

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047751.D
 Acq On : 29 Mar 2022 16:03
 Operator : SY/MD
 Sample : N2120-05DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

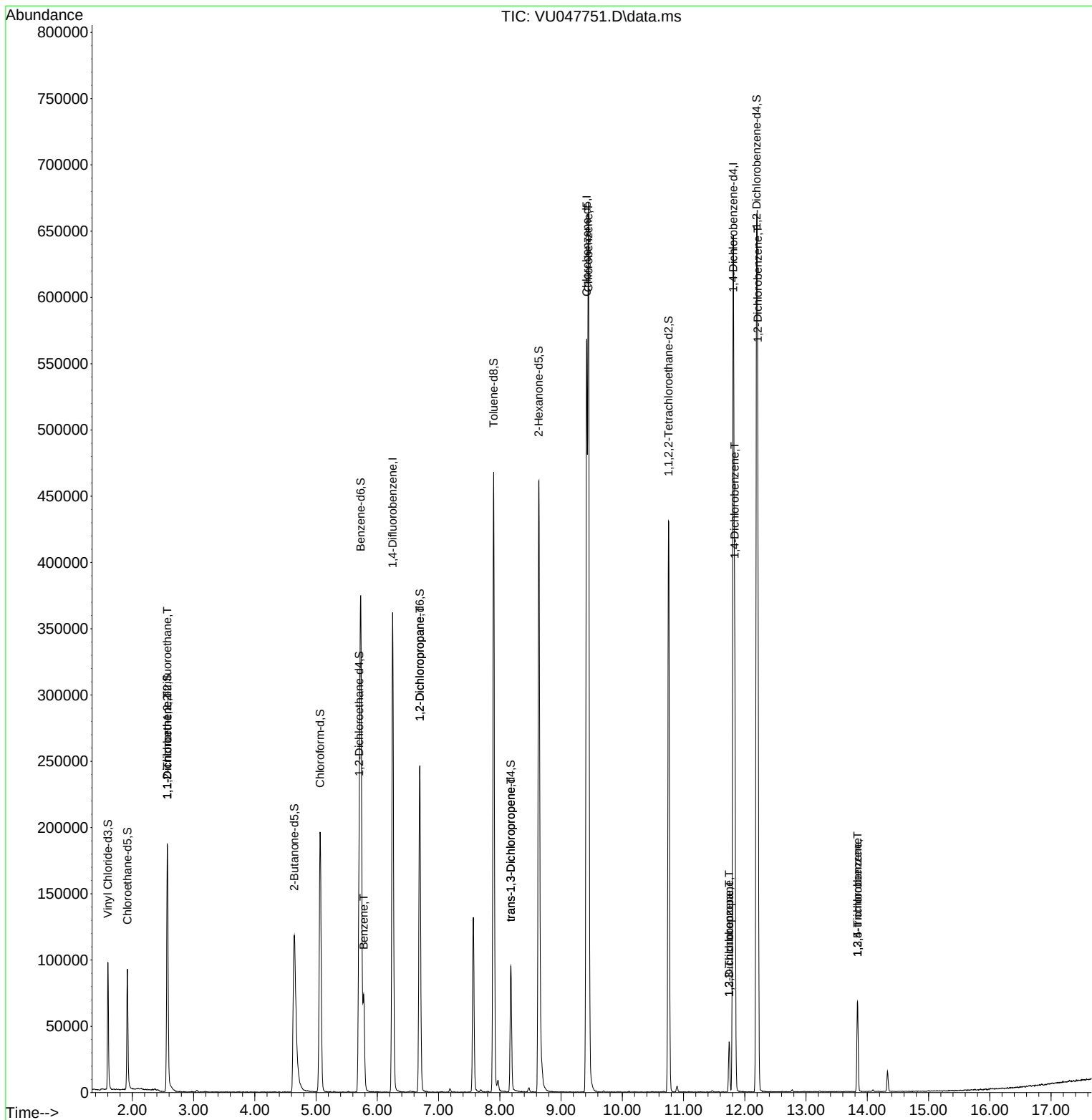
Quant Time: Mar 30 01:23:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

