

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048216.D
 Acq On : 22 Apr 2022 11:42
 Operator : SY/MD
 Sample : N2485-16DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:00:33 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)

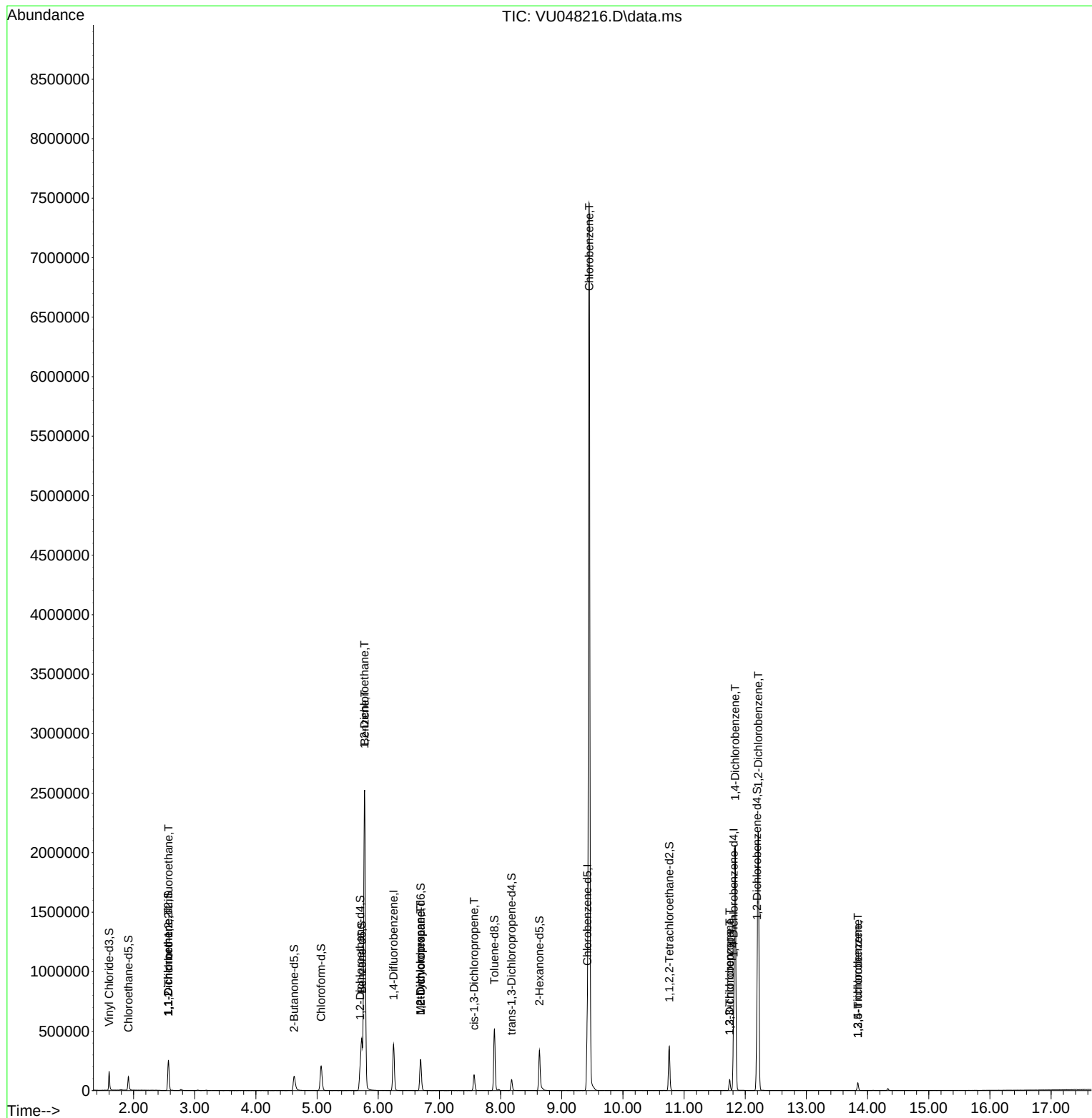
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	330885	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330652	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174604	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120631	50.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.540%
7) Chloroethane-d5	1.915	69	93149	49.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.460%
11) 1,1-Dichloroethene-d2	2.568	63	146715	33.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.840%
21) 2-Butanone-d5	4.623	46	170889	82.976	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.980%
24) Chloroform-d	5.066	84	195705	44.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.703	65	121859	45.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
32) Benzene-d6	5.729	84	411991	49.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.040%
36) 1,2-Dichloropropane-d6	6.693	67	132298	51.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	7.899	98	355949	43.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
43) trans-1,3-Dichloroprop...	8.179	79	55266	42.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.380%
47) 2-Hexanone-d5	8.635	63	114802	76.749	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	189509	43.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	151250	48.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1445	0.592	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1075	0.474	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	19125	5.446	ug/L #	75
33) Benzene	5.777	78	2482624	259.395	ug/L	100
35) Methylcyclohexane	6.690	83	30166	7.902	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	13421	5.516	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2824	0.748	ug/L #	43
51) Chlorobenzene	9.449	112	4183144	586.665	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	10882	3.306	ug/L #	48
64) 1,3-Dichlorobenzene	11.745	146	40096	7.645	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	865860	159.378	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	885509	168.729	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	23164	5.438	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	23164	6.208	ug/L	99

