

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048234.D
 Acq On : 22 Apr 2022 18:56
 Operator : SY/MD
 Sample : N2486-14DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:04:49 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)

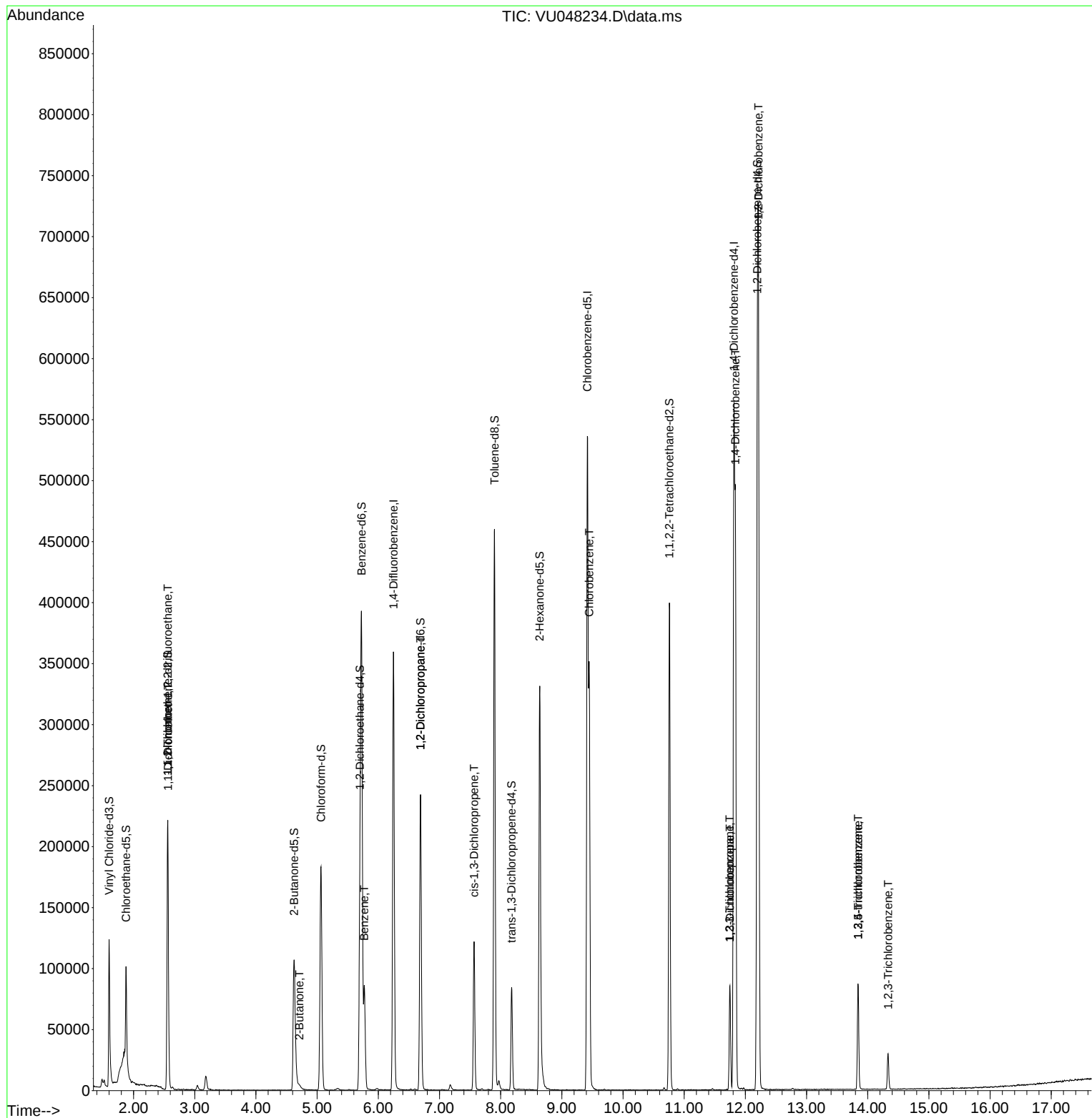
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305689	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	309837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	151244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	103566	46.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.440%
7) Chloroethane-d5	1.877	69	70223	40.175	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.360%
11) 1,1-Dichloroethene-d2	2.559	63	128889	31.779	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.560%
21) 2-Butanone-d5	4.623	46	168257	88.431	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.430%
24) Chloroform-d	5.063	84	173993	42.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.700	65	111958	45.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
32) Benzene-d6	5.726	84	367487	47.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	6.690	67	122891	51.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.660%
41) Toluene-d8	7.899	98	310551	40.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.760%
43) trans-1,3-Dichloroprop...	8.179	79	47401	39.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.160%
47) 2-Hexanone-d5	8.639	63	116477	83.100	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196958	47.932	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	135361	50.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.620%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1159	0.514	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1023	0.488	ug/L #	1
22) 2-Butanone	4.710	43	2287	1.003	ug/L	77
33) Benzene	5.771	78	80245	8.948	ug/L	100
37) 1,2-Dichloropropane	6.690	63	11861	5.202	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2507	0.709	ug/L #	47
51) Chlorobenzene	9.446	112	187586	28.075	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	9933	3.484	ug/L #	48
64) 1,3-Dichlorobenzene	11.748	146	36990	8.142	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	183604	39.016	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	257653	56.677	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	31120	8.434	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	31120	9.629	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	10530	3.250	ug/L	98

