

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048168.D
 Acq On : 21 Apr 2022 13:25
 Operator : SY/MD
 Sample : N2486-11 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J44

Quant Time: Apr 22 01:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

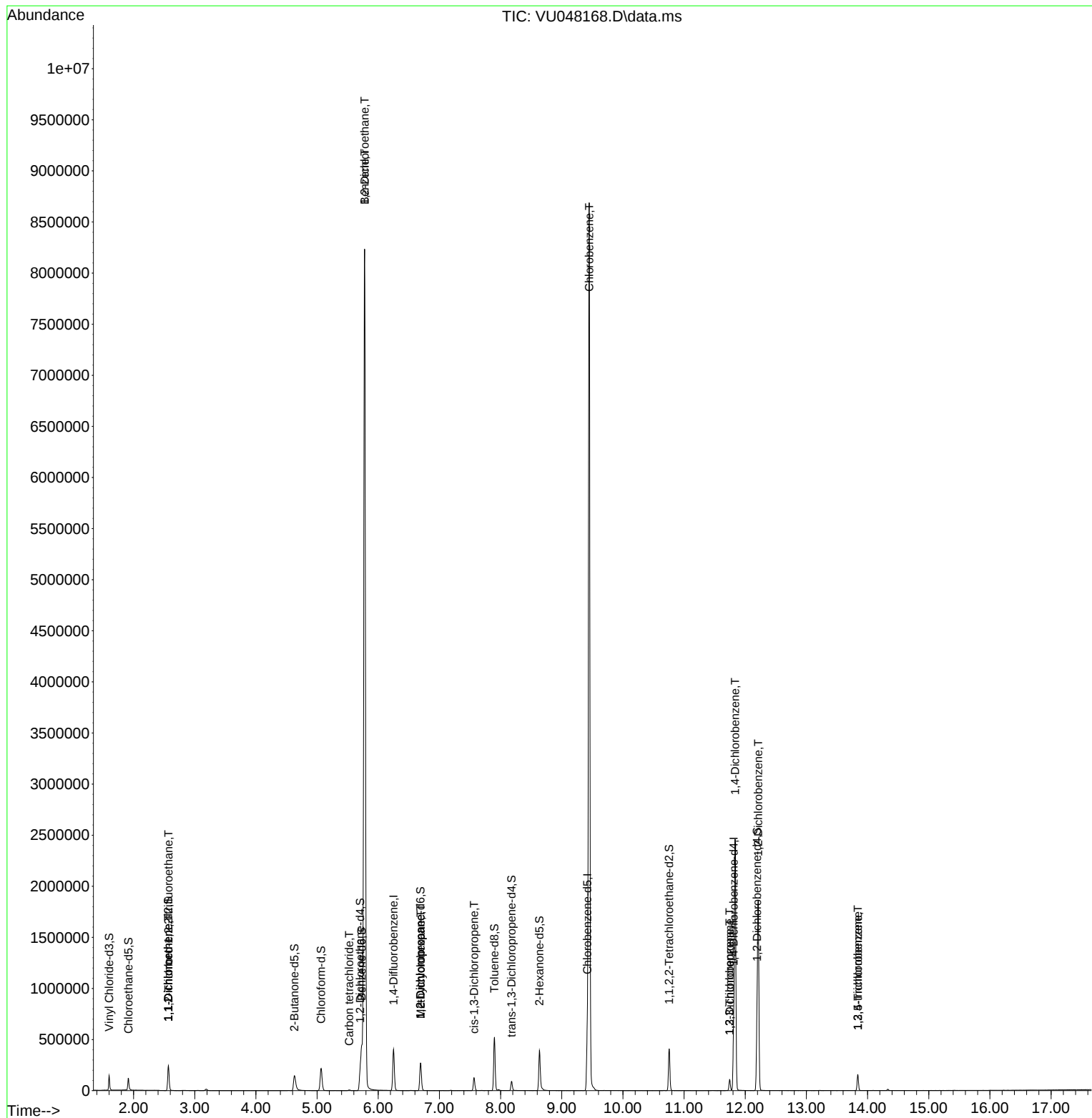
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	345355	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347040	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	177057	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106773	42.634	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.260%		
7) Chloroethane-d5	1.916	69	90960	46.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.120%		
11) 1,1-Dichloroethene-d2	2.568	63	139950	30.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.080%		
21) 2-Butanone-d5	4.629	46	196775	91.541	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.540%		
24) Chloroform-d	5.067	84	203903	44.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.000%		
26) 1,2-Dichloroethane-d4	5.703	65	127030	45.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
32) Benzene-d6	5.729	84	410799	47.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.080%		
36) 1,2-Dichloropropane-d6	6.690	67	135617	50.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.140%		
41) Toluene-d8	7.899	98	352680	41.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.900%		
43) trans-1,3-Dichloroprop...	8.179	79	51913	38.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.420%		
47) 2-Hexanone-d5	8.636	63	133041	84.742	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.740%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	206223	44.807	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	160000	50.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1311	0.515	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1197	0.505	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	59748	16.300	ug/L #	75
31) Carbon tetrachloride	5.523	117	2314	0.651	ug/L #	1
33) Benzene	5.777	78	7946616	791.089	ug/L	100
35) Methylcyclohexane	6.694	83	30624	7.644	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13247	5.188	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2718	0.686	ug/L #	41
51) Chlorobenzene	9.449	112	4840714	646.827	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	13000	3.895	ug/L #	48
64) 1,3-Dichlorobenzene	11.745	146	46546	8.751	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1024230	185.918	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	738986	138.859	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	53493	12.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	53493	14.139	ug/L	99

