

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048231.D
 Acq On : 22 Apr 2022 17:44
 Operator : SY/MD
 Sample : N2486-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:04:02 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	191158	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	195269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89929	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	105744	76.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 152.560%#	
7) Chloroethane-d5	1.890	69	80043	73.231	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 146.460%#	
11) 1,1-Dichloroethene-d2	2.562	63	126960	50.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.120%	
21) 2-Butanone-d5	4.623	46	160410	134.819	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 134.820%#	
24) Chloroform-d	5.063	84	172937	68.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 136.360%#	
26) 1,2-Dichloroethane-d4	5.700	65	108072	69.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 138.940%#	
32) Benzene-d6	5.726	84	360228	73.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 146.620%#	
36) 1,2-Dichloropropane-d6	6.690	67	115831	76.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 153.520%#	
41) Toluene-d8	7.899	98	293917	61.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 122.800%#	
43) trans-1,3-Dichloroprop...	8.179	79	47446	62.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 124.120%	
47) 2-Hexanone-d5	8.636	63	109115	123.523	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 123.520%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196058	75.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 151.420%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	121557	75.977	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 151.960%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2821	1.664	ug/L	91
6) Bromomethane	1.832	94	1282	1.378	ug/L	90
8) Chloroethane	1.607	64	6889	6.349	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1215	0.862	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1099	0.838	ug/L #	1
35) Methylcyclohexane	6.690	83	26637	11.816	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	11805	8.216	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2796	1.254	ug/L #	75
44) trans-1,3-Dichloropropene	8.179	75	1953	0.877	ug/L	84
51) Chlorobenzene	9.449	112	5722	1.359	ug/L	99

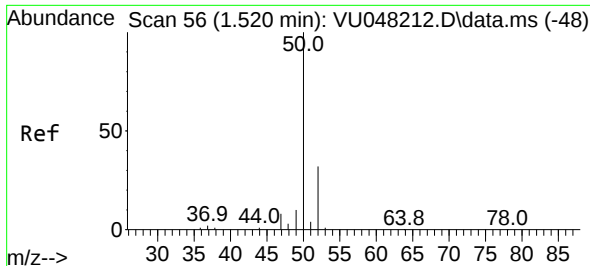
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048231.D
Acq On : 22 Apr 2022 17:44
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :

Quant Time: Apr 22 22:04:02 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

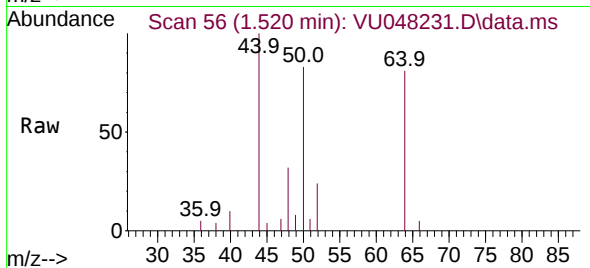
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

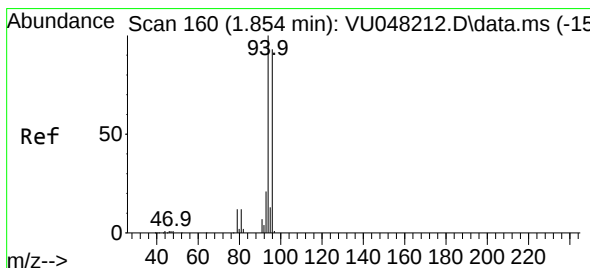
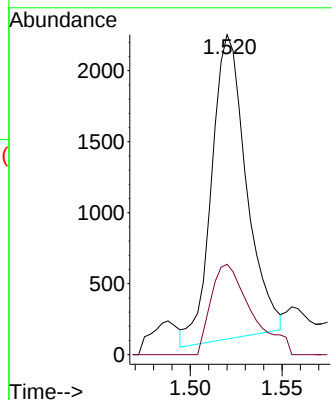
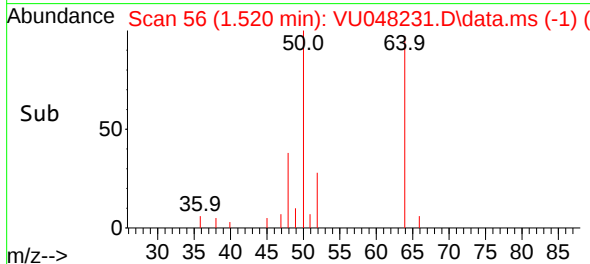


#3
Chloromethane
Concen: 1.664 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :