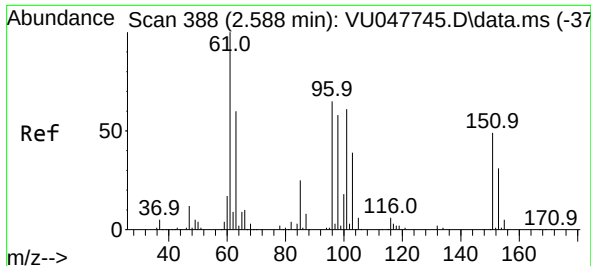
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	306264	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	321576	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175568	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	71342	32.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.240%
7) Chloroethane-d5	1.919	69	68999	39.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.571	63	108988	26.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.640%#
21) 2-Butanone-d5	4.645	46	246405	129.261	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.260%
24) Chloroform-d	5.067	84	182082	44.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.620%
26) 1,2-Dichloroethane-d4	5.703	65	122238	49.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
32) Benzene-d6	5.729	84	347119	42.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.694	67	118449	47.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	7.899	98	310428	39.376	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.760%#
43) trans-1,3-Dichloroprop...	8.179	79	53513	42.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.020%
47) 2-Hexanone-d5	8.636	63	173215	119.069	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.070%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	213401	50.038	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	12.192	152	151511	48.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.020%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1086	0.481	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	962	0.458	ug/L #	1
33) Benzene	5.777	78	69298	7.445	ug/L	100
37) 1,2-Dichloropropane	6.694	63	12469	5.269	ug/L #	87
44) trans-1,3-Dichloropropene	8.179	75	2461	0.671	ug/L #	79
51) Chlorobenzene	9.446	112	366188	52.805	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	4433	1.339	ug/L #	48
64) 1,3-Dichlorobenzene	11.745	146	16290	3.089	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	131443	24.062	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	171355	32.472	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	23023	5.375	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	23023	6.137	ug/L	99

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

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QLast Update : Wed Mar 30 01:20:49 2022
Response via : Initial Calibration





#10

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

Concen: 0.481 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047751.D

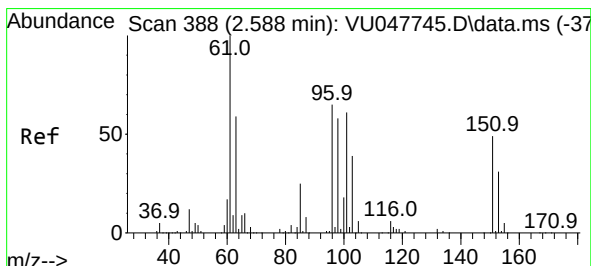
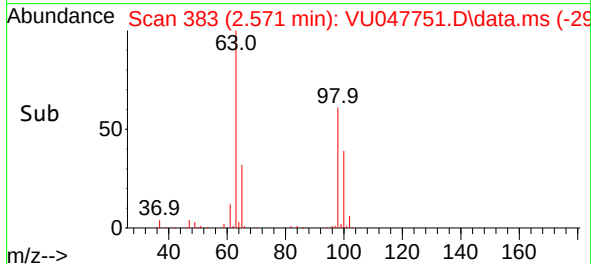
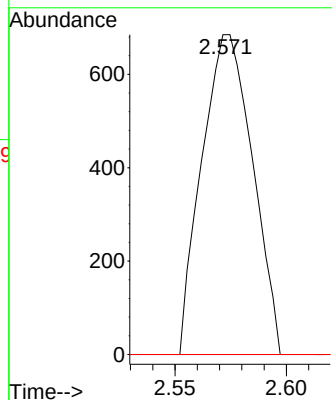
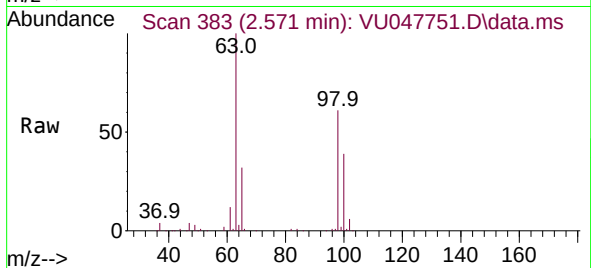
Acq: 29 Mar 2022 16:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1086
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: 0.458 ug/L