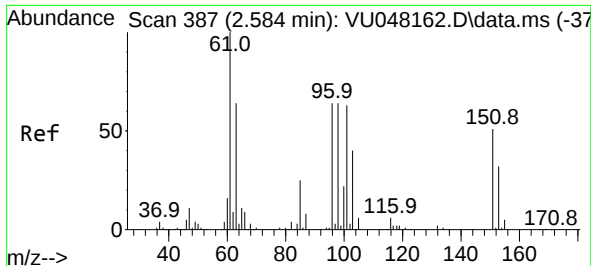
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048168.D
Acq On : 21 Apr 2022 13:25
Operator : SY/MD
Sample : N2486-11 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J44

Quant Time: Apr 22 01:49:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 01:48:00 2022
Response via : Initial Calibration

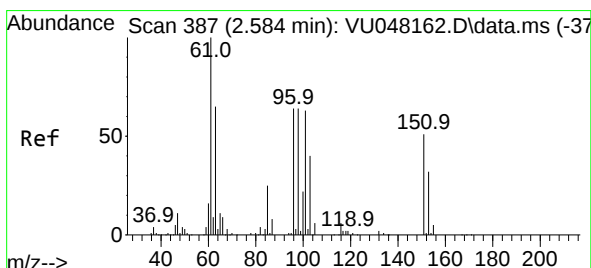
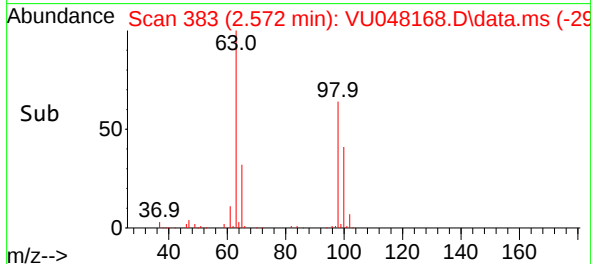
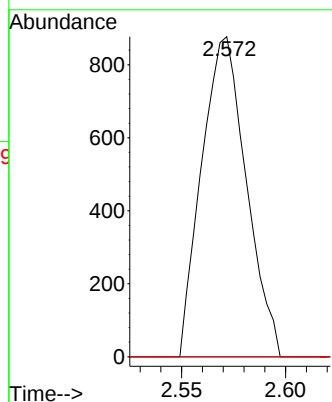
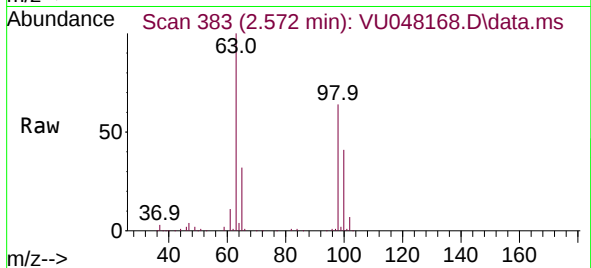




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.515 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048168.D
 Acq: 21 Apr 2022 13:25

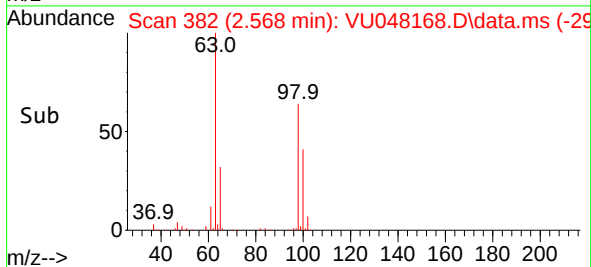
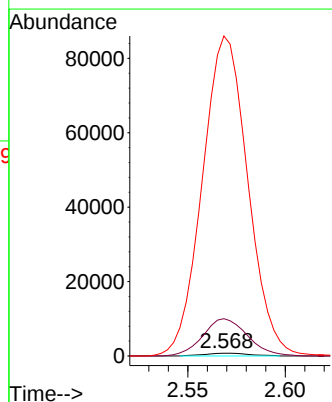
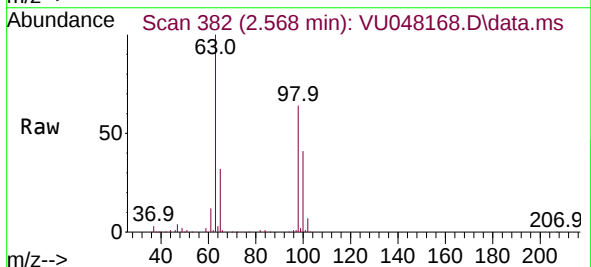
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J44