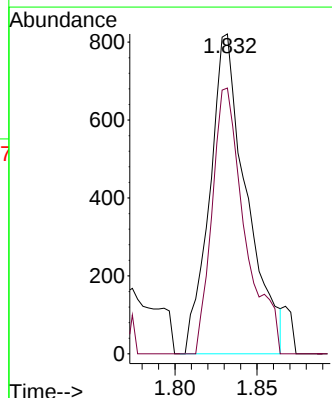
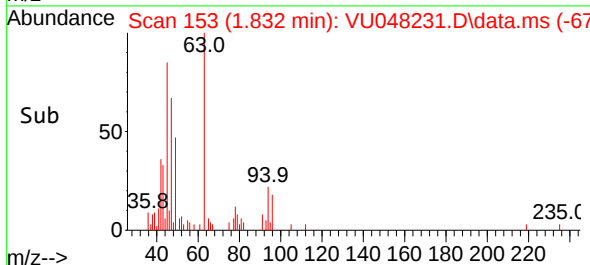
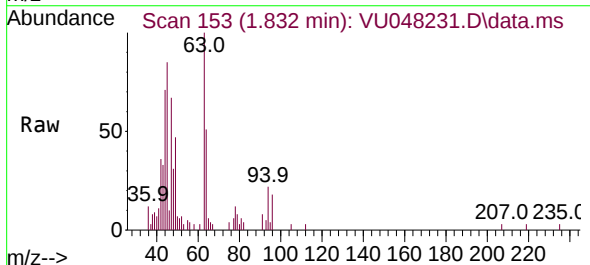


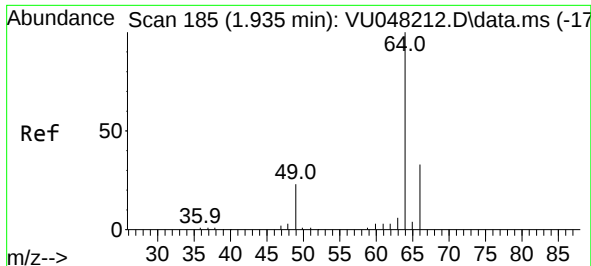
Tgt Ion: 50 Resp: 2821
Ion Ratio Lower Upper
50 100
52 28.2 23.2 43.2



#6
Bromomethane
Concen: 1.378 ug/L
RT: 1.832 min Scan# 153
Delta R.T. -0.023 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

Tgt Ion: 94 Resp: 1282
Ion Ratio Lower Upper
94 100
96 83.1 64.8 120.3

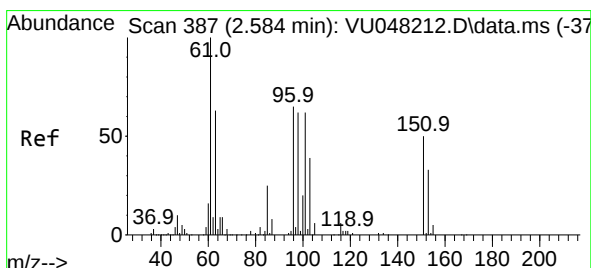
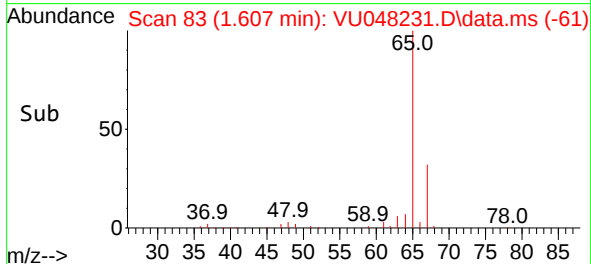
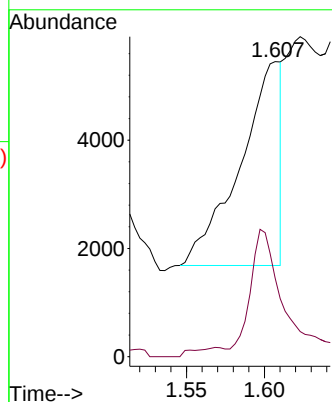
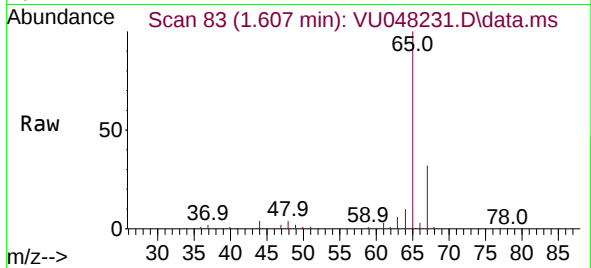




#8
Chloroethane
Concen: 6.349 ug/L
RT: 1.607 min Scan# 81
Delta R.T. -0.328 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