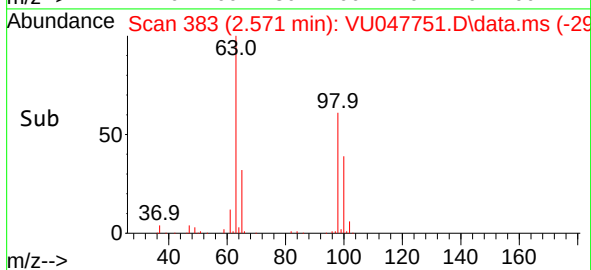
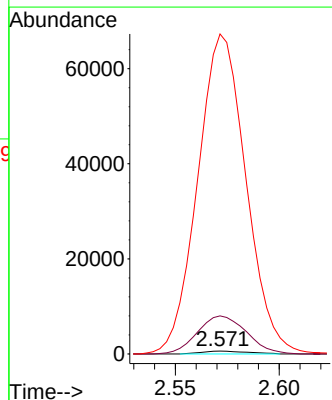
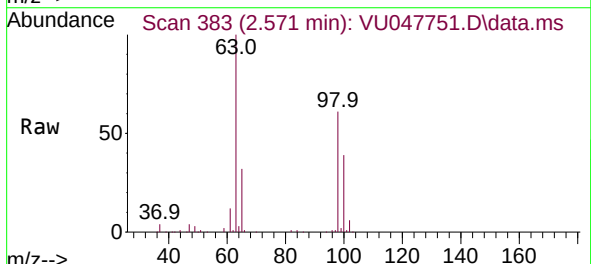
RT: 2.571 min Scan# 383

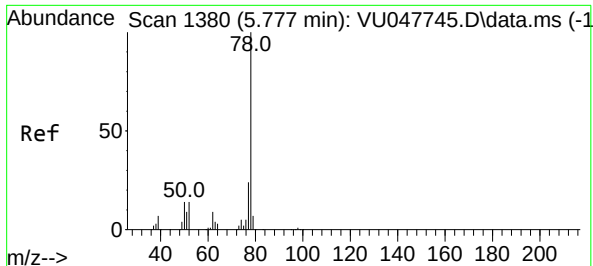
Delta R.T. -0.016 min

Lab File: VU047751.D

Acq: 29 Mar 2022 16:03

Tgt Ion: 96	Resp:	962
Ion Ratio	Lower	Upper
96	100	
61	1286.4	113.1 210.1#
63	10784.6	94.8 176.0#

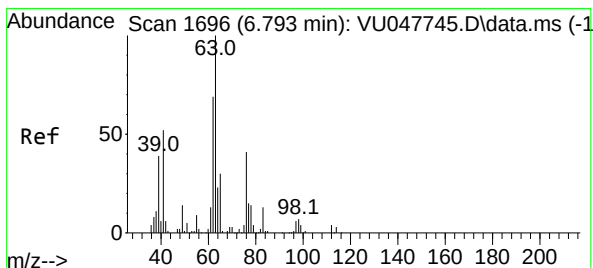
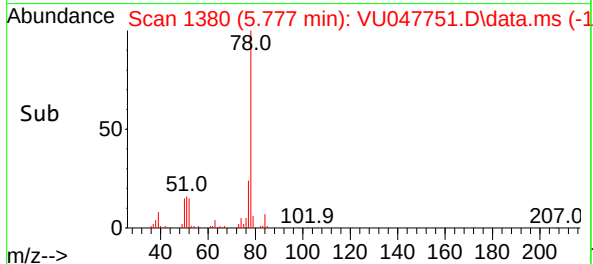
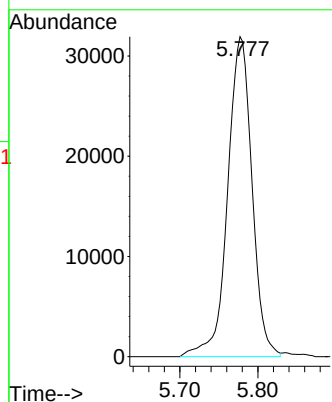
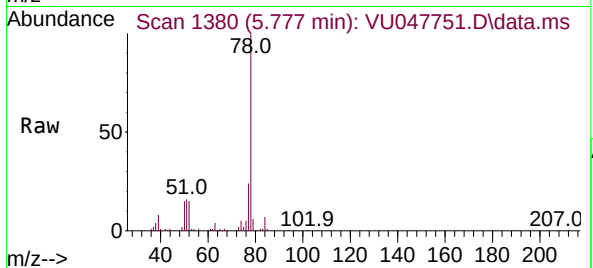