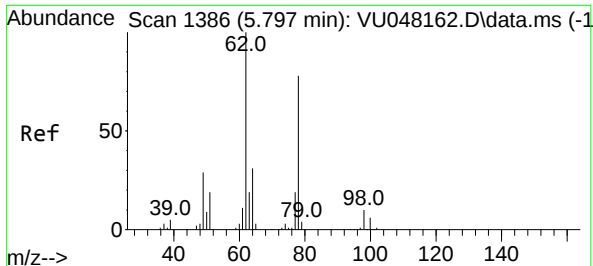
Tgt Ion: 101 Resp: 1311
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.505 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048168.D
 Acq: 21 Apr 2022 13:25

Tgt Ion: 96 Resp: 1197
 Ion Ratio Lower Upper
 96 100
 61 1341.1 113.1 210.1#
 63 11517.0 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 16.300 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU048168.D

Acq: 21 Apr 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

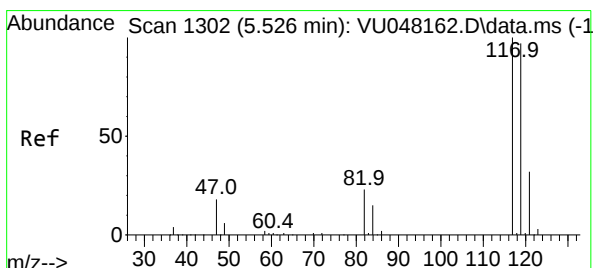
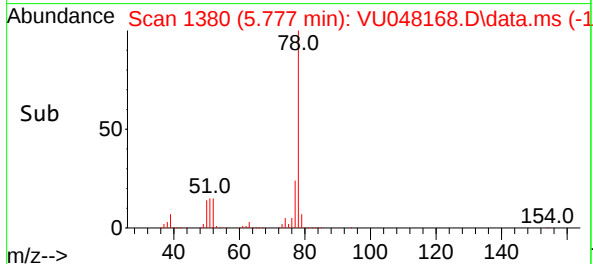
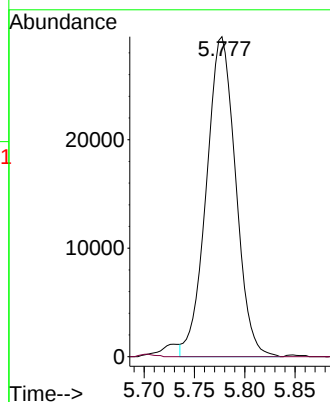
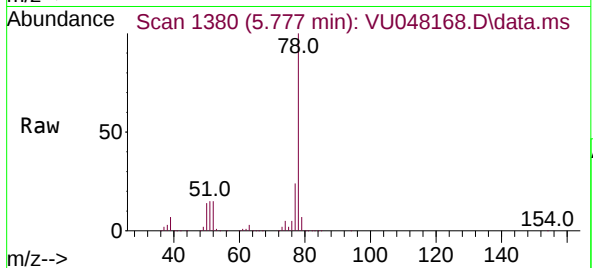
C0J44

Tgt Ion: 62 Resp: 59748

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#31

Carbon tetrachloride

Concen: 0.651 ug/L

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048168.D

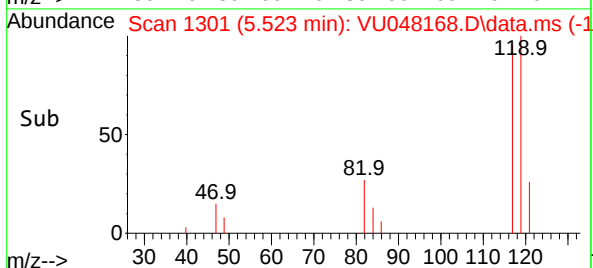
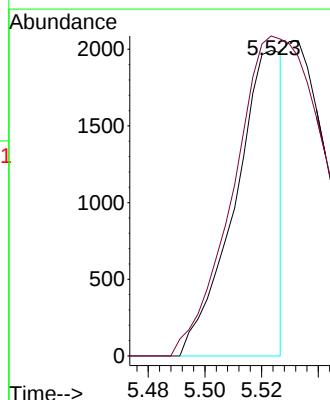
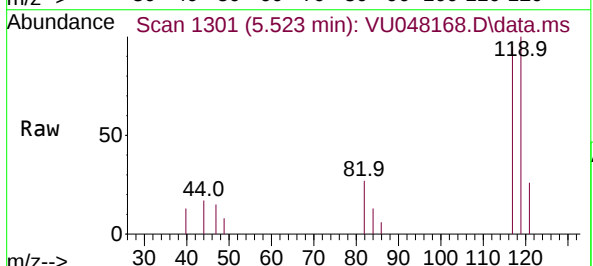
Acq: 21 Apr 2022 13:25

