

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048233.D
 Acq On : 22 Apr 2022 18:32
 Operator : SY/MD
 Sample : N2486-13 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

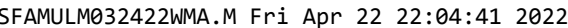
Quant Time: Apr 22 22:04:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

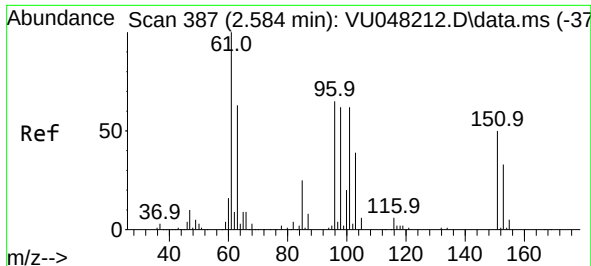
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295896	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	312428	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108304	50.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.940%
7) Chloroethane-d5	1.893	69	83335	49.255	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.500%
11) 1,1-Dichloroethene-d2	2.562	63	130943	33.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.700%
21) 2-Butanone-d5	4.620	46	170718	92.694	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.690%
24) Chloroform-d	5.063	84	179264	45.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.320%
26) 1,2-Dichloroethane-d4	5.700	65	114510	47.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.100%
32) Benzene-d6	5.726	84	378601	48.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	6.690	67	125556	52.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.000%
41) Toluene-d8	7.899	98	317928	41.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.020%
43) trans-1,3-Dichloroprop...	8.179	79	48891	39.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.940%
47) 2-Hexanone-d5	8.636	63	118880	84.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.110%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206091	49.739	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	12.195	152	140393	51.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.840%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1265	0.580	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1137	0.560	ug/L #	1
27) 1,2-Dichloroethane	5.771	62	1852	0.590	ug/L #	75
33) Benzene	5.774	78	217355	24.035	ug/L	100
35) Methylcyclohexane	6.690	83	28193	7.816	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	12297	5.349	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	2634	0.738	ug/L #	61
51) Chlorobenzene	9.446	112	898249	133.323	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	8900	3.076	ug/L #	47
64) 1,3-Dichlorobenzene	11.748	146	32885	7.133	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	338807	70.951	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	365952	79.331	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	132954	35.509	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	132954	40.541	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	32527	9.894	ug/L	99

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

Quant Time: Apr 22 22:04:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration





#10

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

Concen: 0.580 ug/L

RT: 2.562 min Scan# 387

Delta R.T. -0.022 min

Lab File: VU048233.D

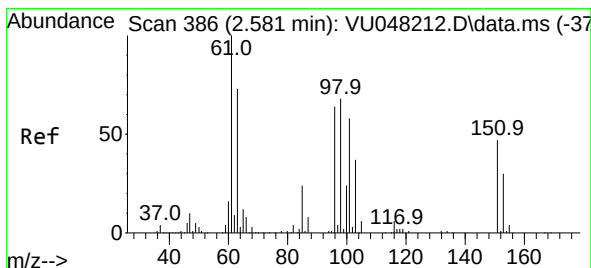
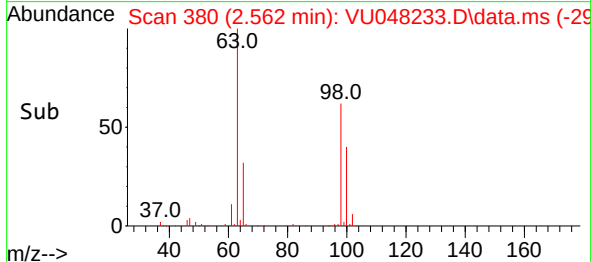
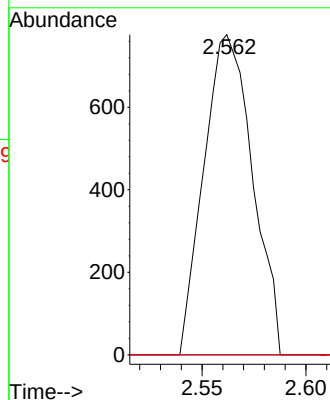
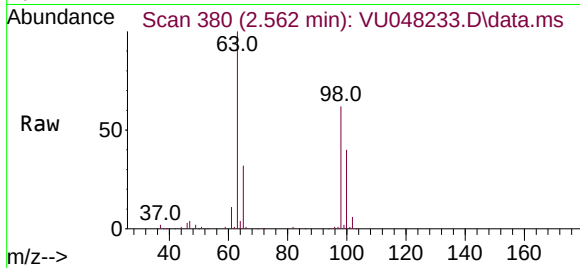
Acq: 22 Apr 2022 18:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1265
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: 0.560 ug/L