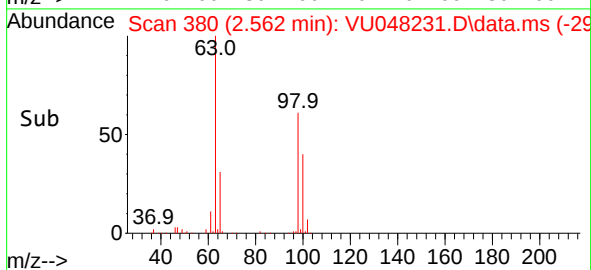
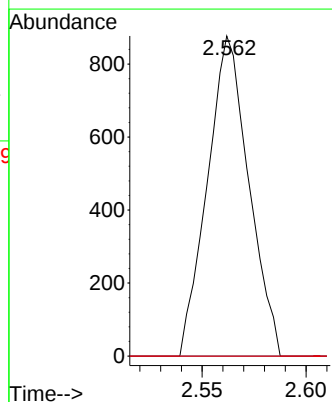
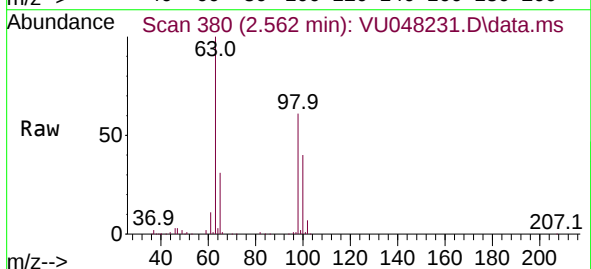
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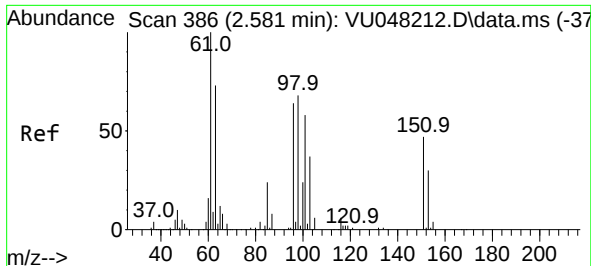
Tgt Ion: 64 Resp: 6889
Ion Ratio Lower Upper
64 100
66 26.7 23.3 43.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.862 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.023 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

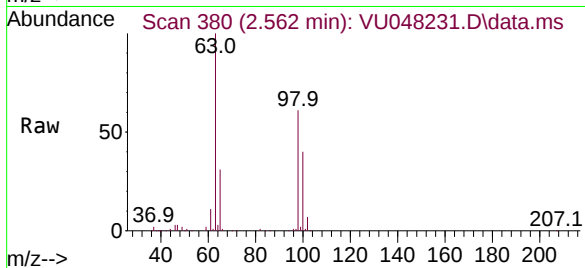
Tgt Ion:101 Resp: 1215
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



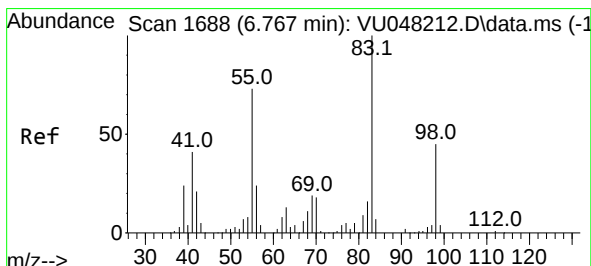
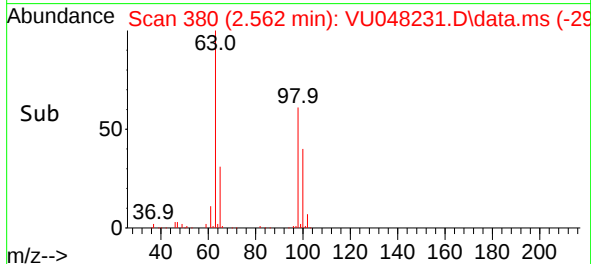
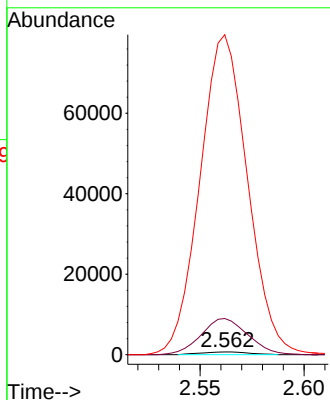


#12
1,1-Dichloroethene
Concen: 0.838 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :

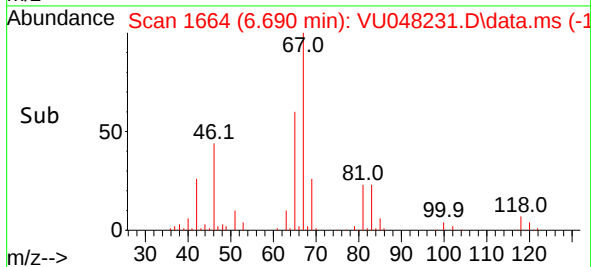
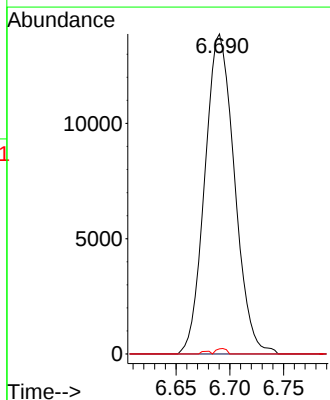
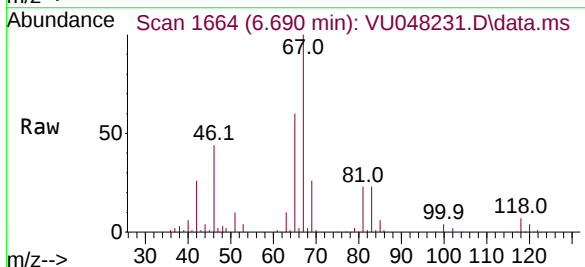