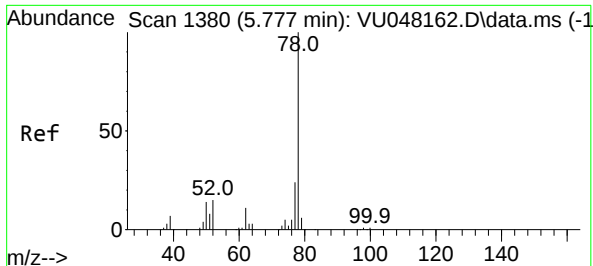
Tgt Ion: 117 Resp: 2314

Ion Ratio Lower Upper

117 100

119 206.1 77.2 115.8#

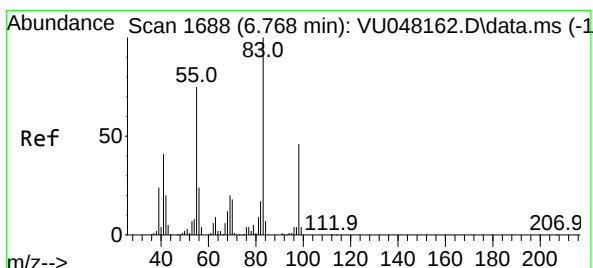
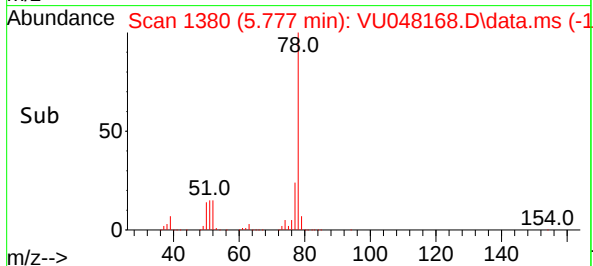
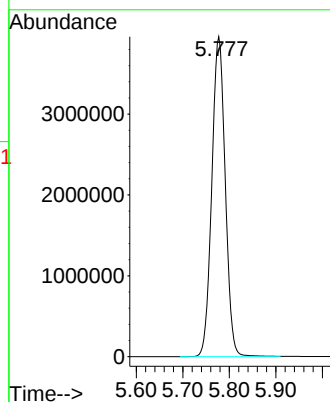
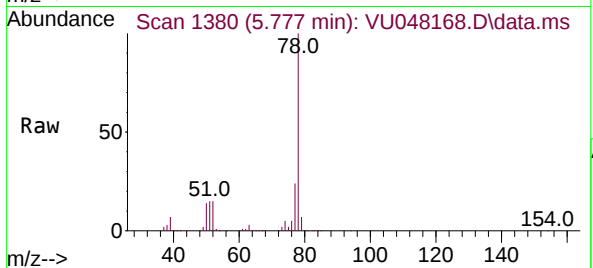




#33
Benzene
Concen: 791.089 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

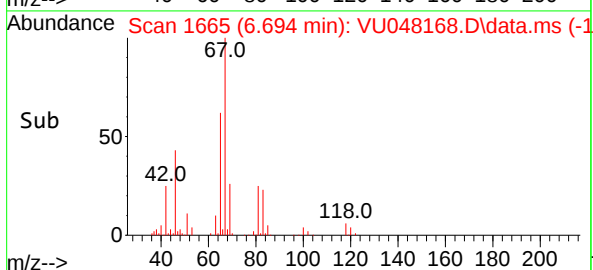
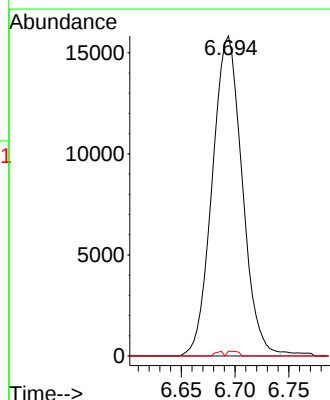
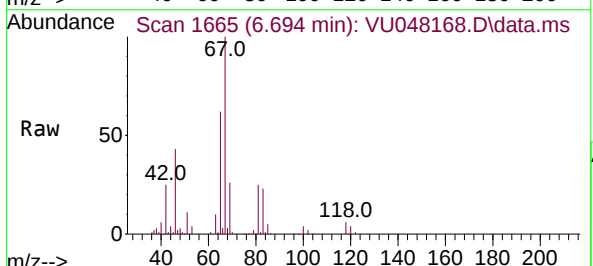
Instrument :
MSVOA_U
ClientSampleId :
C0J44

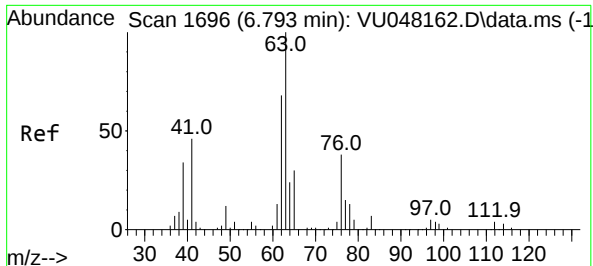
Tgt Ion: 78 Resp: 7946616



#35
Methylcyclohexane
Concen: 7.644 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