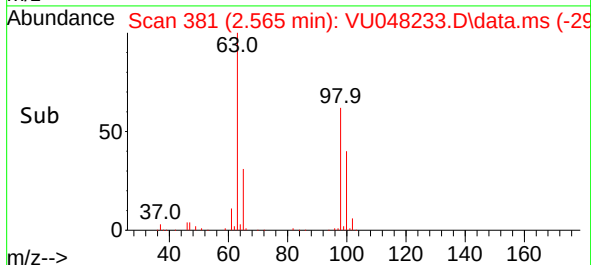
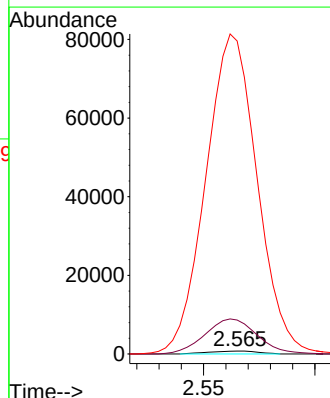
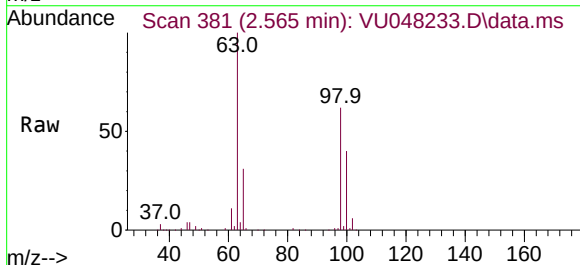
RT: 2.565 min Scan# 381

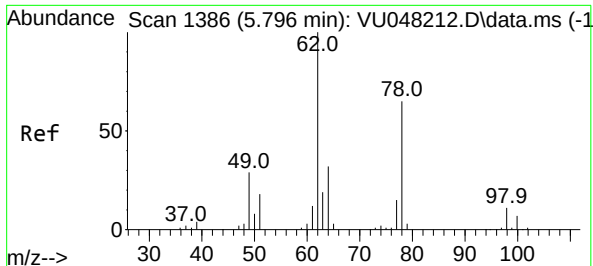
Delta R.T. -0.016 min

Lab File: VU048233.D

Acq: 22 Apr 2022 18:32

Tgt Ion: 96	Resp:	1137
Ion Ratio	Lower	Upper
96	100	
61	1172.5	113.1 210.1#
63	10828.8	94.8 176.0#

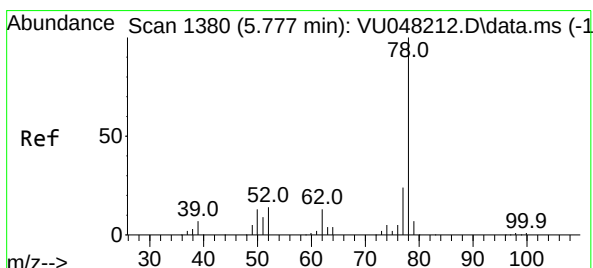
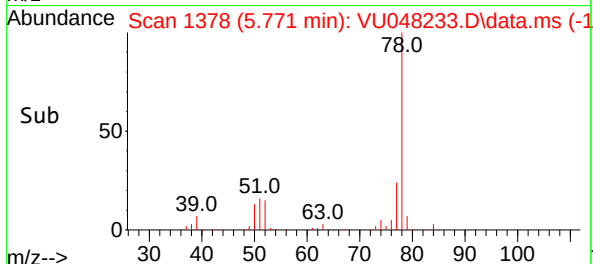
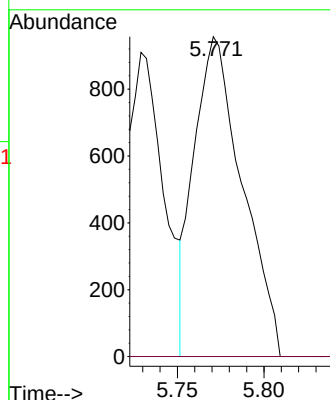
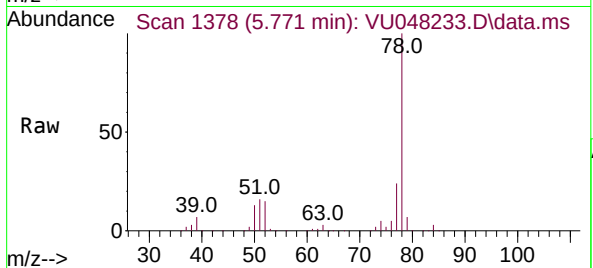