#33
Benzene
Concen: 7.445 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047751.D
Acq: 29 Mar 2022 16:03

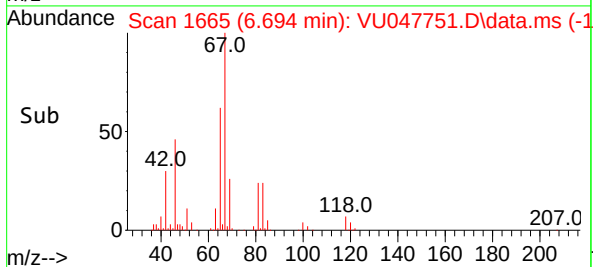
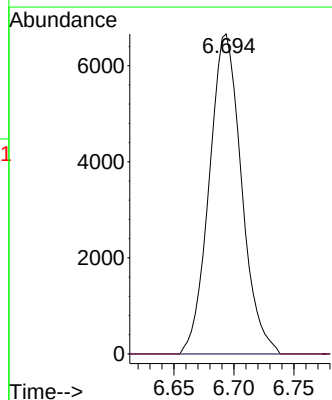
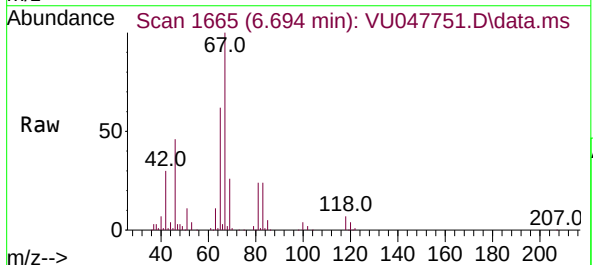
Instrument :
MSVOA_U
ClientSampleId :

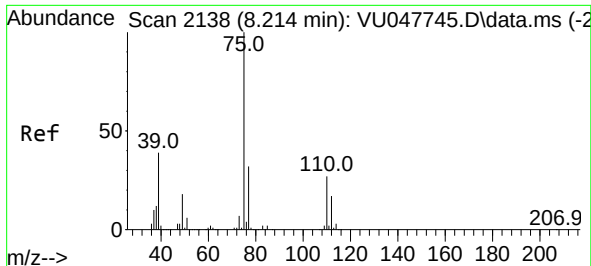
Tgt Ion: 78 Resp: 69298



#37
1,2-Dichloropropane
Concen: 5.269 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047751.D
Acq: 29 Mar 2022 16:03