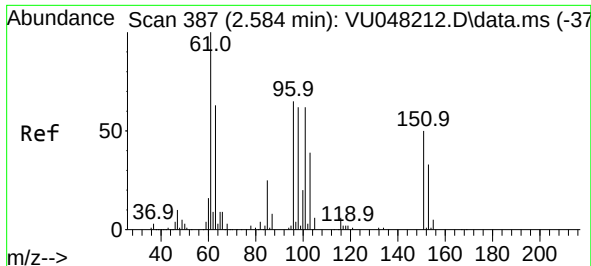
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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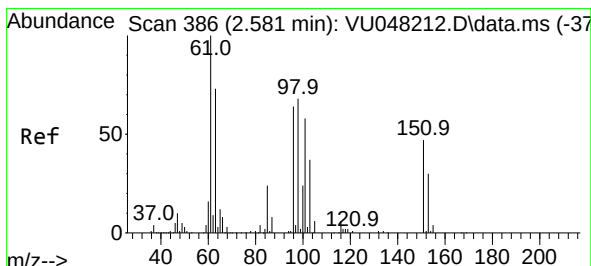
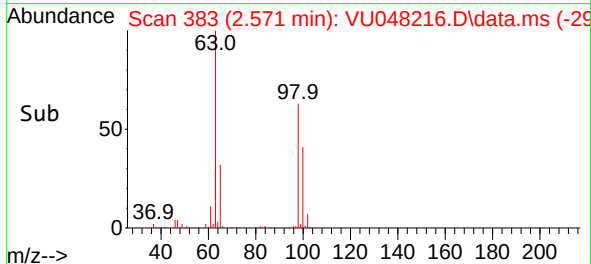
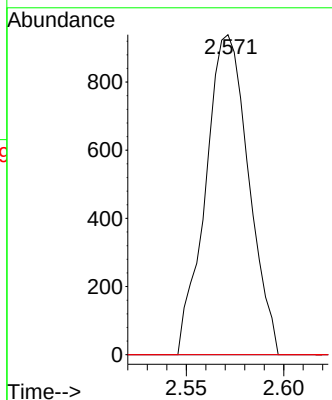
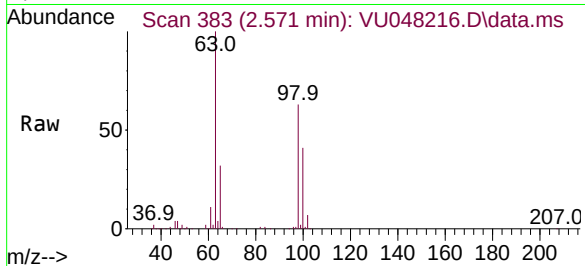




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.592 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048216.D
 Acq: 22 Apr 2022 11:42

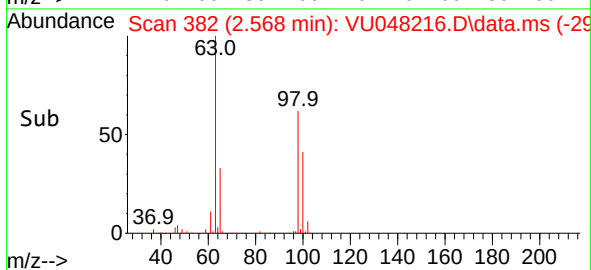
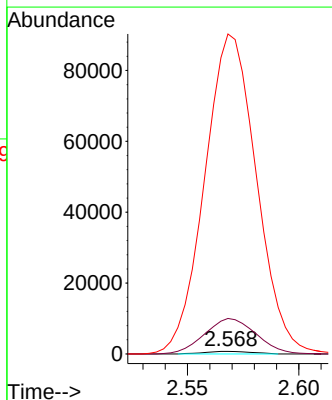
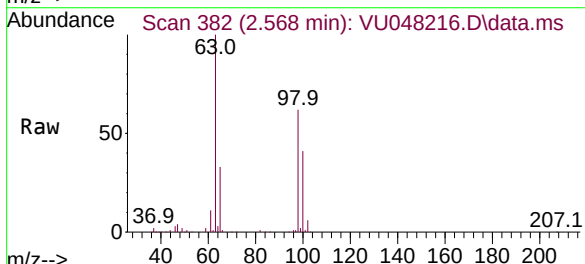
Instrument :
 MSVOA_U
 ClientSampleId :