#27
1,2-Dichloroethane
Concen: 0.590 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.026 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

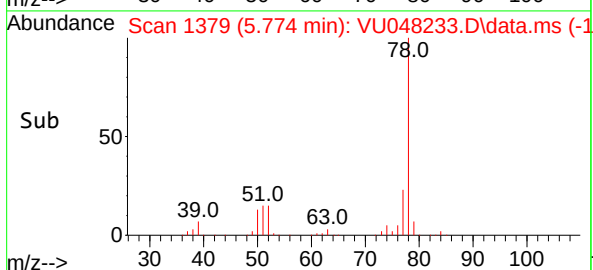
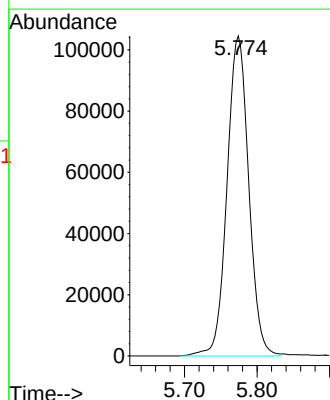
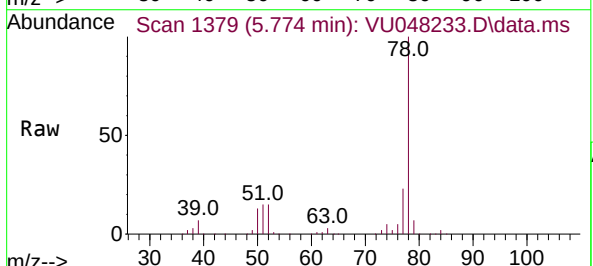
Instrument :
MSVOA_U
ClientSampleId :

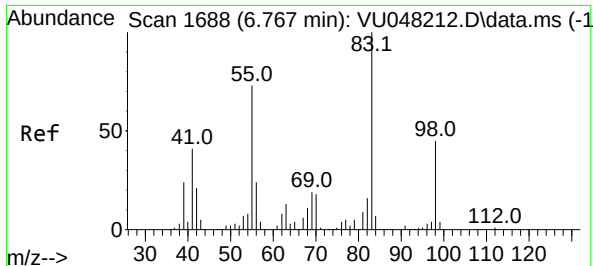
Tgt Ion: 62 Resp: 1852
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#33
Benzene
Concen: 24.035 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

Tgt Ion: 78 Resp: 217355

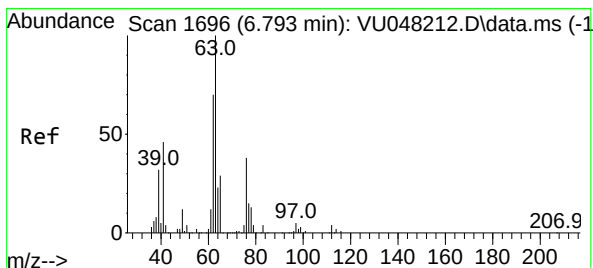
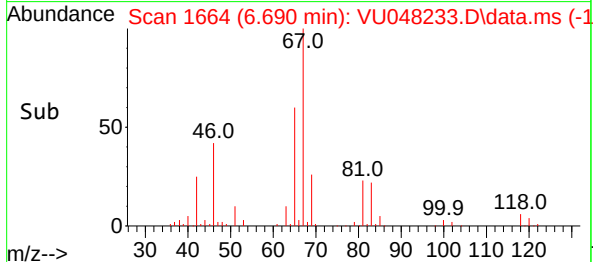
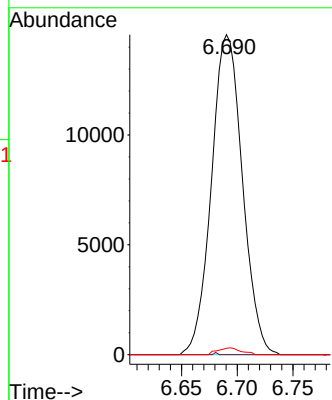
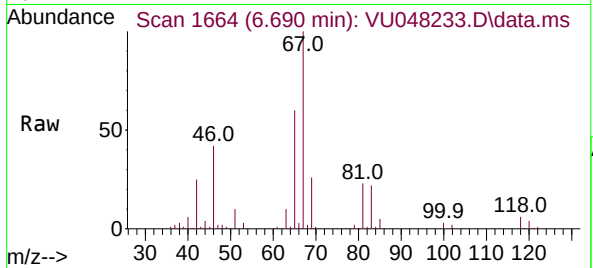