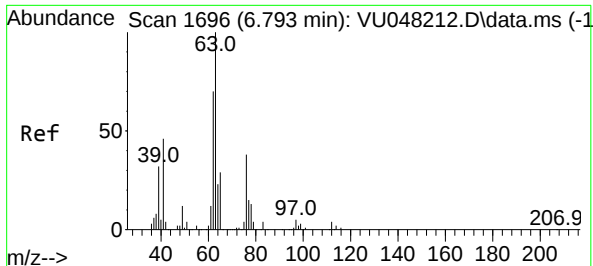
Tgt Ion: 96 Resp: 1099
Ion Ratio Lower Upper
96 100
61 1340.5 113.1 210.1#
63 11836.9 94.8 176.0#



#35
Methylcyclohexane
Concen: 11.816 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

Tgt Ion: 83 Resp: 26637
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: 8.216 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048231.D

Acq: 22 Apr 2022 17:44

Instrument :

MSVOA_U

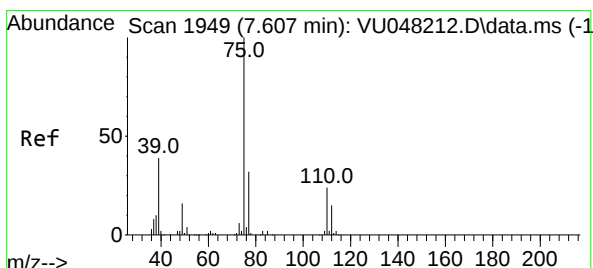
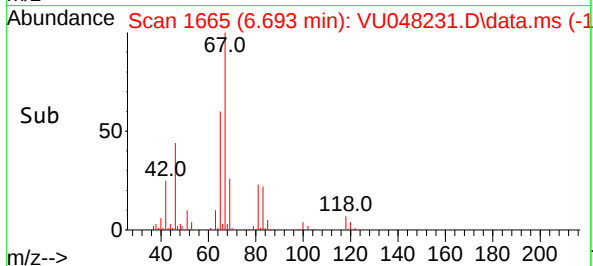
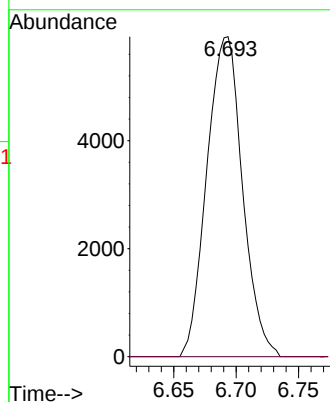
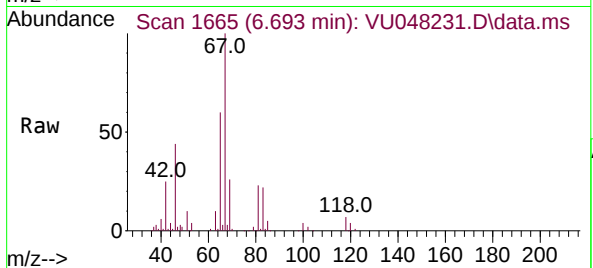
ClientSampleId :

Tgt Ion: 63 Resp: 11805

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 1.254 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU048231.D

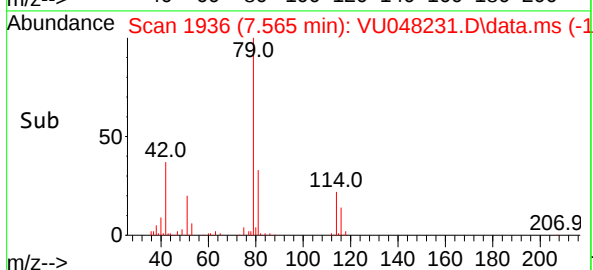
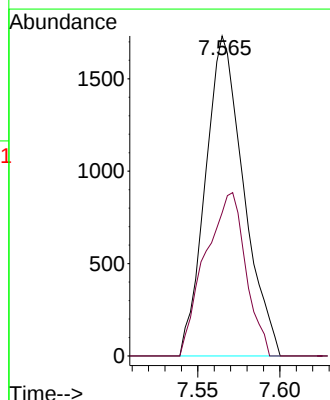
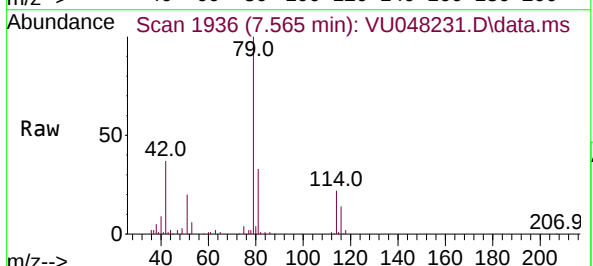
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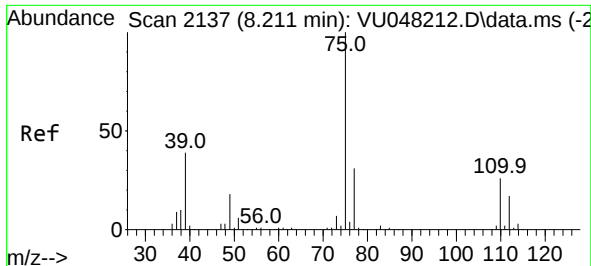
Tgt Ion: 75 Resp: 2796