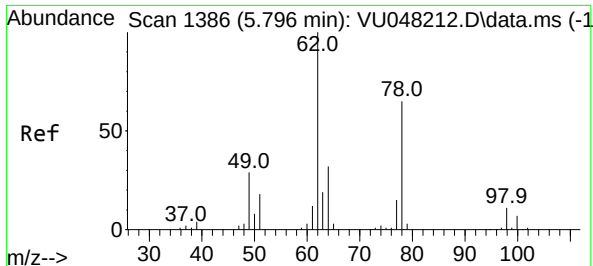
Tgt Ion:101 Resp: 1445
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.474 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048216.D
 Acq: 22 Apr 2022 11:42

Tgt Ion: 96 Resp: 1075
 Ion Ratio Lower Upper
 96 100
 61 1341.7 113.1 210.1#
 63 12106.2 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 5.446 ug/L

RT: 5.774 min Scan# 11

Delta R.T. -0.023 min

Lab File: VU048216.D

Acq: 22 Apr 2022 11:42

Instrument :

MSVOA_U

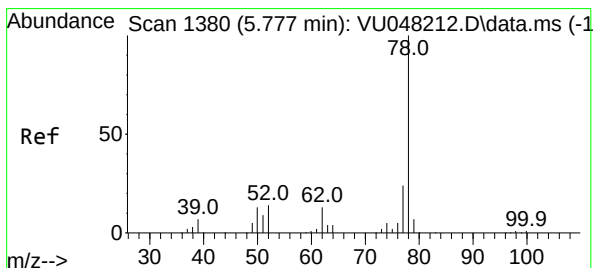
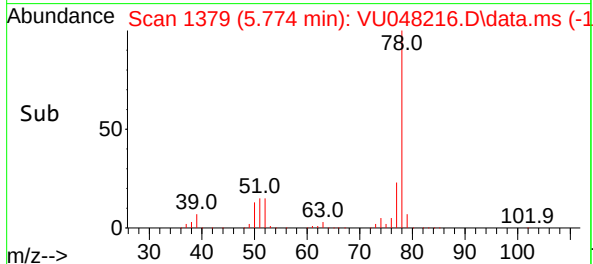
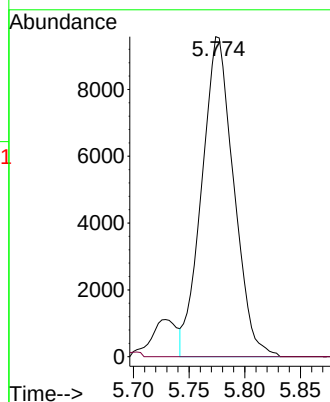
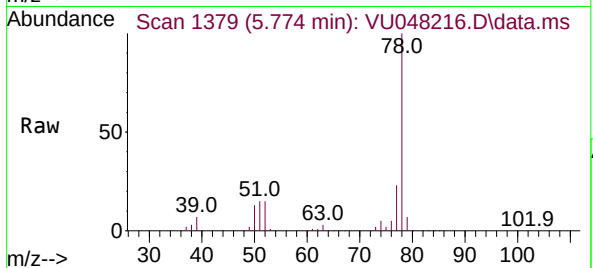
ClientSampleId :

Tgt Ion: 62 Resp: 19125

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 259.395 ug/L

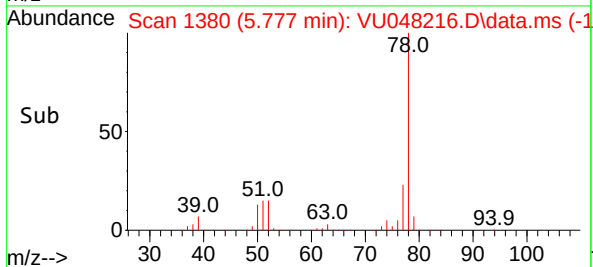
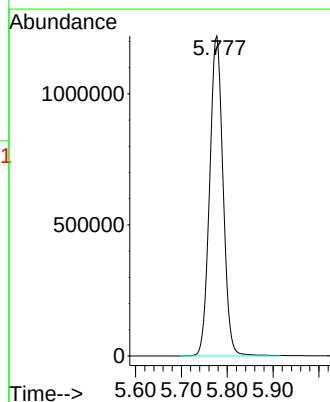
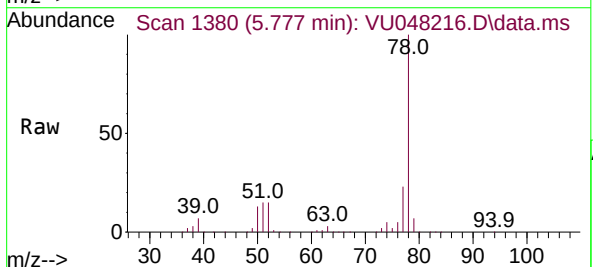
RT: 5.777 min Scan# 1380