#35
Methylcyclohexane
Concen: 7.816 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

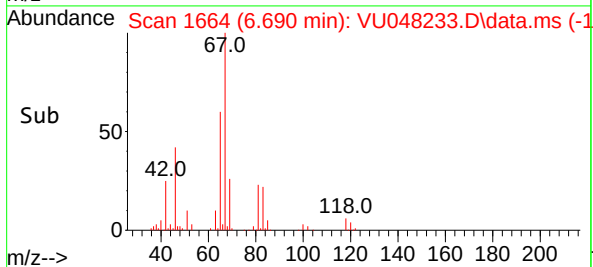
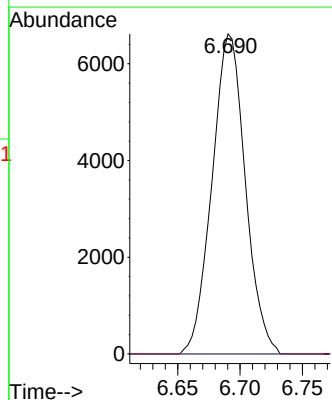
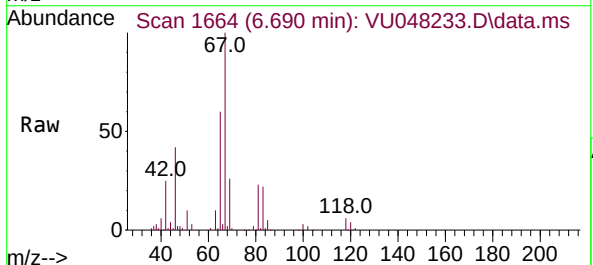
Instrument :
MSVOA_U
ClientSampleId :

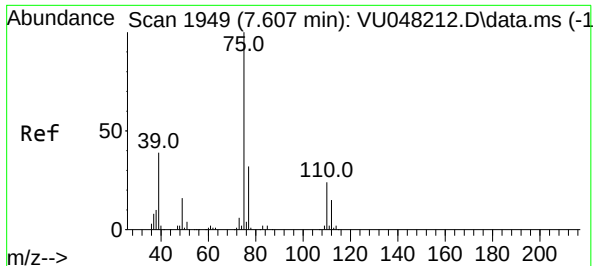
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.8	85.2#
98	1.5	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 5.349 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.738 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU048233.D

Acq: 22 Apr 2022 18:32

Instrument :

MSVOA_U

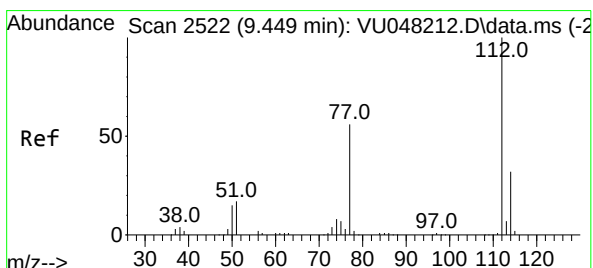
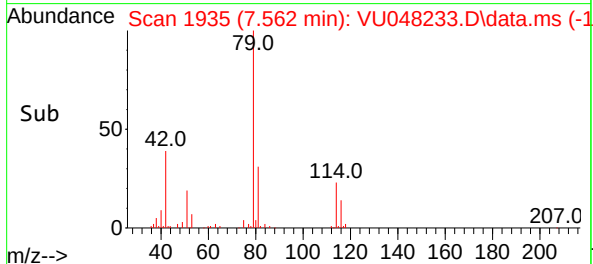
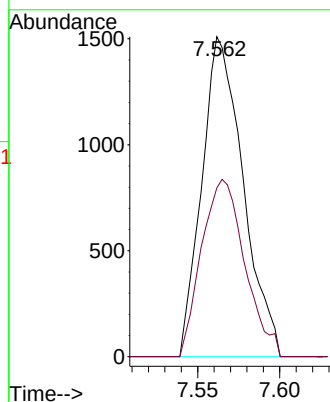
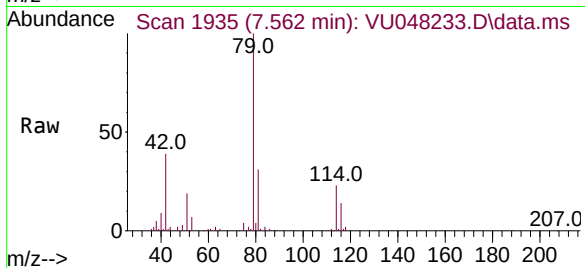
ClientSampleId :