Tgt Ion: 63 Resp: 12469
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

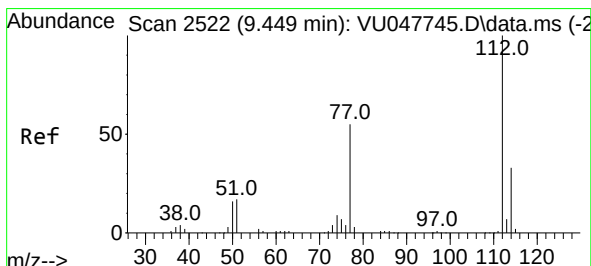
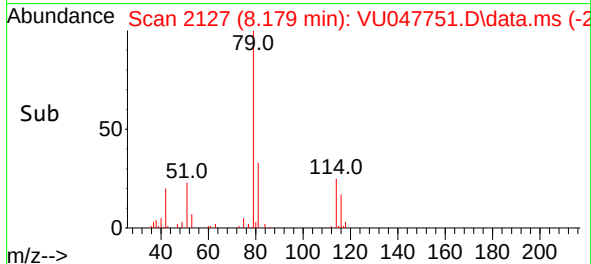
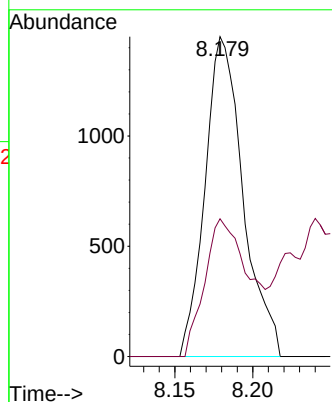
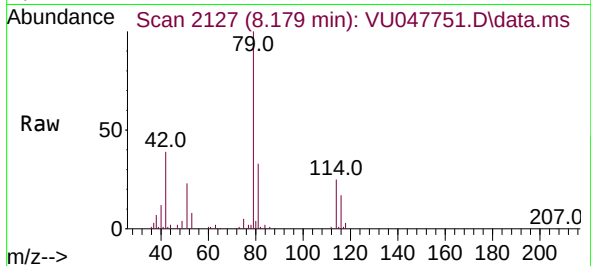




#44
trans-1,3-Dichloropropene
Concen: 0.671 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU047751.D
Acq: 29 Mar 2022 16:03

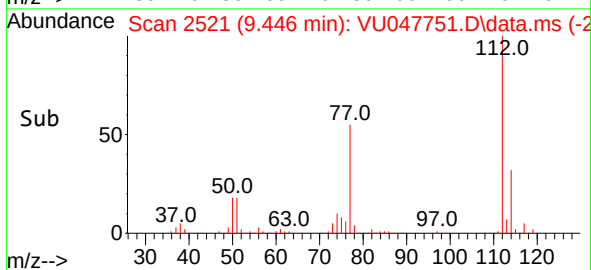
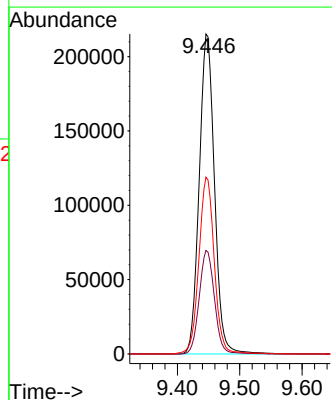
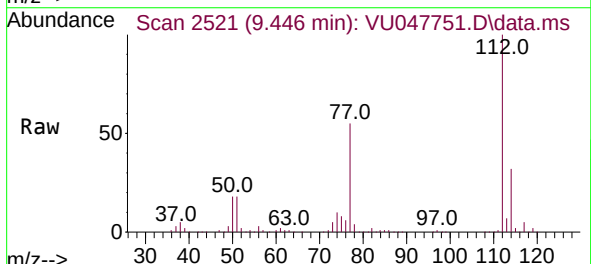
Instrument :
MSVOA_U
ClientSampleId :

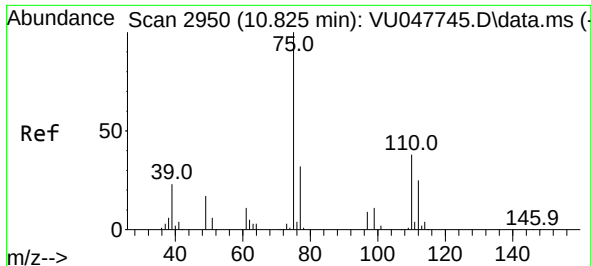
Tgt Ion: 75 Resp: 2461
Ion Ratio Lower Upper
75 100
77 43.1 22.0 40.8#



#51
Chlorobenzene
Concen: 52.805 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047751.D
Acq: 29 Mar 2022 16:03

Tgt Ion: 112 Resp: 366188
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 55.3 43.4 65.0