Ion Ratio Lower Upper

75 100

77 44.7 21.8 40.6#

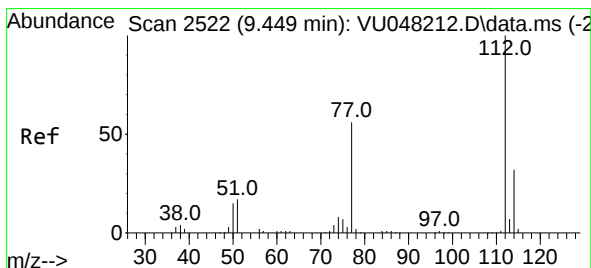
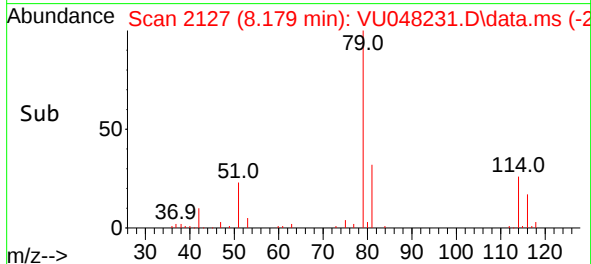
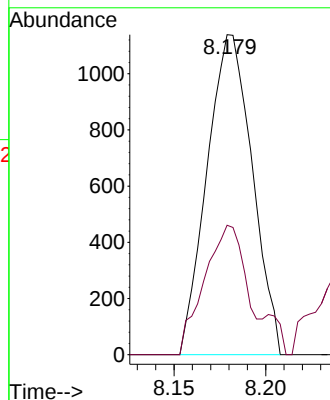
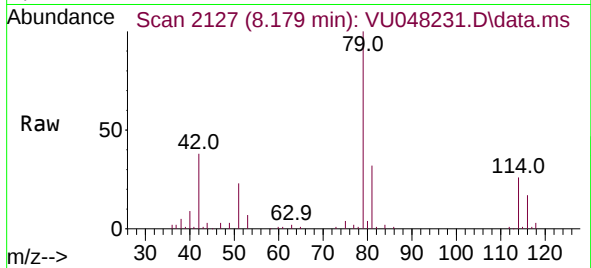




#44
trans-1,3-Dichloropropene
Concen: 0.877 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

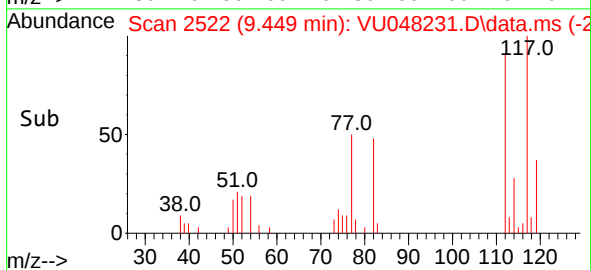
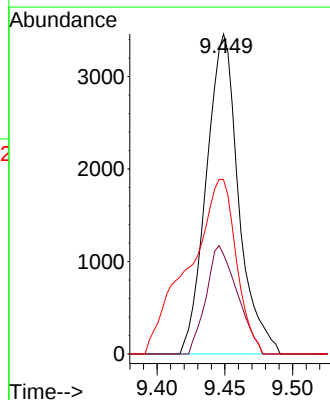
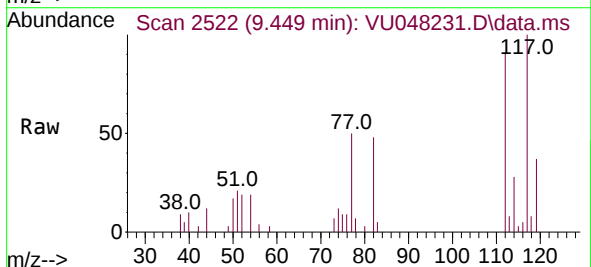
Instrument :
MSVOA_U
ClientSampleId :

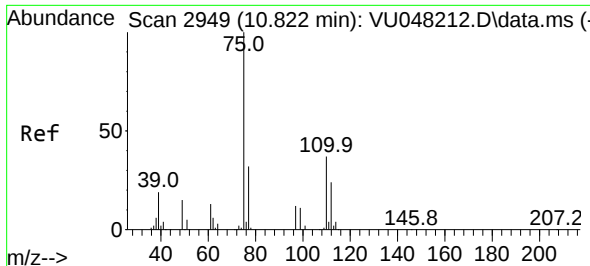
Tgt Ion: 75 Resp: 1953
Ion Ratio Lower Upper
75 100
77 40.5 22.0 40.8



#51
Chlorobenzene
Concen: 1.359 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