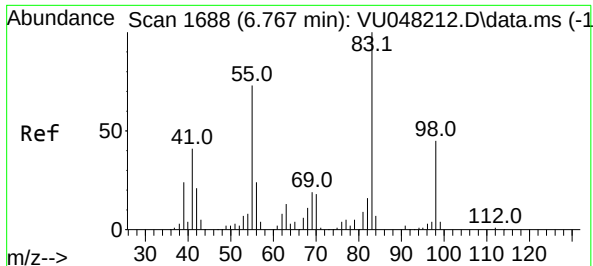
Delta R.T. -0.000 min

Lab File: VU048216.D

Acq: 22 Apr 2022 11:42

Tgt Ion: 78 Resp: 2482624





#35

Methylcyclohexane

Concen: 7.902 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU048216.D

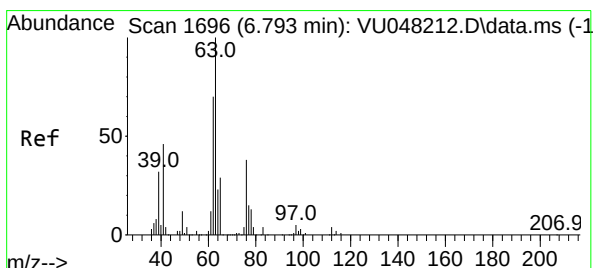
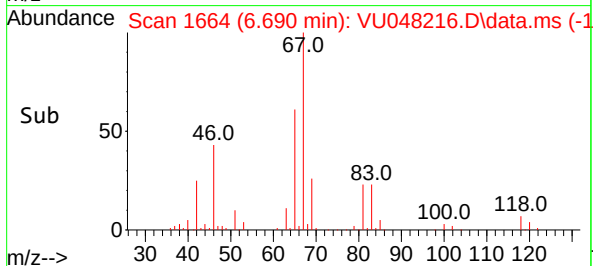
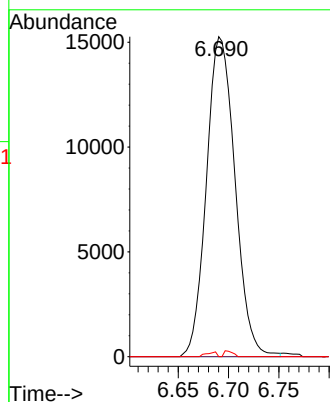
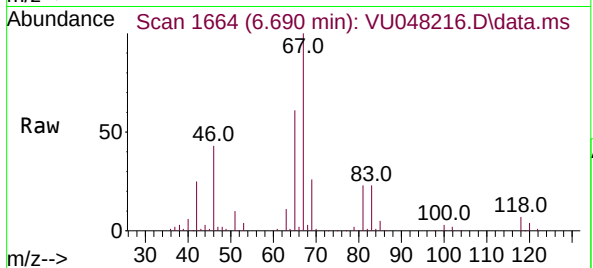
Acq: 22 Apr 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 30166
Ion Ratio	Lower Upper
83 100	
55 0.0	56.8 85.2#
98 0.5	38.1 57.1#