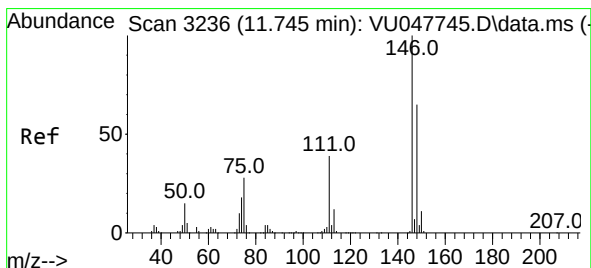
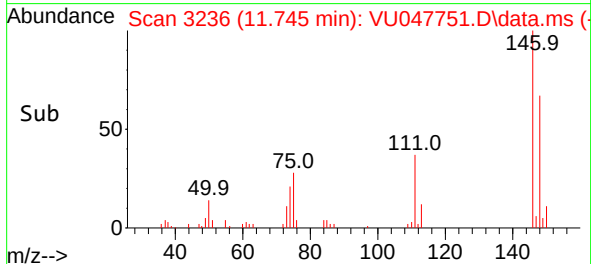
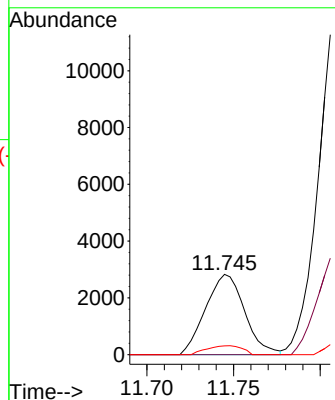
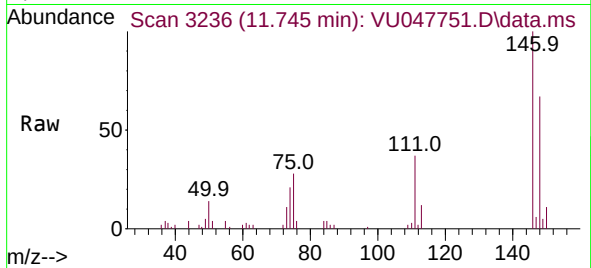




#60
 1,2,3-Trichloropropane
 Concen: 1.339 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.920 min
 Lab File: VU047751.D
 Acq: 29 Mar 2022 16:03

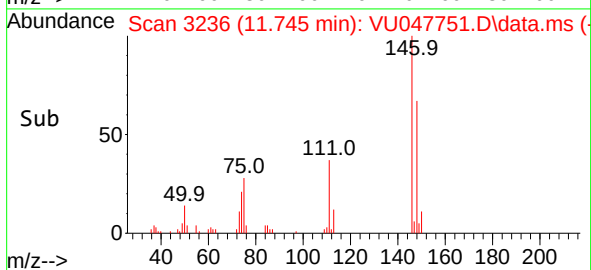
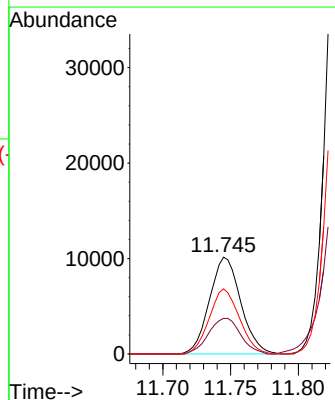
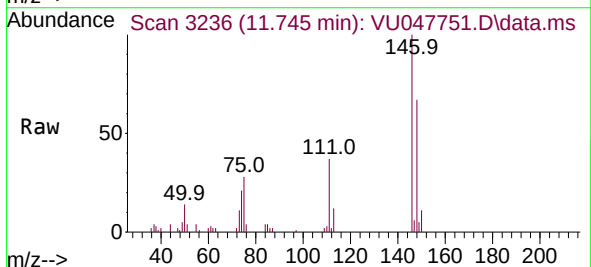
Instrument :
 MSVOA_U
 ClientSampleId :