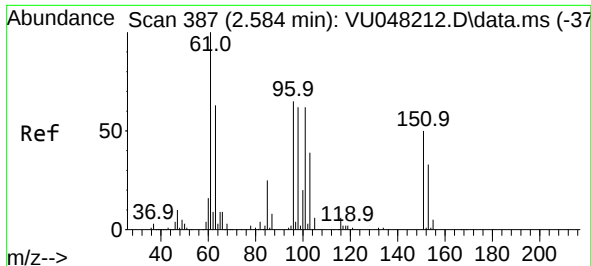
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
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#10

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

Concen: 0.514 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.026 min

Lab File: VU048234.D

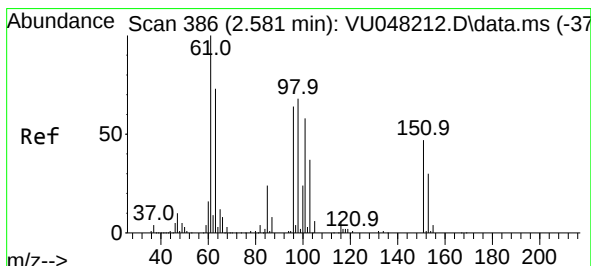
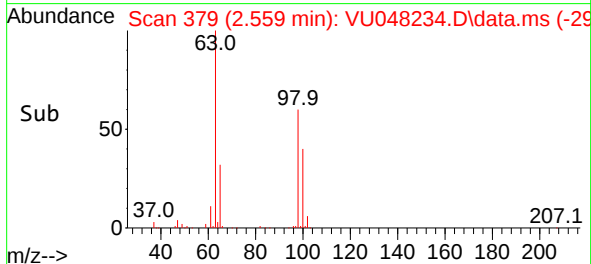
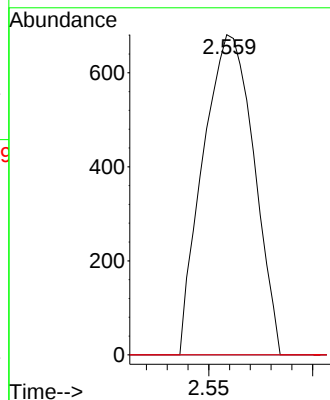
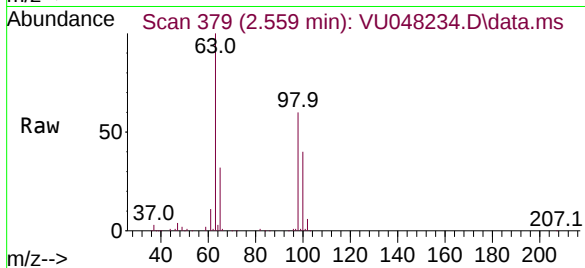
Acq: 22 Apr 2022 18:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1159
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: 0.488 ug/L

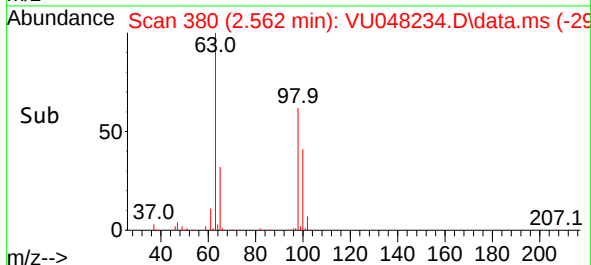
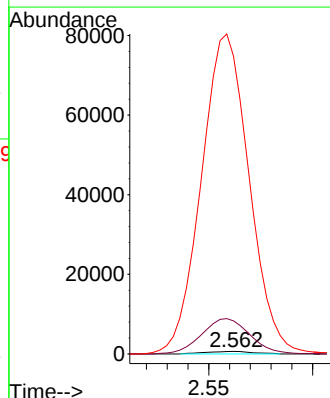
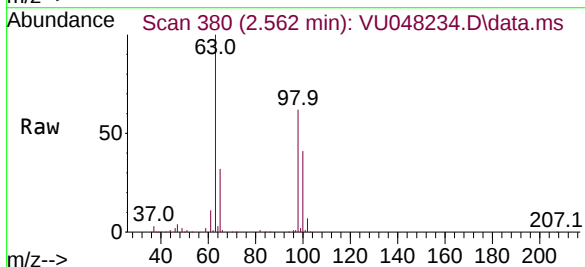
RT: 2.562 min Scan# 380