#37

1,2-Dichloropropane

Concen: 5.516 ug/L

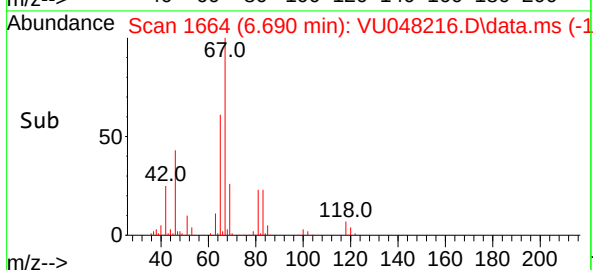
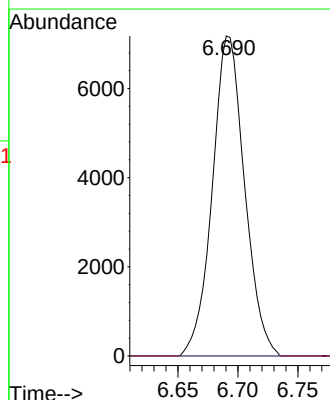
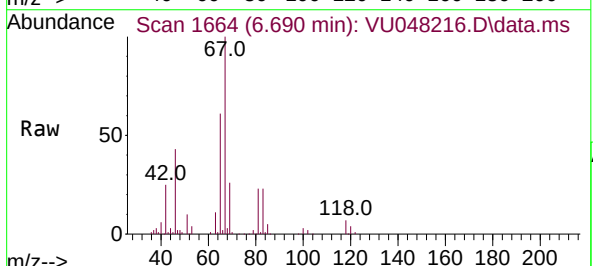
RT: 6.690 min Scan# 1664

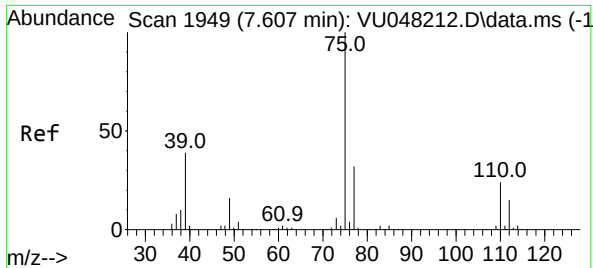
Delta R.T. -0.103 min

Lab File: VU048216.D

Acq: 22 Apr 2022 11:42

Tgt Ion: 63	Resp: 13421
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048216.D

Acq: 22 Apr 2022 11:42

Instrument :

MSVOA_U

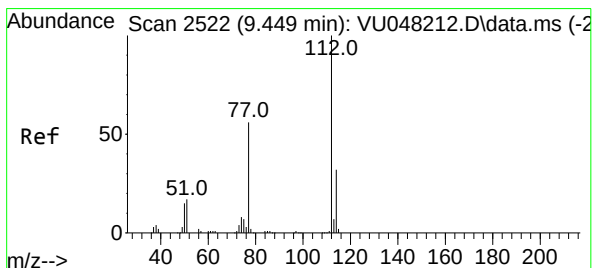
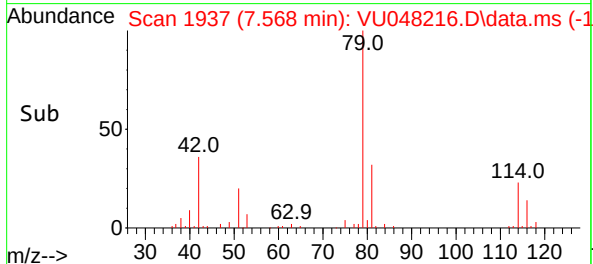
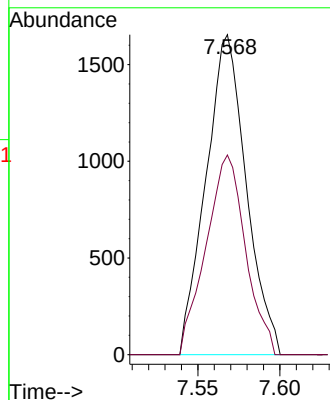
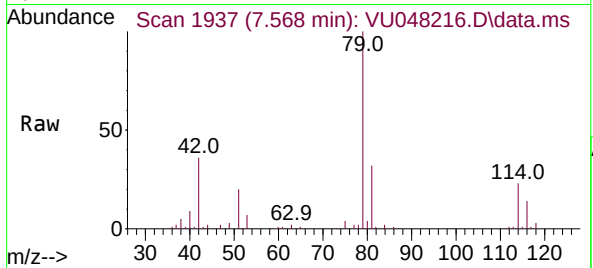
ClientSampleId :