Tgt Ion: 75 Resp: 2634

Ion Ratio Lower Upper

75 100

77 52.8 21.8 40.6#



#51

Chlorobenzene

Concen: 133.323 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048233.D

Acq: 22 Apr 2022 18:32

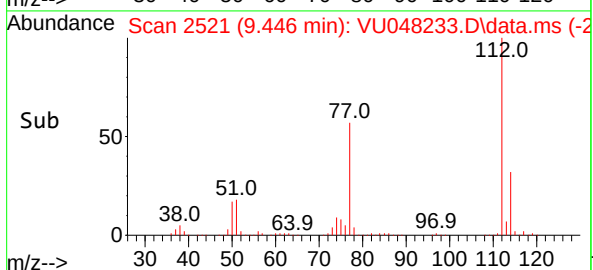
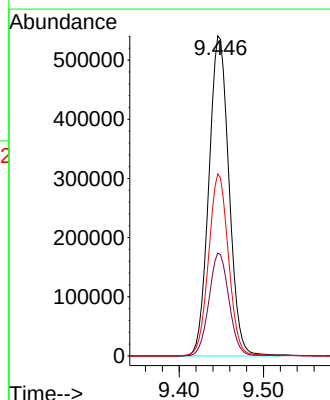
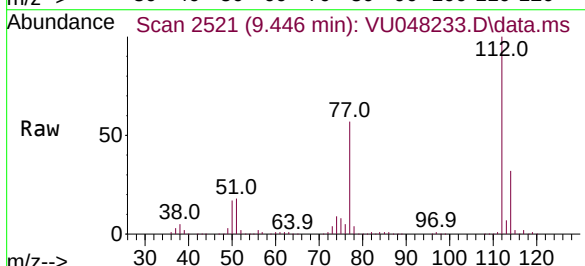
Tgt Ion: 112 Resp: 898249

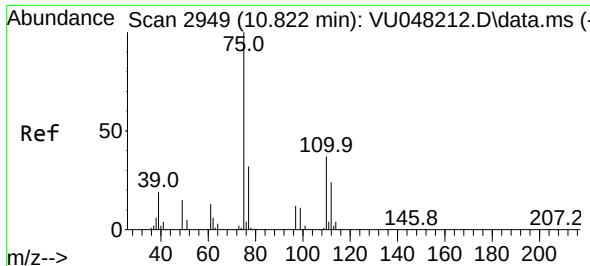
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 56.9 43.4 65.0

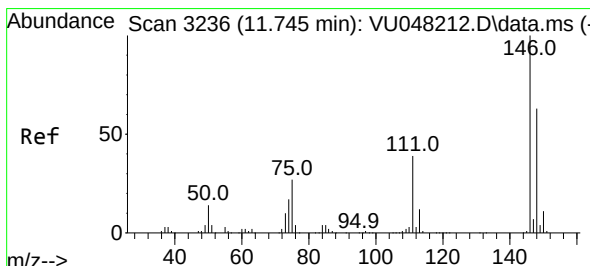
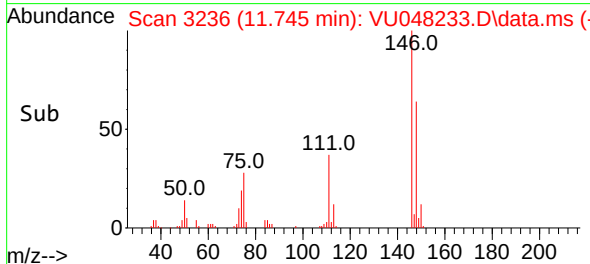
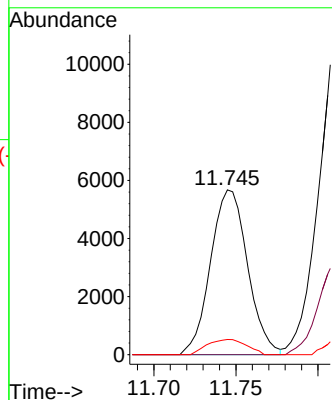
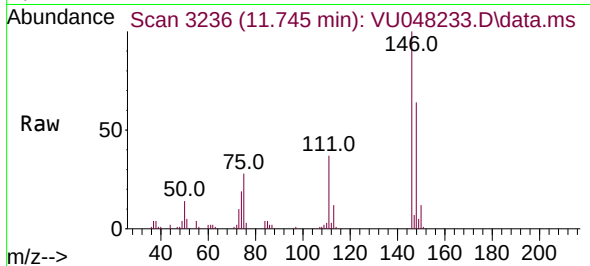