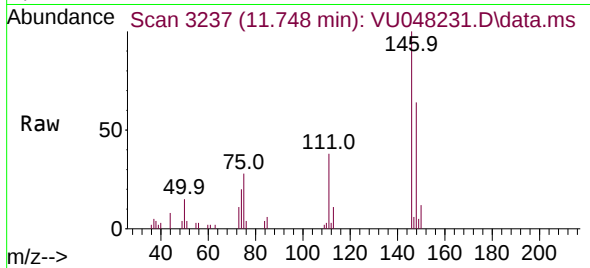
Tgt Ion: 112 Resp: 5722
Ion Ratio Lower Upper
112 100
114 31.0 22.1 41.1
77 54.5 43.4 65.0



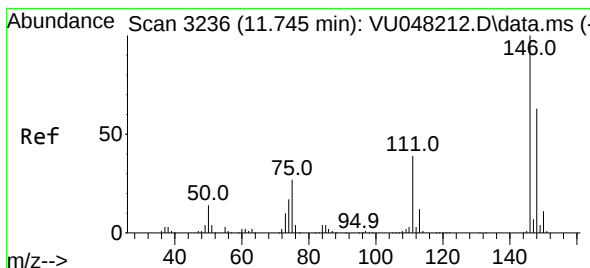
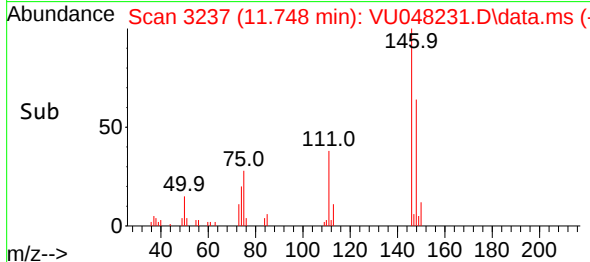
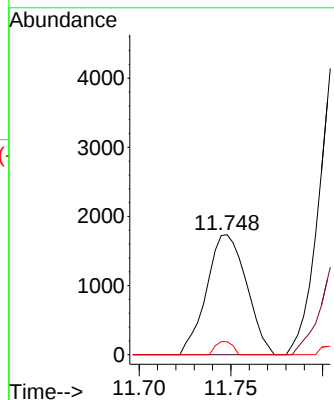


#60
 1,2,3-Trichloropropane
 Concen: 1.547 ug/L
 RT: 11.748 min Scan# 31
 Delta R.T. 0.926 min
 Lab File: VU048231.D
 Acq: 22 Apr 2022 17:44

Instrument :
 MSVOA_U
 ClientSampleId :

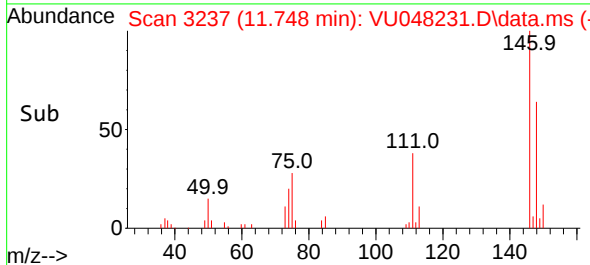
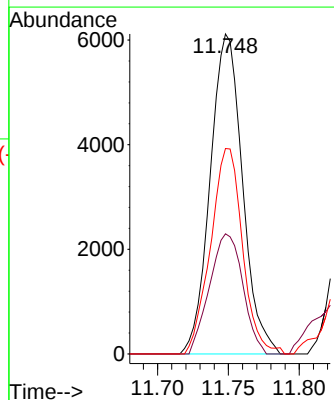
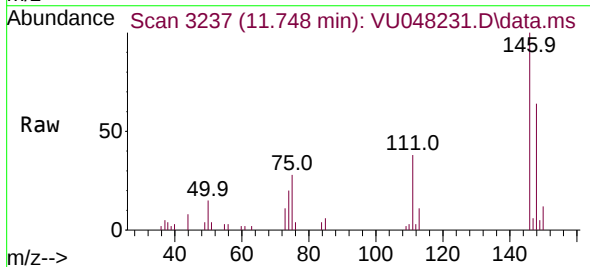


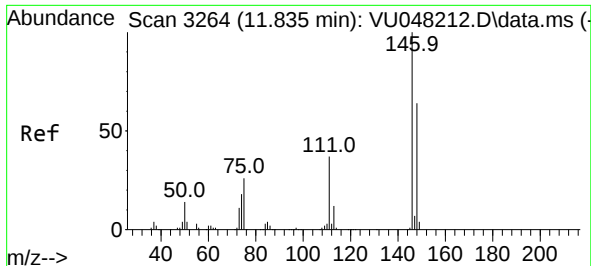
Tgt Ion: 75 Resp: 2623
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#
 110 4.7 31.4 47.2#



#64
 1,3-Dichlorobenzene
 Concen: 3.588 ug/L
 RT: 11.748 min Scan# 3237
 Delta R.T. 0.003 min
 Lab File: VU048231.D
 Acq: 22 Apr 2022 17:44

Tgt Ion:146 Resp: 9693
 Ion Ratio Lower Upper
 146 100
 111 37.6 26.7 49.7
 148 64.2 44.4 82.5