Tgt Ion: 83 Resp: 30624
Ion Ratio Lower Upper
83 100
55 0.0 56.8 85.2#
98 0.6 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.188 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048168.D

Acq: 21 Apr 2022 13:25

Instrument :

MSVOA_U

ClientSampleId :

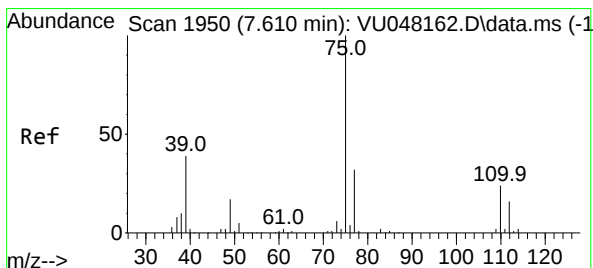
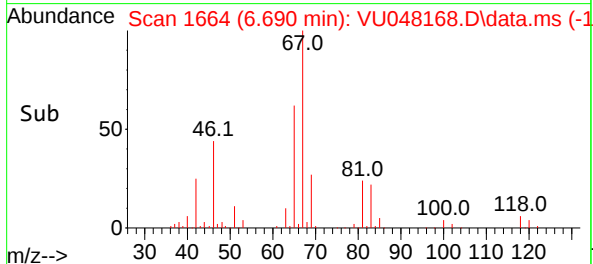
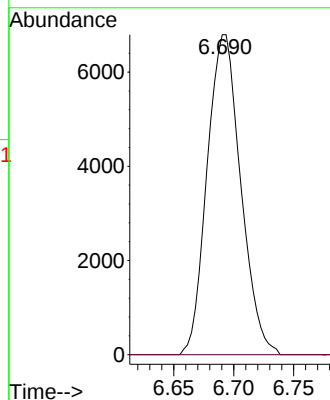
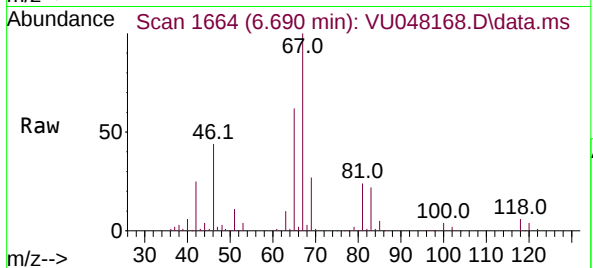
C0J44

Tgt Ion: 63 Resp: 13247

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.686 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048168.D

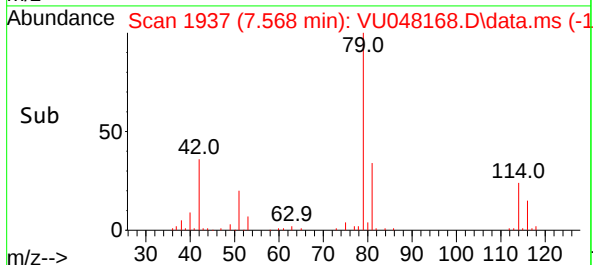
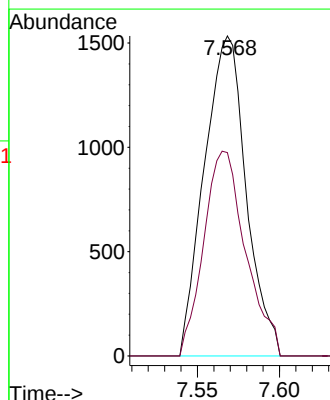
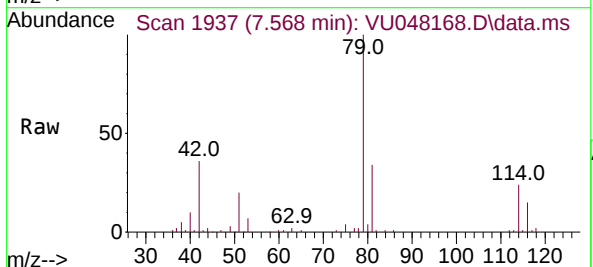
Acq: 21 Apr 2022 13:25