#60
1,2,3-Trichloropropane
Concen: 3.076 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

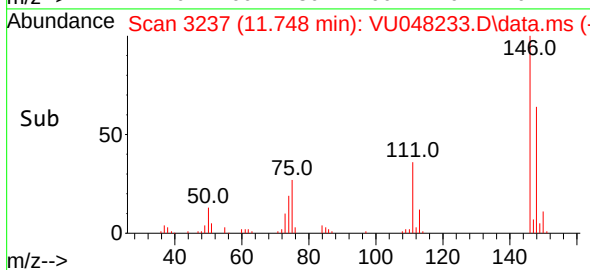
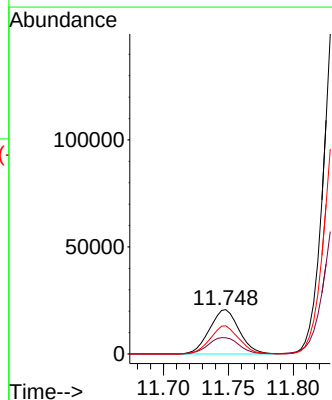
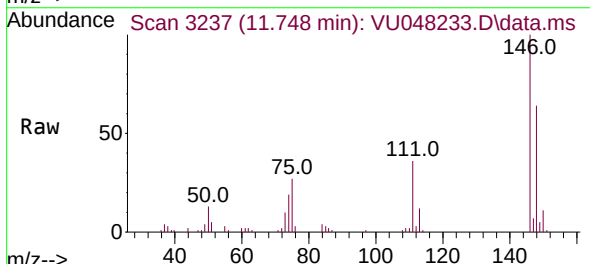
Instrument :
MSVOA_U
ClientSampleId :

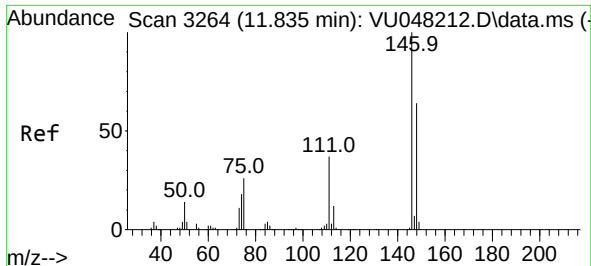
Tgt Ion: 75 Resp: 8900
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 9.7 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 7.133 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

Tgt Ion:146 Resp: 32885
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.7
148 63.8 44.4 82.5

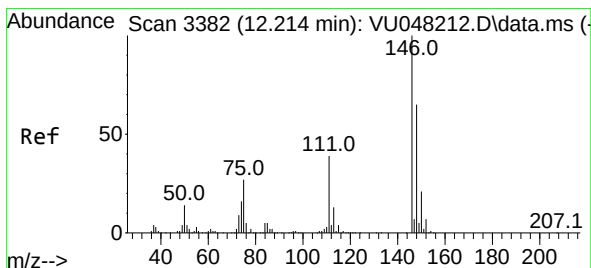
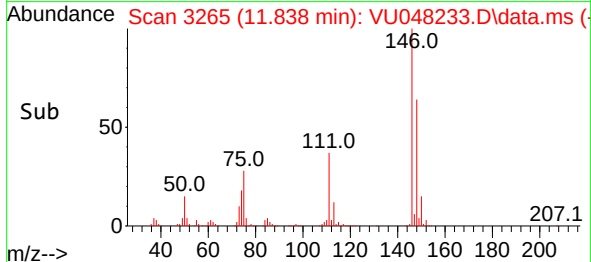
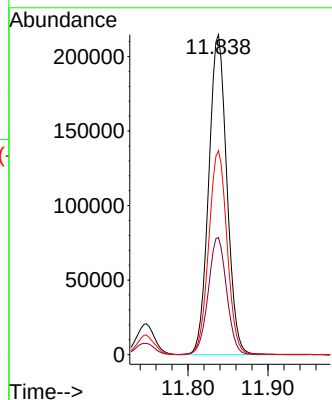
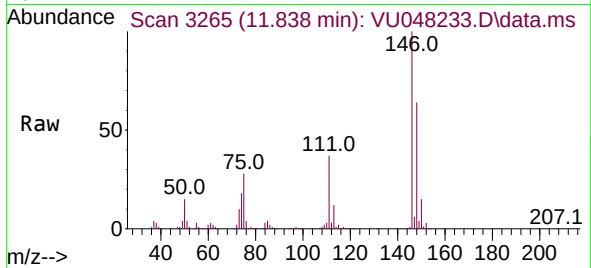