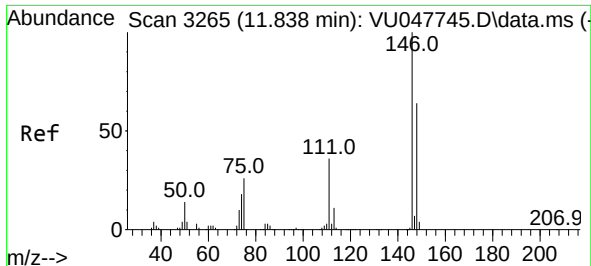
Tgt Ion: 75 Resp: 4433
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#
 110 10.1 31.4 47.2#



#64
 1,3-Dichlorobenzene
 Concen: 3.089 ug/L
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.000 min
 Lab File: VU047751.D
 Acq: 29 Mar 2022 16:03

Tgt Ion: 146 Resp: 16290
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.7 49.7
 148 67.2 44.4 82.5

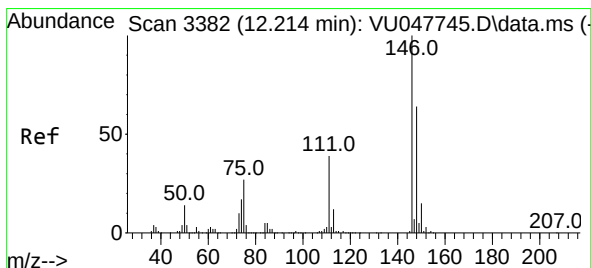
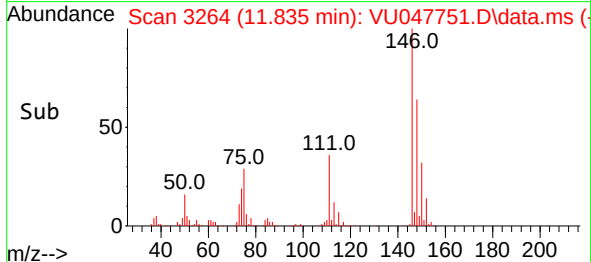
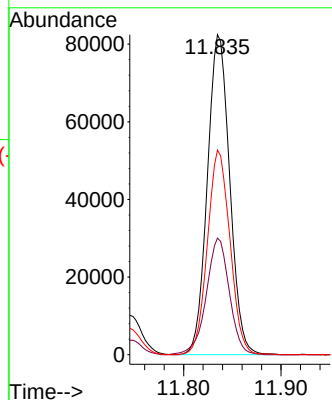
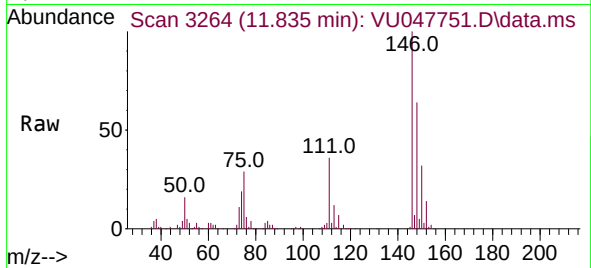




#65
1,4-Dichlorobenzene
Concen: 24.062 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047751.D
Acq: 29 Mar 2022 16:03