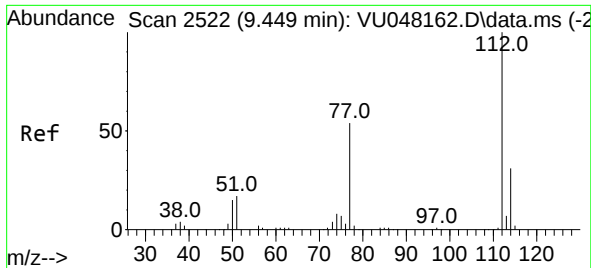
Tgt Ion: 75 Resp: 2718

Ion Ratio Lower Upper

75 100

77 63.6 21.8 40.6#

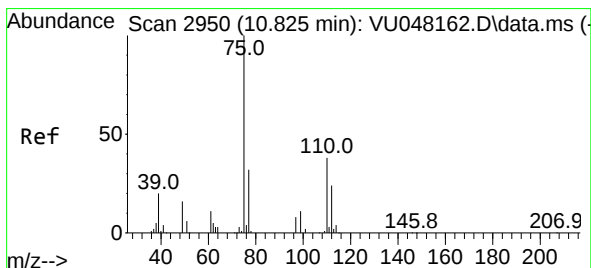
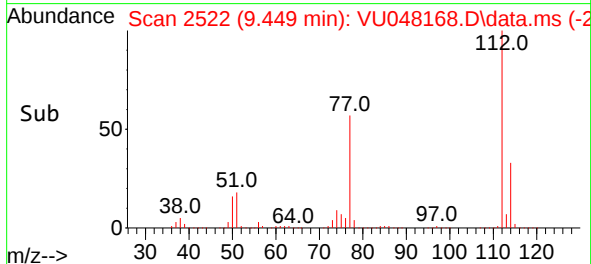
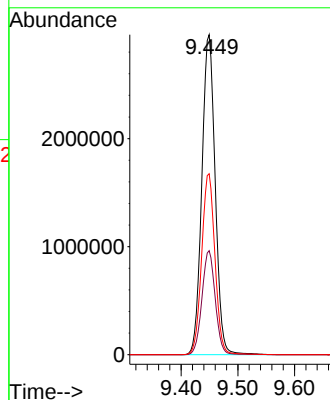
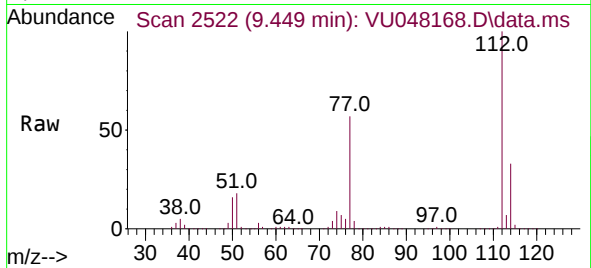




#51
Chlorobenzene
Concen: 646.827 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

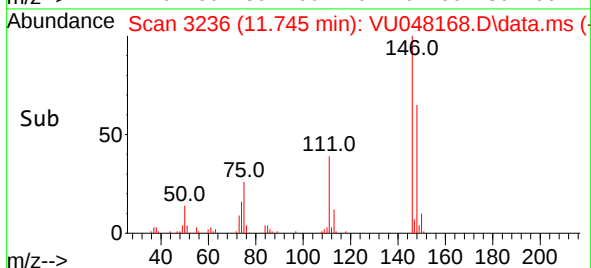
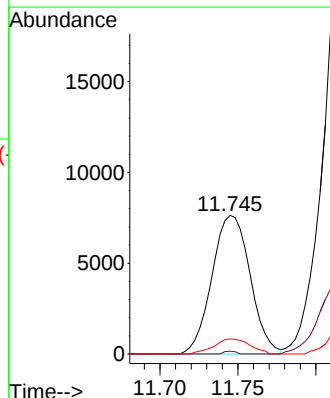
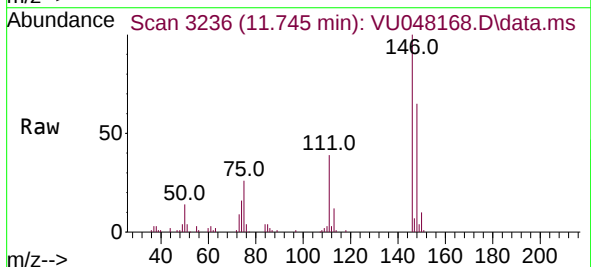
Instrument :
MSVOA_U
ClientSampleId :
C0J44

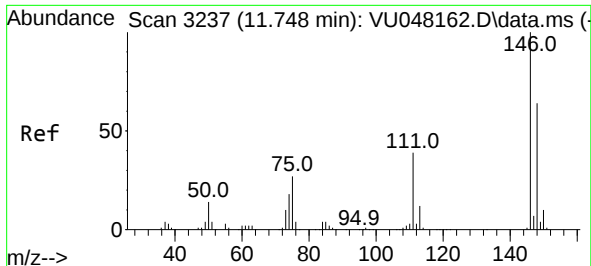
Tgt Ion:112 Resp: 4840714
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.6 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 3.895 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.920 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

Tgt Ion: 75 Resp: 13000
Ion Ratio Lower Upper
75 100
77 0.6 26.0 39.0#
110 10.3 31.4 47.2#