#65
1,4-Dichlorobenzene
Concen: 70.951 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

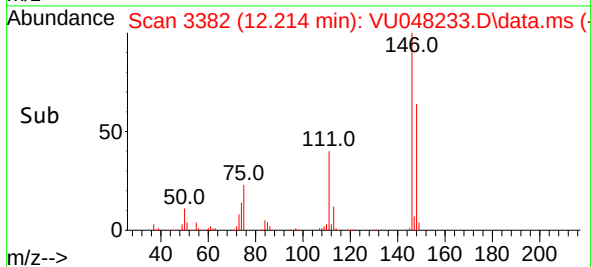
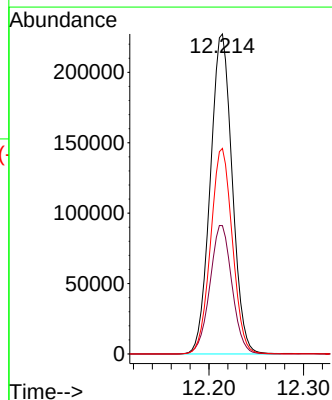
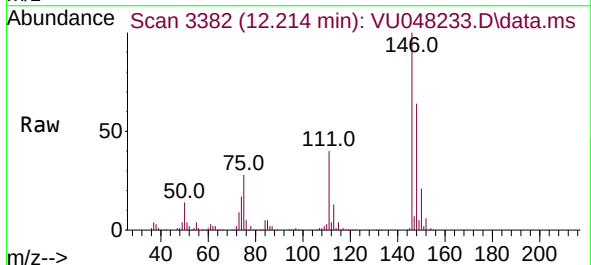
Instrument :
MSVOA_U
ClientSampleId :

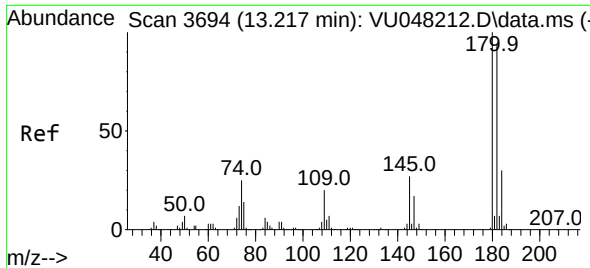
Tgt Ion:146 Resp: 338807
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 63.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 79.331 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

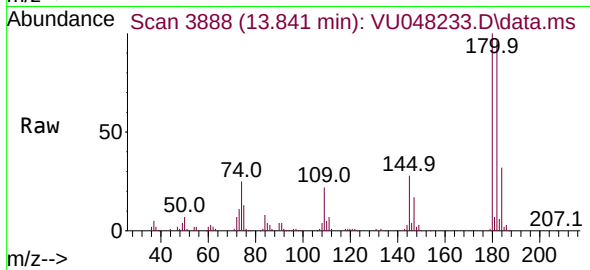
Tgt Ion:146 Resp: 365952
Ion Ratio Lower Upper
146 100
111 40.1 31.7 47.5
148 64.2 51.4 77.2