Tgt Ion: 75 Resp: 2824

Ion Ratio Lower Upper

75 100

77 62.4 21.8 40.6#



#51

Chlorobenzene

Concen: 586.665 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048216.D

Acq: 22 Apr 2022 11:42

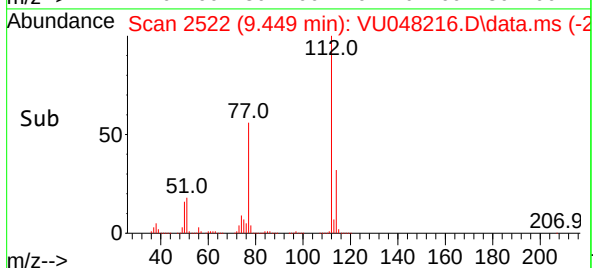
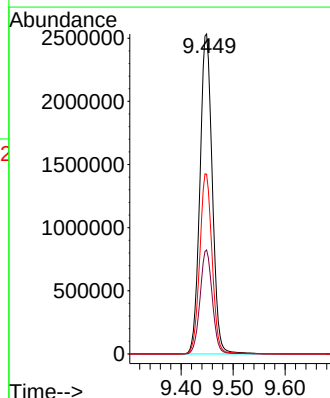
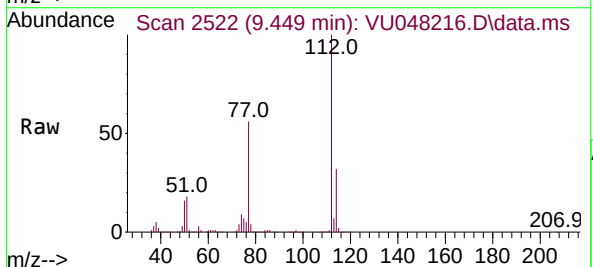
Tgt Ion: 112 Resp: 4183144

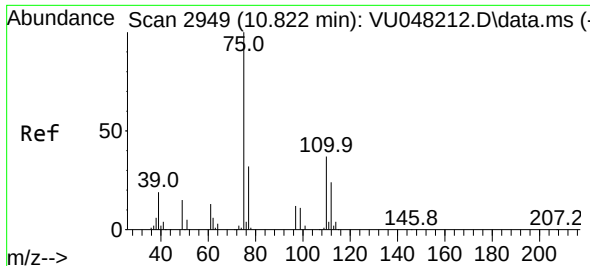
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 56.1 43.4 65.0

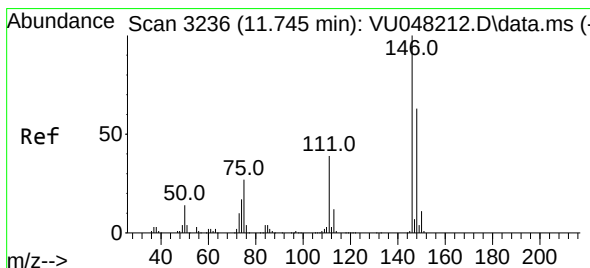
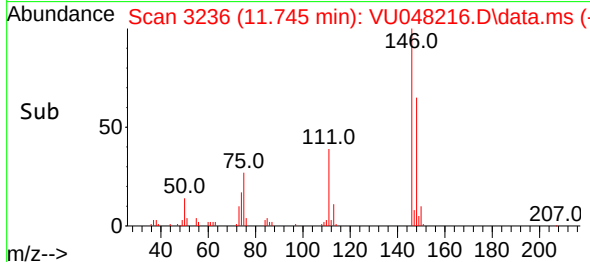
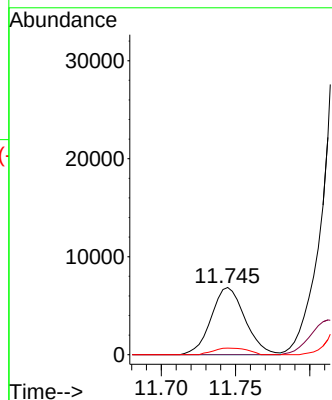
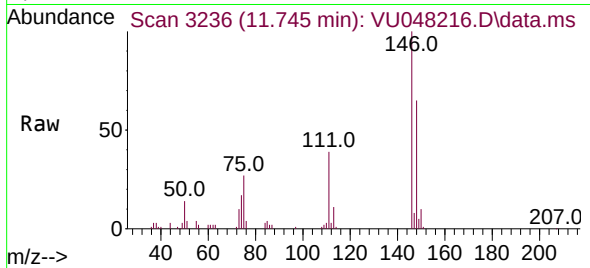




#60
1,2,3-Trichloropropane
Concen: 3.306 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.923 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42