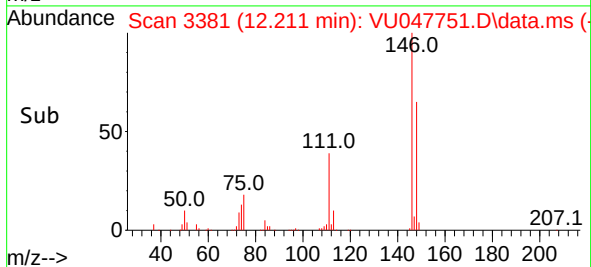
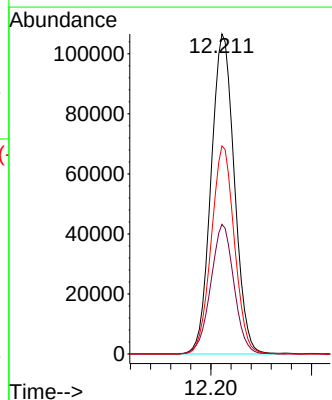
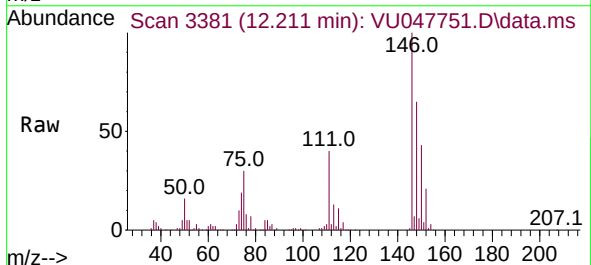
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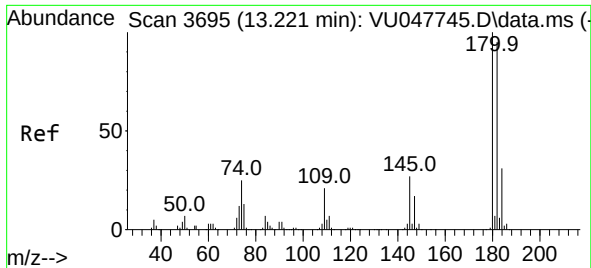
Tgt Ion:146 Resp: 131443
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 63.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 32.472 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047751.D
Acq: 29 Mar 2022 16:03

Tgt Ion:146 Resp: 171355
Ion Ratio Lower Upper
146 100
111 40.5 31.7 47.5
148 65.0 51.4 77.2

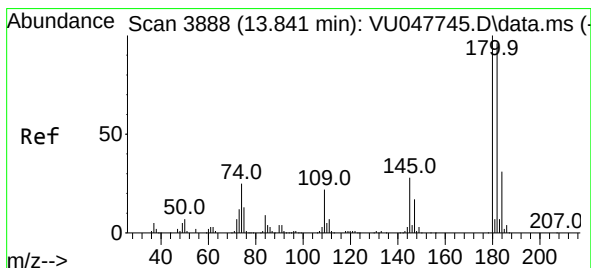
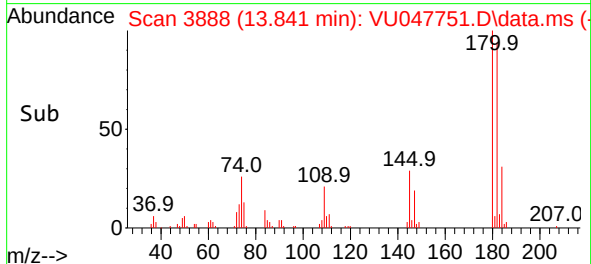
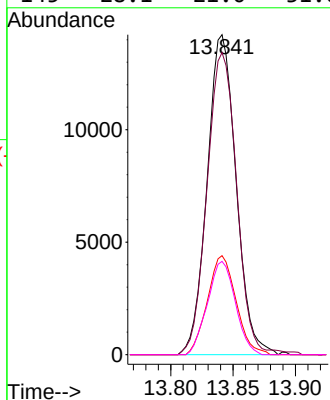
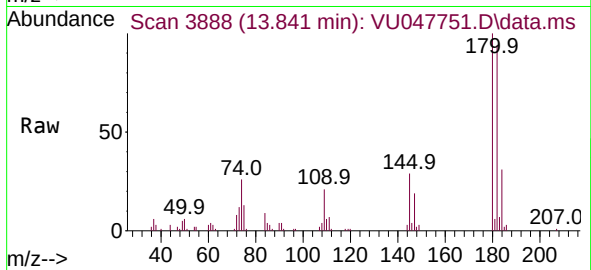




#69
 1,3,5-Trichlorobenzene
 Concen: 5.375 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU047751.D
 Acq: 29 Mar 2022 16:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180	Resp:	23023
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.0 115.6
184	30.5	24.5 36.7
145	28.1	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 6.137 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047751.D
 Acq: 29 Mar 2022 16:03

Tgt Ion:180	Resp:	23023
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.2 114.2
145	28.1	21.8 32.8