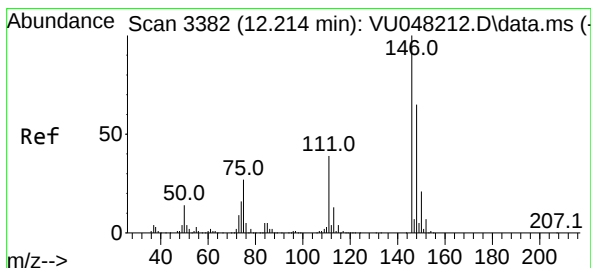
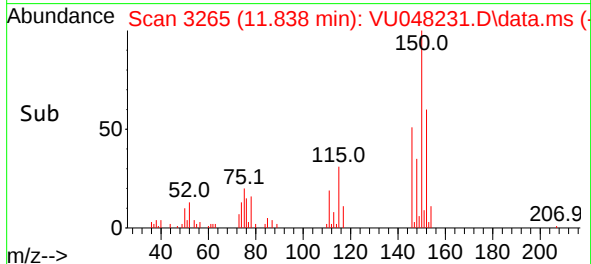
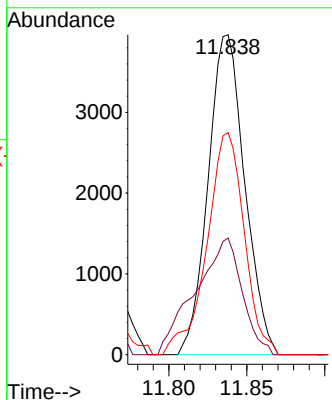
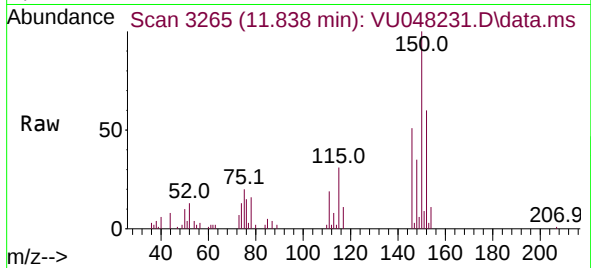




#65
1,4-Dichlorobenzene
Concen: 2.315 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

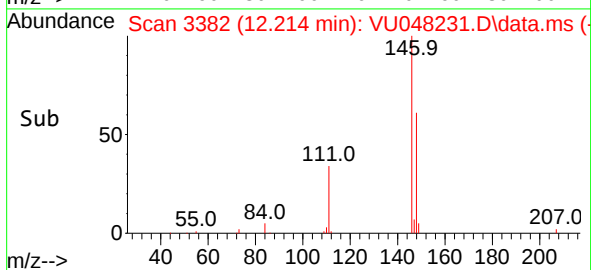
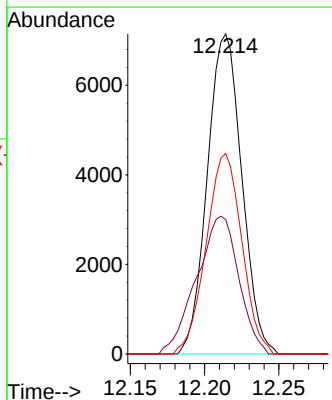
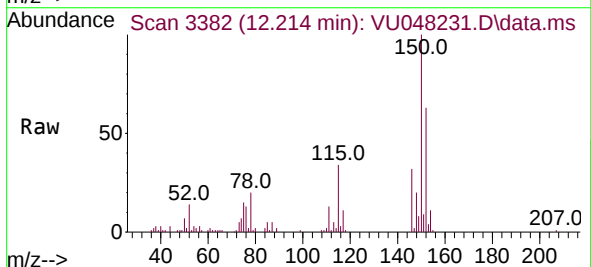
Instrument :
MSVOA_U
ClientSampleId :

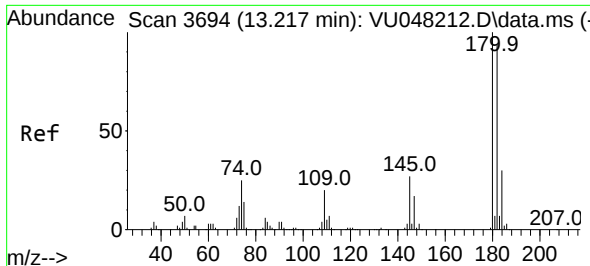
Tgt Ion:146 Resp: 6477
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 69.4 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 4.278 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048231.D
Acq: 22 Apr 2022 17:44

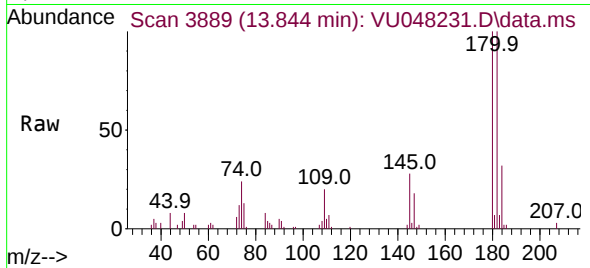
Tgt Ion:146 Resp: 11563
Ion Ratio Lower Upper
146 100
111 42.0 31.7 47.5
148 62.7 51.4 77.2