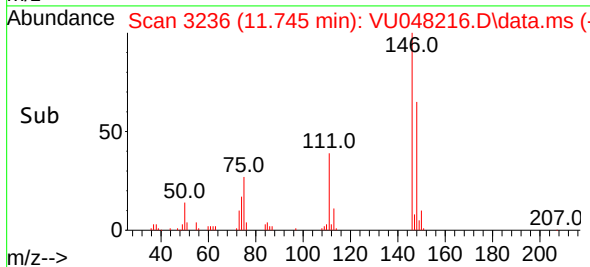
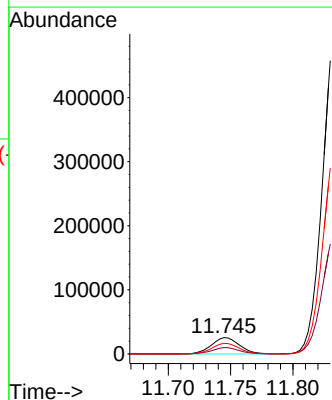
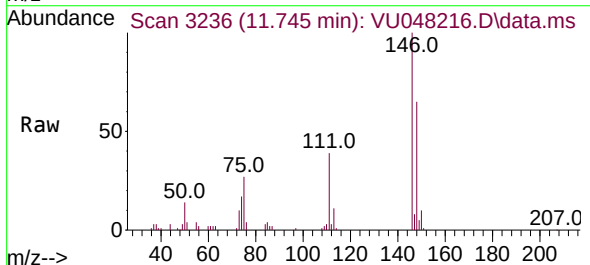
Instrument :
MSVOA_U
ClientSampleId :

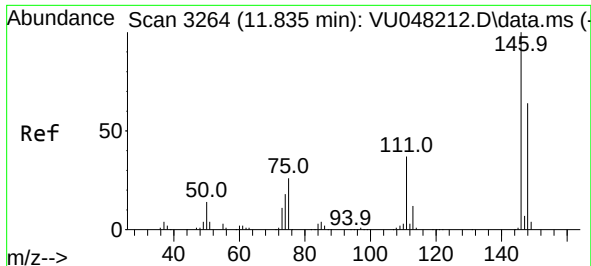
Tgt Ion: 75 Resp: 10882
Ion Ratio Lower Upper
75 100
77 1.0 26.0 39.0#
110 9.8 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 7.645 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42

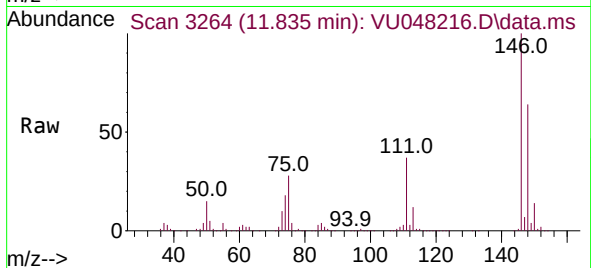
Tgt Ion:146 Resp: 40096
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 64.7 44.4 82.5



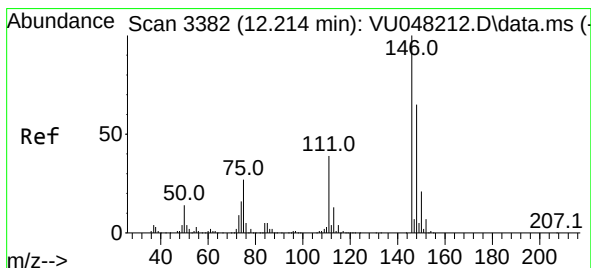
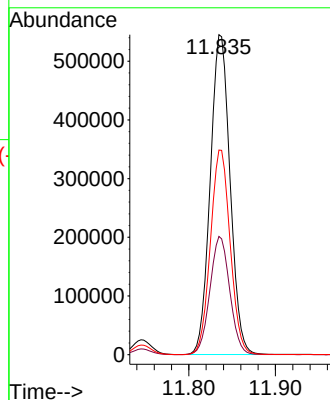
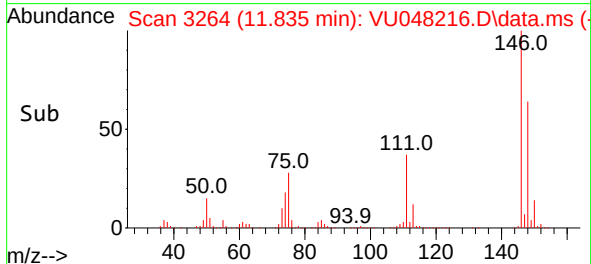


#65
1,4-Dichlorobenzene
Concen: 159.378 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42

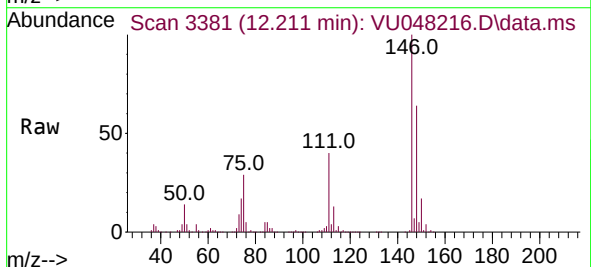
Instrument :
MSVOA_U
ClientSampleId :



