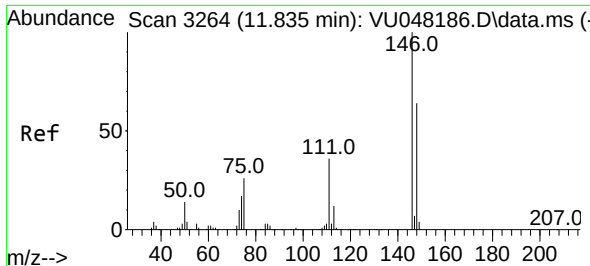
Ion Ratio Lower Upper

112 100

114 34.3 22.1 41.1

77 60.2 43.4 65.0

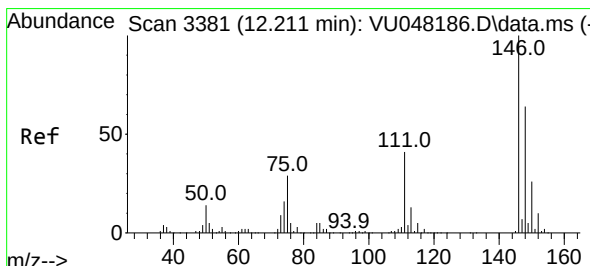
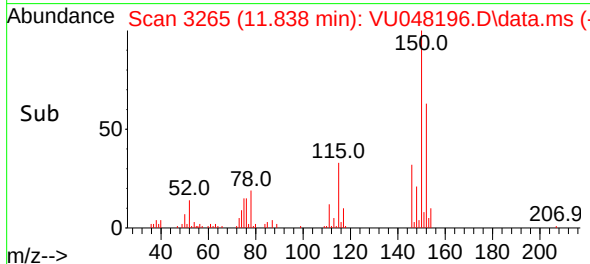
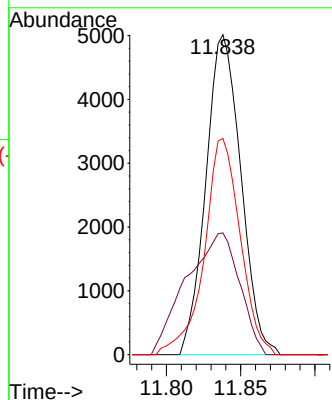
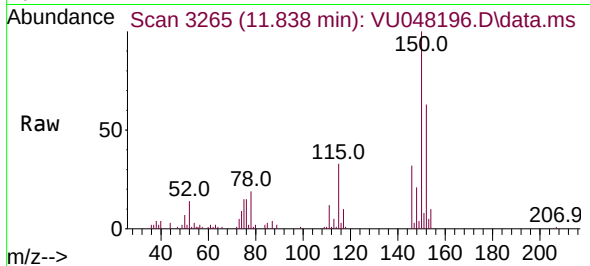




#65
1,4-Dichlorobenzene
Concen: 1.698 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048196.D
Acq: 22 Apr 2022 01:19

Instrument :
MSVOA_V
ClientSampleId :
C0JA1

Tgt Ion:146 Resp: 8234
Ion Ratio Lower Upper
146 100
111 38.1 25.3 47.1
148 67.6 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.205 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048196.D
Acq: 22 Apr 2022 01:19

Tgt Ion:146 Resp: 5642
Ion Ratio Lower Upper
146 100
111 48.7 31.7 47.5#
148 71.1 51.4 77.2