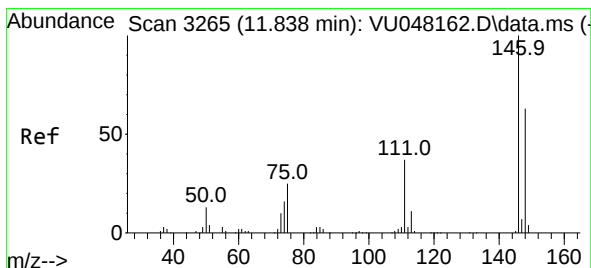
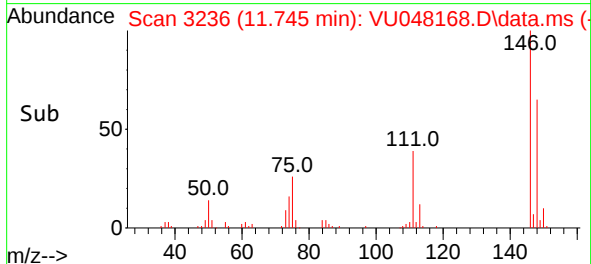
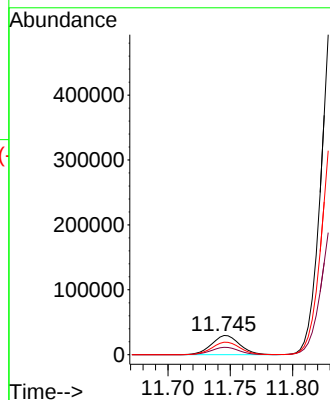
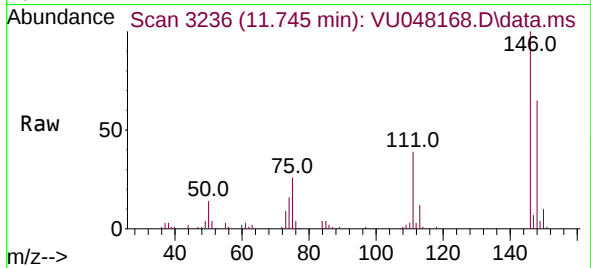




#64
 1,3-Dichlorobenzene
 Concen: 8.751 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU048168.D
 Acq: 21 Apr 2022 13:25

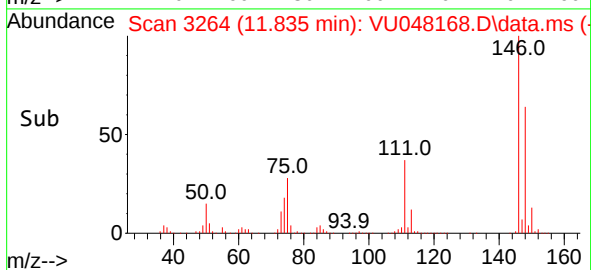
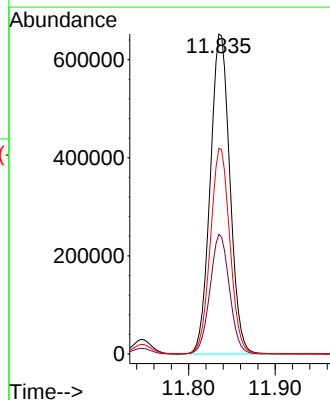
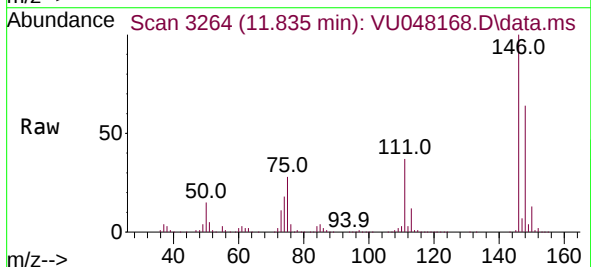
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J44

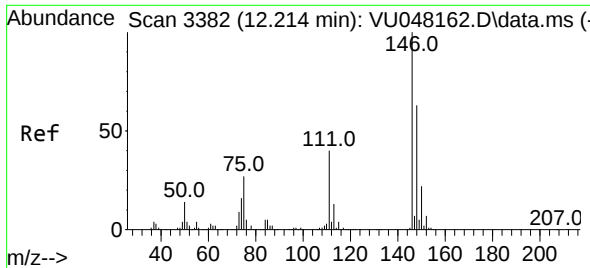
Tgt Ion:146 Resp: 46546
 Ion Ratio Lower Upper
 146 100
 111 38.5 26.7 49.7
 148 64.7 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 185.918 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.003 min
 Lab File: VU048168.D
 Acq: 21 Apr 2022 13:25

Tgt Ion:146 Resp: 1024230
 Ion Ratio Lower Upper
 146 100
 111 37.4 25.3 47.1
 148 64.2 44.5 82.7