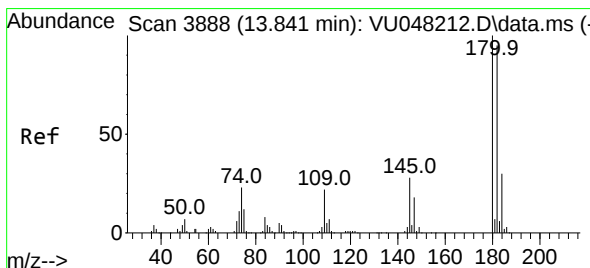
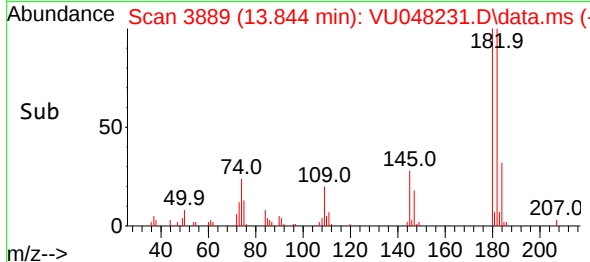
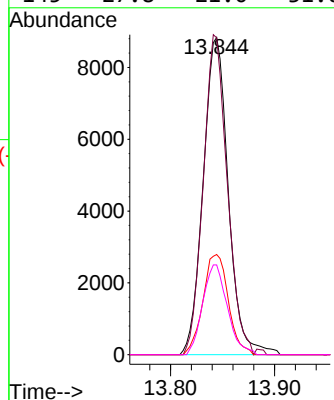


#69
 1,3,5-Trichlorobenzene
 Concen: 6.764 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.627 min
 Lab File: VU048231.D
 Acq: 22 Apr 2022 17:44

Instrument :
 MSVOA_U
 ClientSampleId :

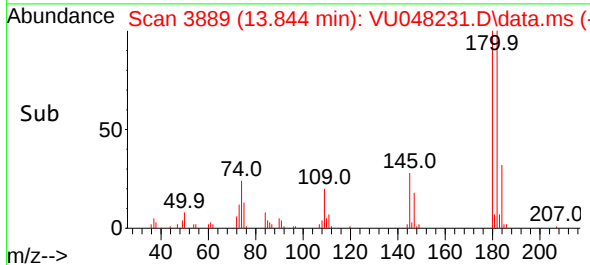
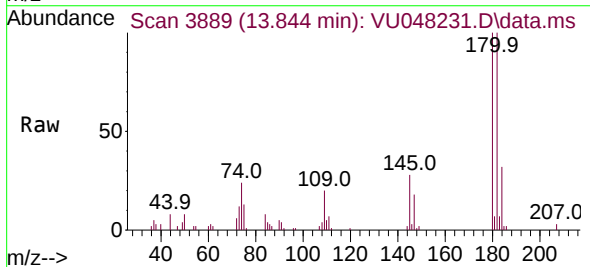
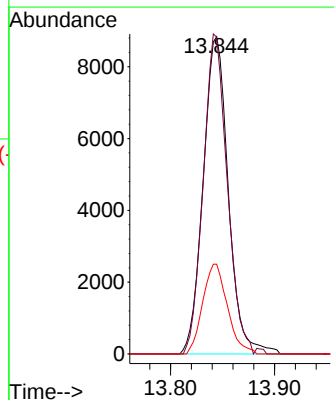


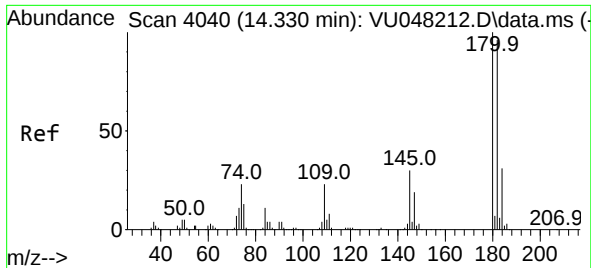
Tgt Ion:180 Resp: 14839
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.6
 184 31.9 24.5 36.7
 145 27.8 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 7.722 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU048231.D
 Acq: 22 Apr 2022 17:44

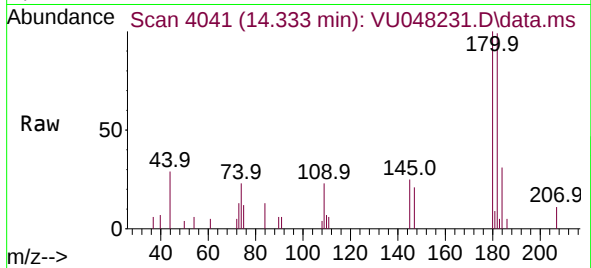
Tgt Ion:180 Resp: 14839
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.2 114.2
 145 27.8 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.108 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048231.D
 Acq: 22 Apr 2022 17:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 4060
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.4 116.0
 145 26.6 22.8 34.2