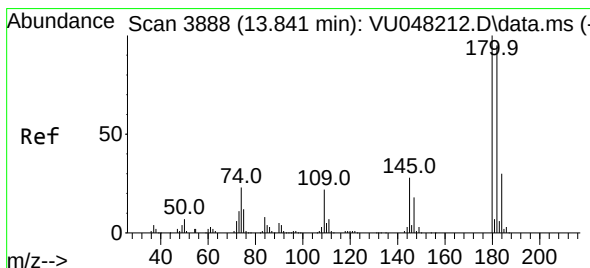
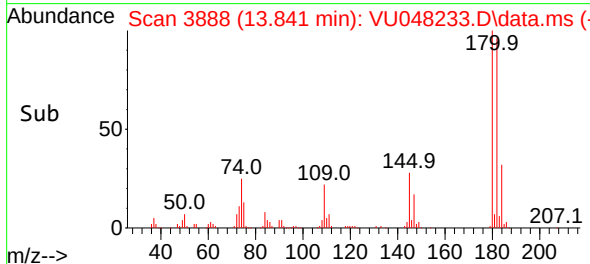
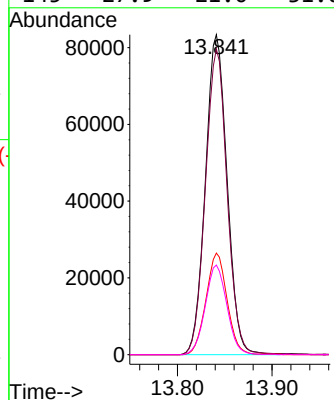


#69
 1,3,5-Trichlorobenzene
 Concen: 35.509 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.624 min
 Lab File: VU048233.D
 Acq: 22 Apr 2022 18:32

Instrument :
 MSVOA_U
 ClientSampleId :

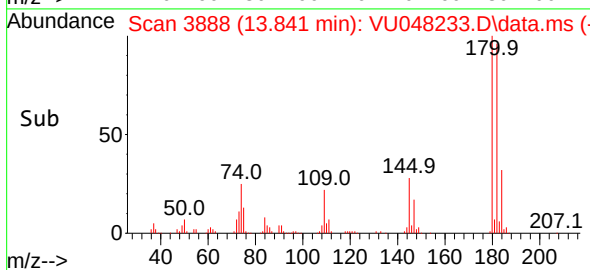
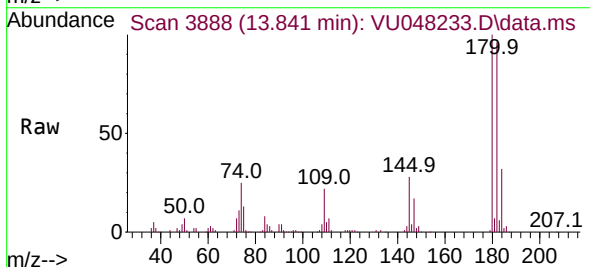
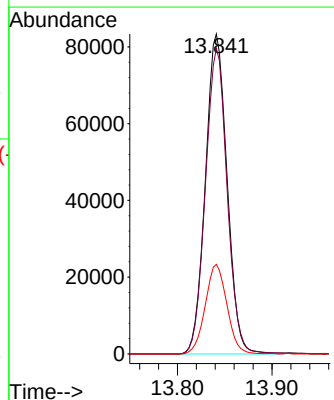


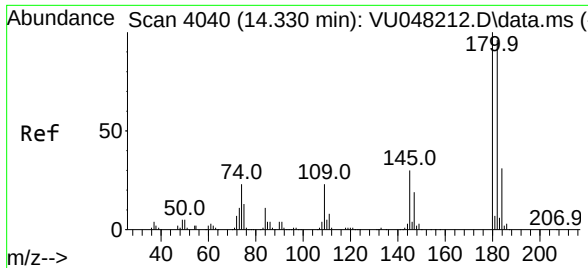
Tgt Ion:180 Resp: 132954
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 184 30.9 24.5 36.7
 145 27.9 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 40.541 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048233.D
 Acq: 22 Apr 2022 18:32

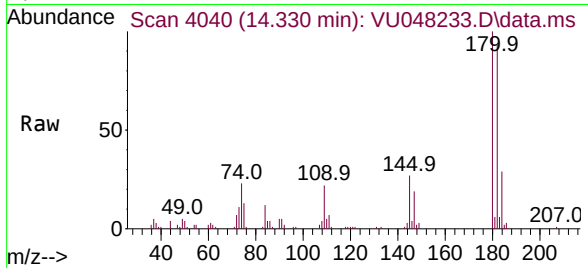
Tgt Ion:180 Resp: 132954
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.2 114.2
 145 27.9 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 9.894 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU048233.D
 Acq: 22 Apr 2022 18:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 32527
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.4 116.0
 145 30.3 22.8 34.2