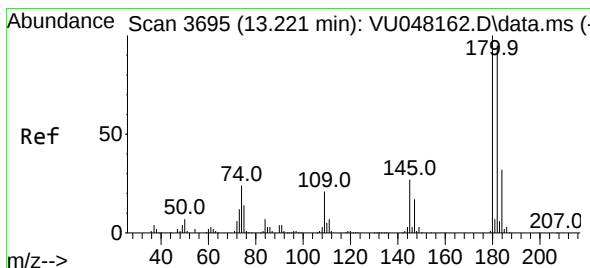
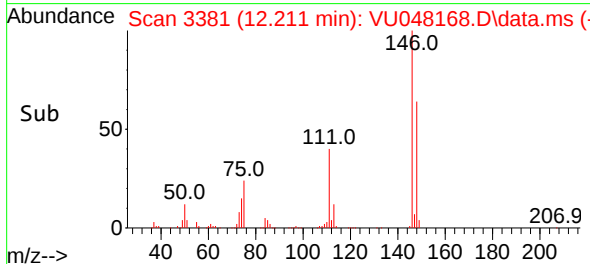
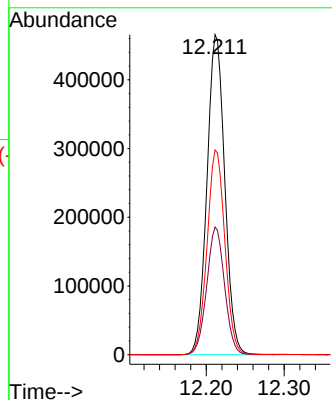
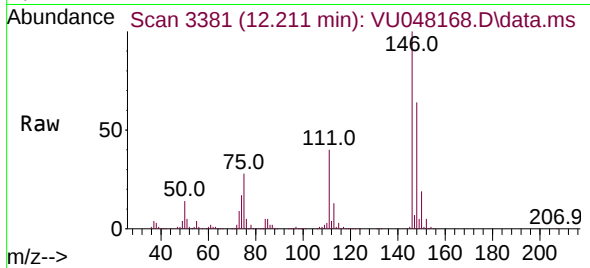




#67
 1,2-Dichlorobenzene
 Concen: 138.859 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU048168.D
 Acq: 21 Apr 2022 13:25

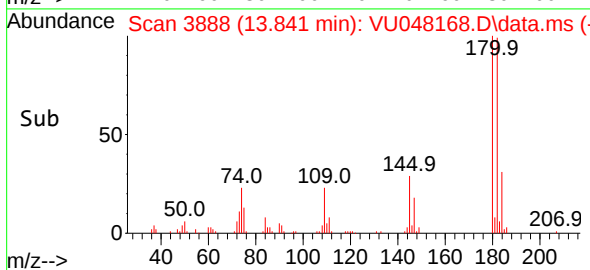
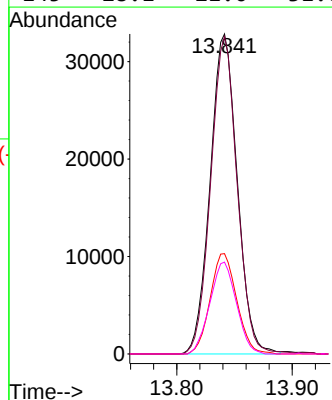
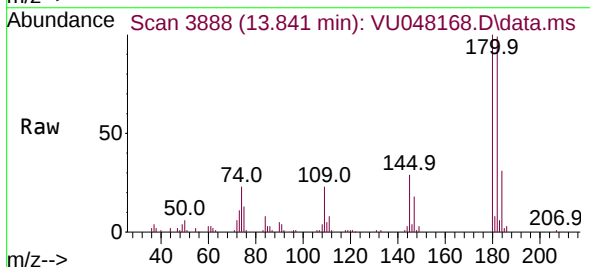
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J44

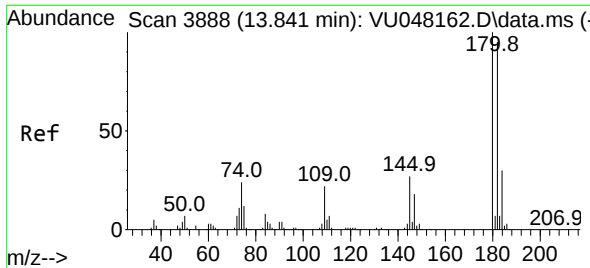
Tgt Ion:146 Resp: 738986
 Ion Ratio Lower Upper
 146 100
 111 39.9 31.7 47.5
 148 64.0 51.4 77.2



#69
 1,3,5-Trichlorobenzene
 Concen: 12.384 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048168.D
 Acq: 21 Apr 2022 13:25

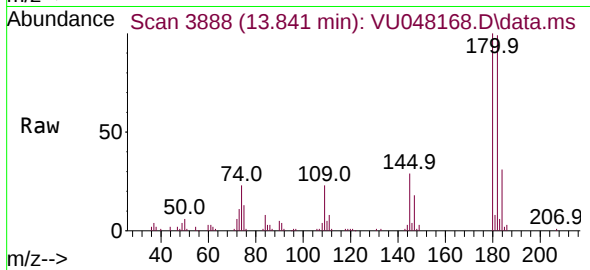
Tgt Ion:180 Resp: 53493
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.0 115.6
 184 30.8 24.5 36.7
 145 28.1 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 14.139 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048168.D
 Acq: 21 Apr 2022 13:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J44



Tgt Ion:	180	Resp:	53493
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.2	114.2
145	28.1	21.8	32.8