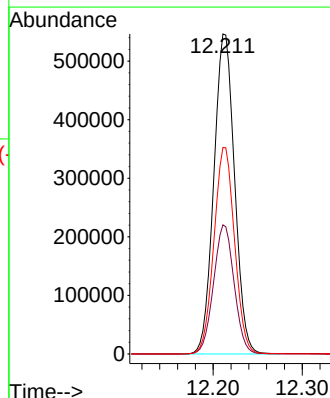
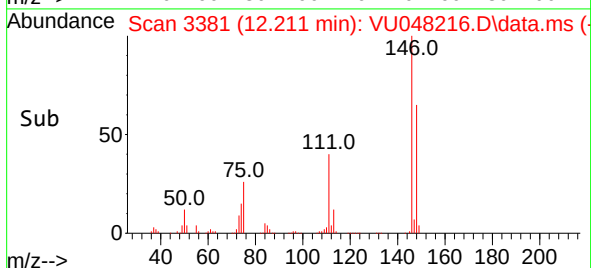
Tgt Ion:146 Resp: 865860
Ion Ratio Lower Upper
146 100
111 36.9 25.3 47.1
148 64.0 44.5 82.7

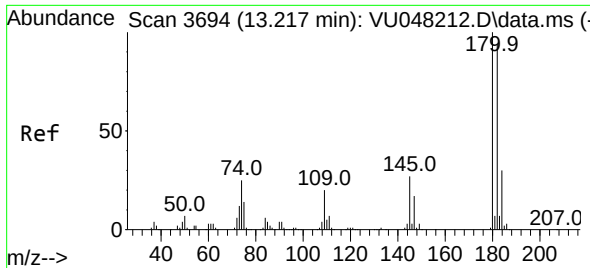


#67
1,2-Dichlorobenzene
Concen: 168.729 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048216.D
Acq: 22 Apr 2022 11:42



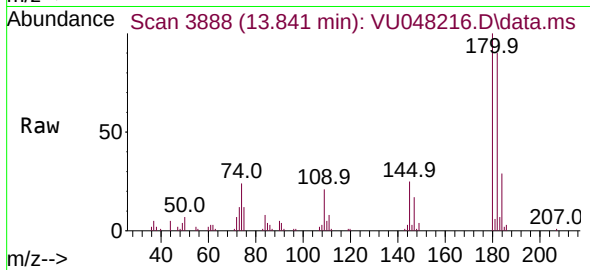
Tgt Ion:146 Resp: 885509
Ion Ratio Lower Upper
146 100
111 40.4 31.7 47.5
148 64.5 51.4 77.2



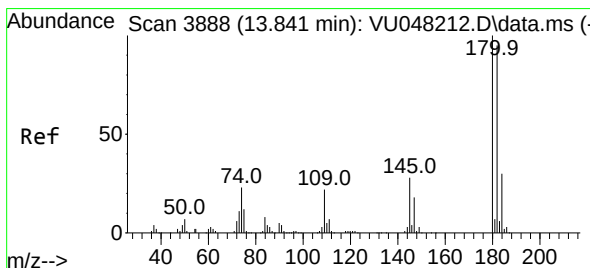
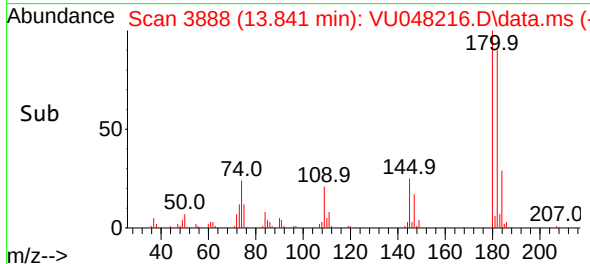
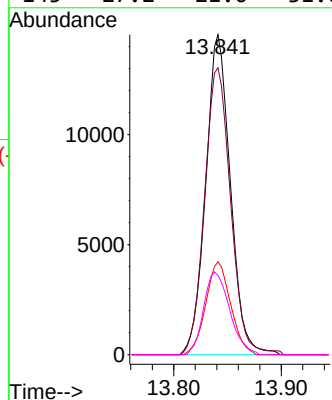


#69
 1,3,5-Trichlorobenzene
 Concen: 5.438 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.624 min
 Lab File: VU048216.D
 Acq: 22 Apr 2022 11:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 23164
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.0 115.6
 184 29.3 24.5 36.7
 145 27.2 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 6.208 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048216.D
 Acq: 22 Apr 2022 11:42

Tgt Ion:180 Resp: 23164
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.2 114.2
 145 27.2 21.8 32.8