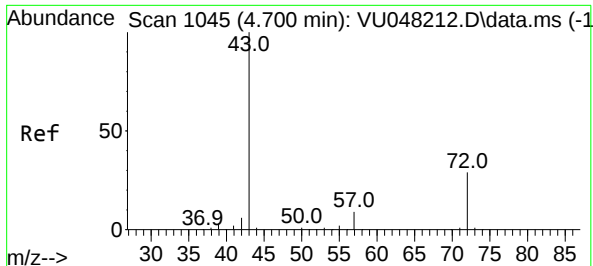
Delta R.T. -0.019 min

Lab File: VU048234.D

Acq: 22 Apr 2022 18:56

Tgt Ion: 96	Resp:	1023
Ion Ratio	Lower	Upper
96	100	
61	1306.1	113.1 210.1#
63	11746.3	94.8 176.0#

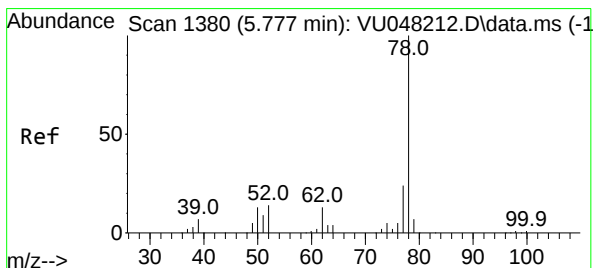
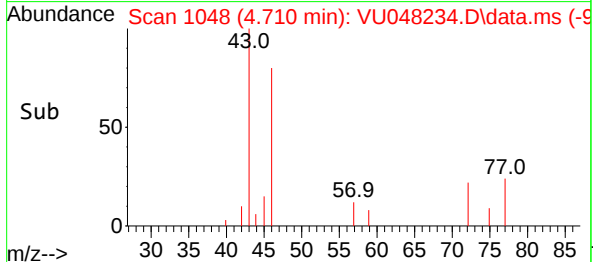
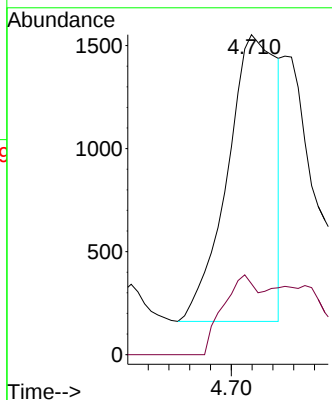
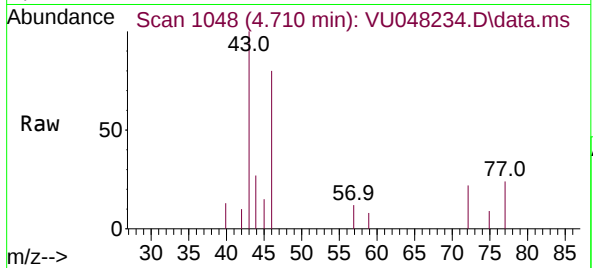




#22
2-Butanone
Concen: 1.003 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

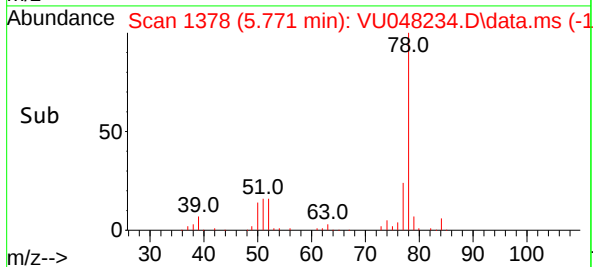
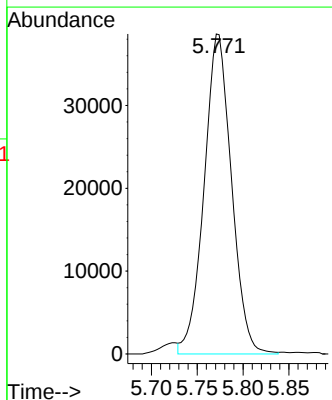
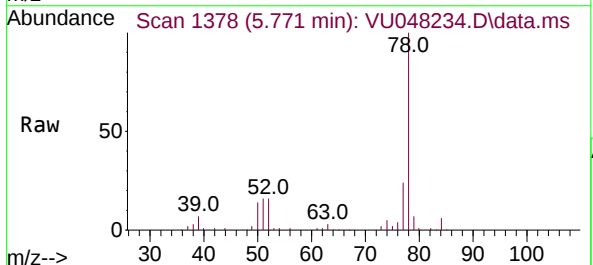
Instrument :
MSVOA_U
ClientSampleId :

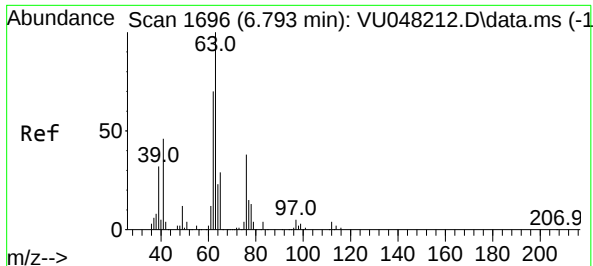
Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
72 19.2 16.0 47.9



#33
Benzene
Concen: 8.948 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

Tgt Ion: 78 Resp: 80245

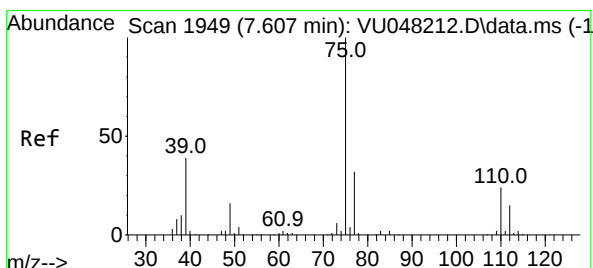
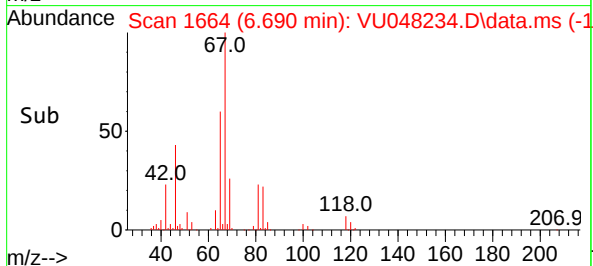
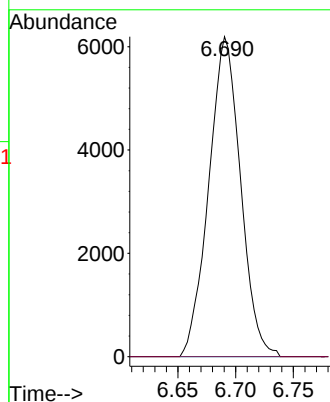
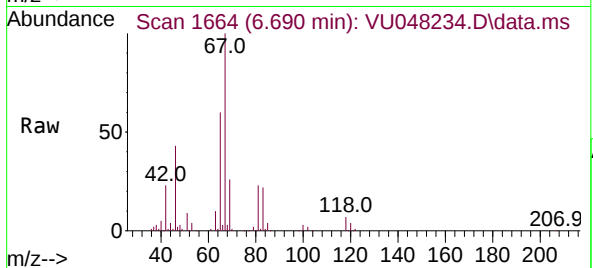




#37
1,2-Dichloropropane
Concen: 5.202 ug/L
RT: 6.690 min Scan# 11861
Delta R.T. -0.103 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

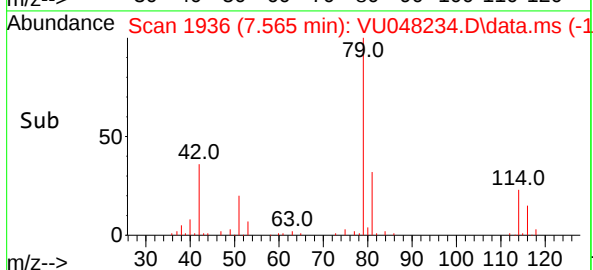
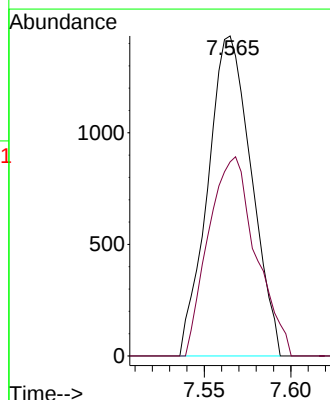
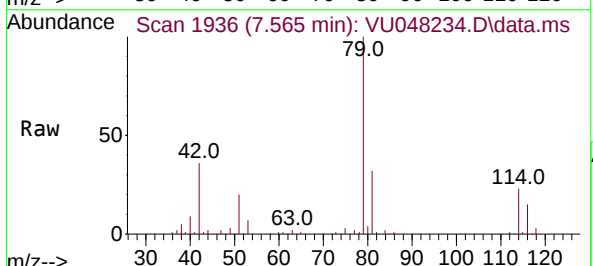
Instrument :
MSVOA_U
ClientSampleId :

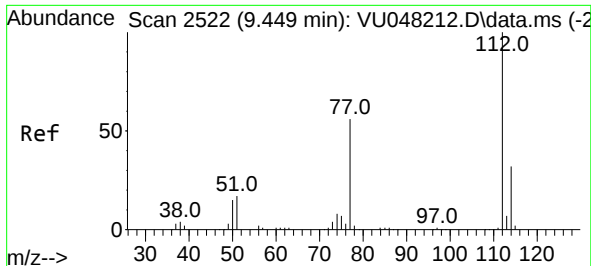
Tgt Ion: 63 Resp: 11861
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.709 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

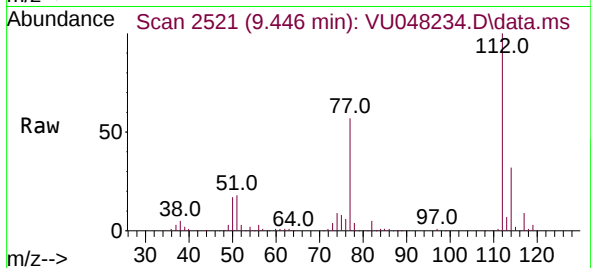
Tgt Ion: 75 Resp: 2507
Ion Ratio Lower Upper
75 100
77 60.7 21.8 40.6#



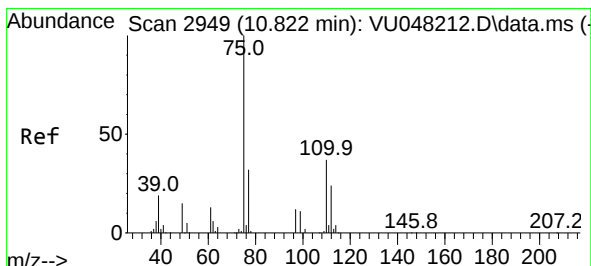
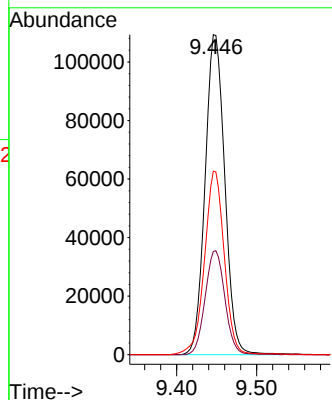
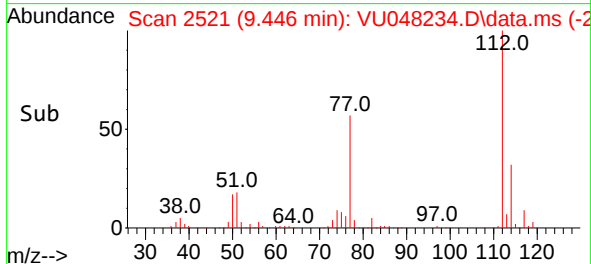


#51
Chlorobenzene
Concen: 28.075 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

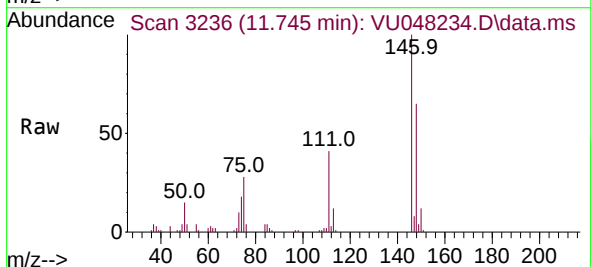
Instrument :
MSVOA_U
ClientSampleId :



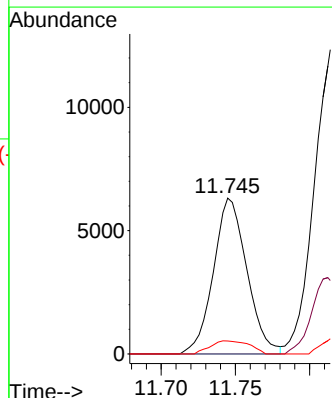
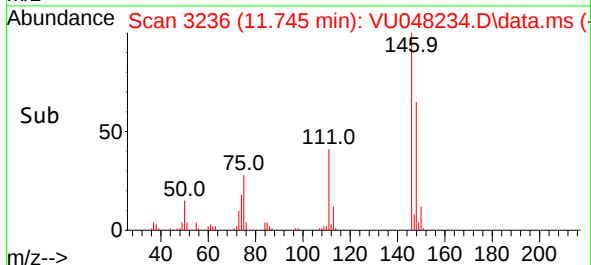
Tgt Ion:112 Resp: 187586
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 57.3 43.4 65.0

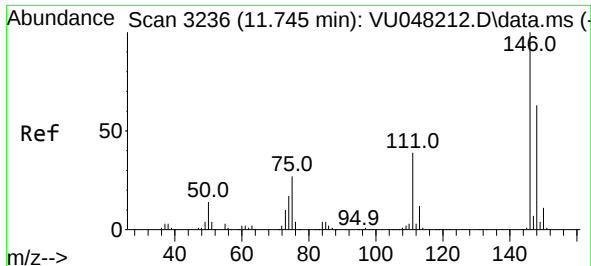


#60
1,2,3-Trichloropropane
Concen: 3.484 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56



Tgt Ion: 75 Resp: 9933
Ion Ratio Lower Upper
75 100
77 0.7 26.0 39.0#
110 9.8 31.4 47.2#

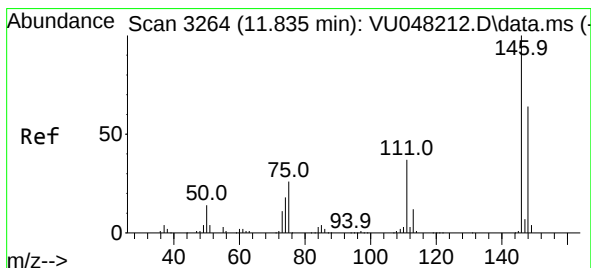
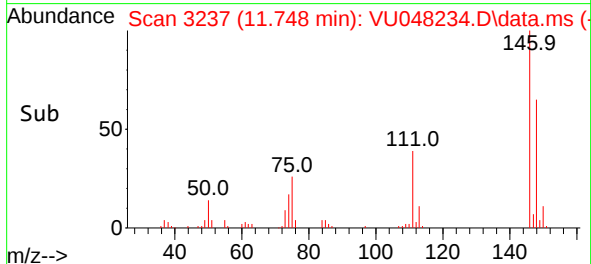
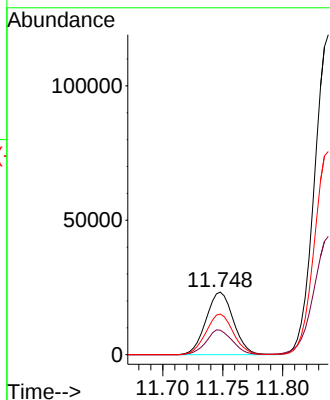
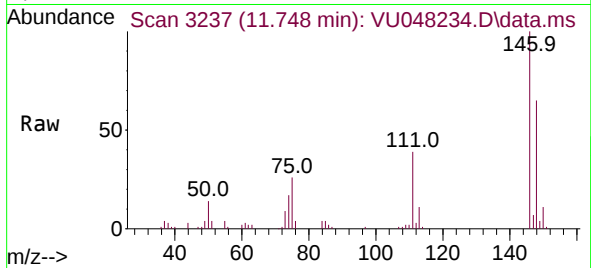




#64
1,3-Dichlorobenzene
Concen: 8.142 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

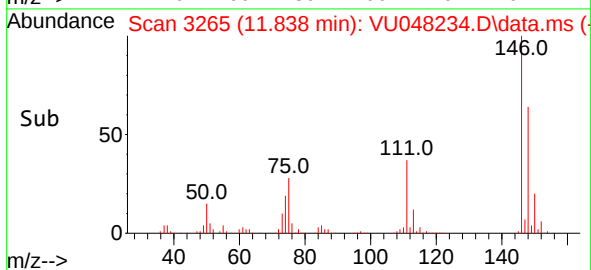
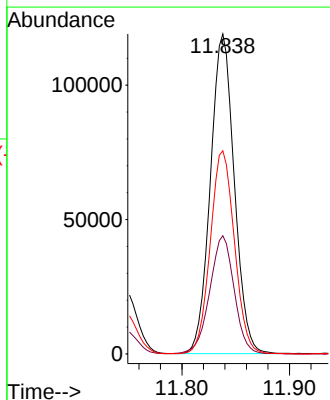
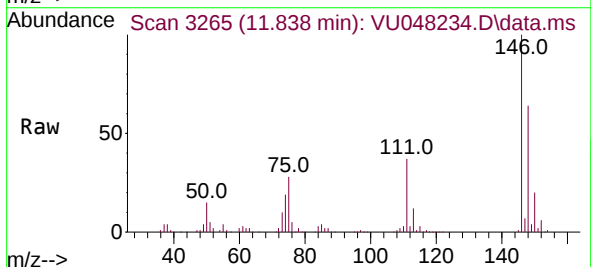
Instrument :
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ClientSampleId :

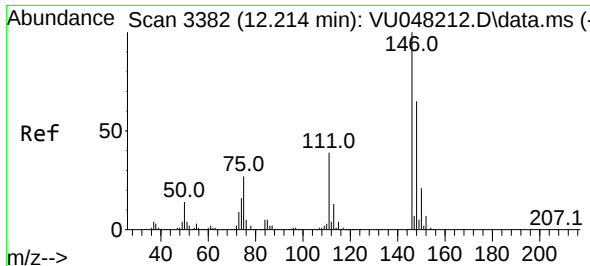
Tgt Ion:146 Resp: 36990
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 65.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 39.016 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

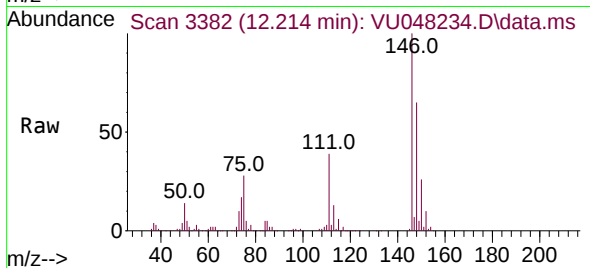
Tgt Ion:146 Resp: 183604
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 63.5 44.5 82.7



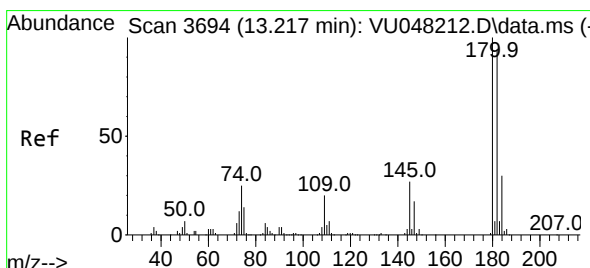
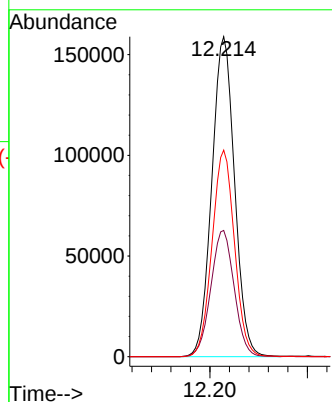
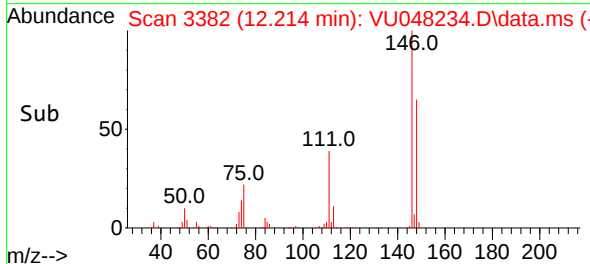


#67
1,2-Dichlorobenzene
Concen: 56.677 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

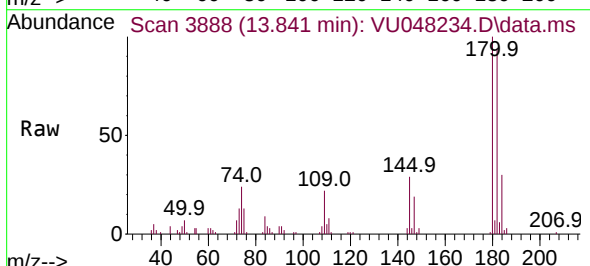
Instrument :
MSVOA_U
ClientSampleId :



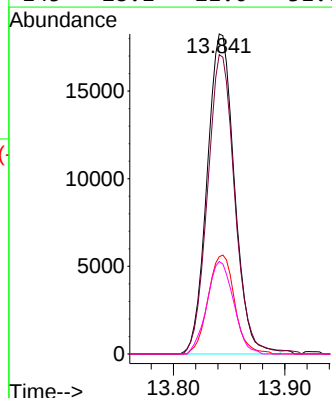
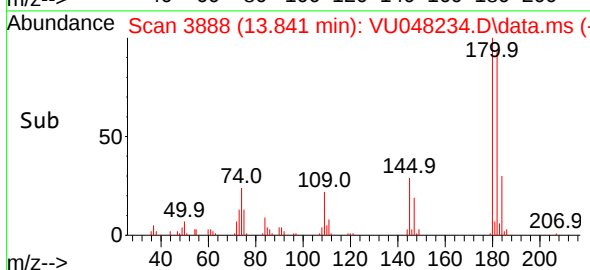
Tgt Ion:146 Resp: 257653
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 64.6 51.4 77.2

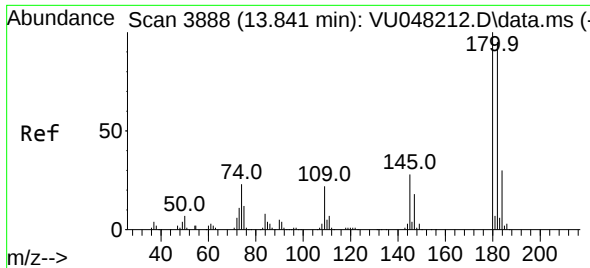


#69
1,3,5-Trichlorobenzene
Concen: 8.434 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56



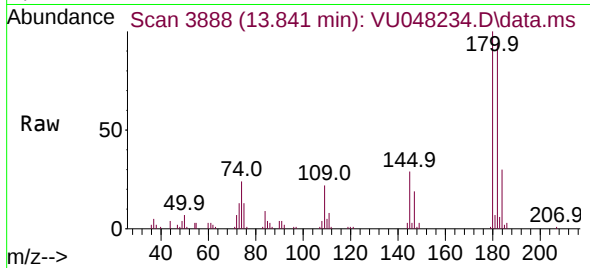
Tgt Ion:180 Resp: 31120
Ion Ratio Lower Upper
180 100
182 92.7 77.0 115.6
184 30.0 24.5 36.7
145 28.1 21.0 31.6



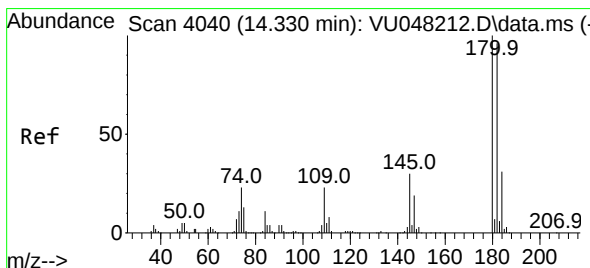
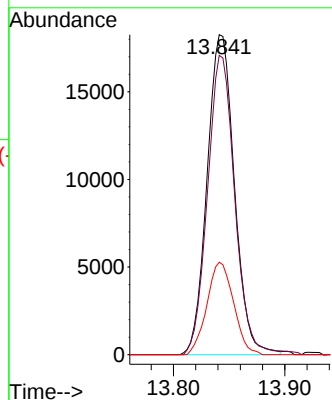
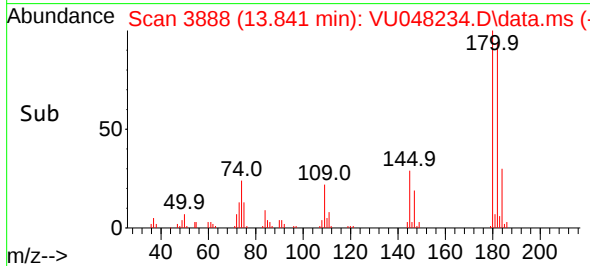


#70
 1,2,4-trichlorobenzene
 Concen: 9.629 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048234.D
 Acq: 22 Apr 2022 18:56

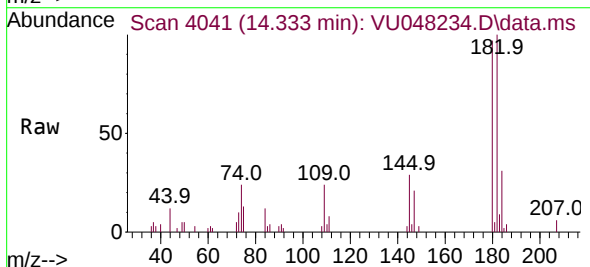
Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 31120
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.2 114.2
 145 28.1 21.8 32.8



#72
 1,2,3-Trichlorobenzene
 Concen: 3.250 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048234.D
 Acq: 22 Apr 2022 18:56



Tgt Ion:180 Resp: 10530
 Ion Ratio Lower Upper
 180 100
 182 99.4 77.4 116.0
 145 28.5 22.8 34.2

