

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048230.D
 Acq On : 22 Apr 2022 17:20
 Operator : SY/MD
 Sample : N2486-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J36

Quant Time: Apr 22 22:03:46 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)

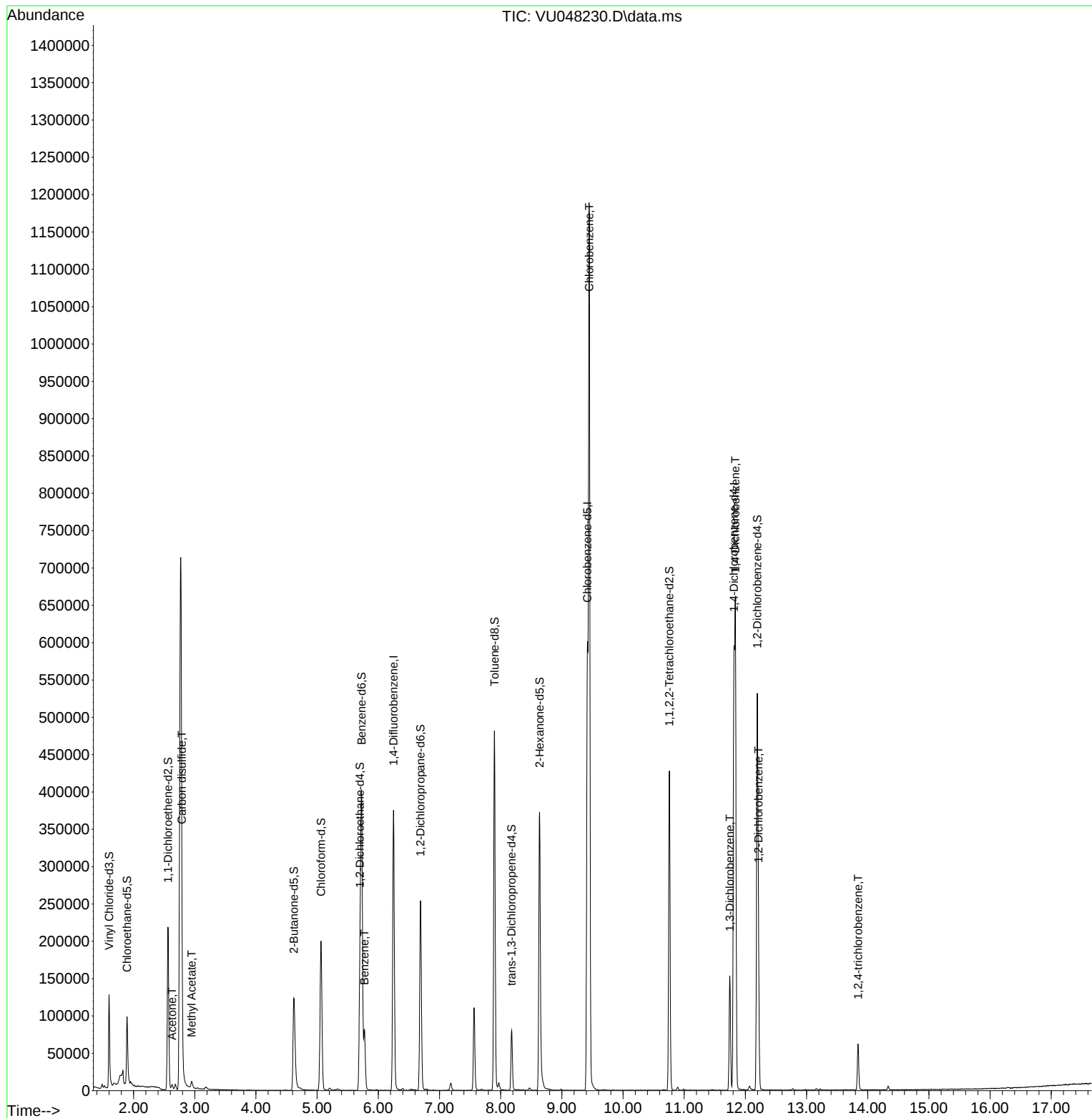
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317033	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	155735	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97978	42.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.240%
7) Chloroethane-d5	1.893	69	77432	42.715	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.420%
11) 1,1-Dichloroethene-d2	2.562	63	129179	30.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.420%
21) 2-Butanone-d5	4.620	46	180719	91.583	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.580%
24) Chloroform-d	5.063	84	191152	45.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	5.700	65	117908	45.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
32) Benzene-d6	5.726	84	385434	46.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
36) 1,2-Dichloropropane-d6	6.690	67	123474	48.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.440%
41) Toluene-d8	7.899	98	320952	39.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.020%#
43) trans-1,3-Dichloroprop...	8.179	79	43437	33.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.960%
47) 2-Hexanone-d5	8.636	63	123356	82.289	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.290%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215568	49.052	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	140586	50.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.480%
Target Compounds						
					Qvalue	
13) Acetone	2.629	43	6847	3.729	ug/L	97
14) Carbon disulfide	2.790	76	4084	0.594	ug/L #	93
15) Methyl Acetate	2.948	43	11159	3.811	ug/L	93
33) Benzene	5.774	78	77294	8.059	ug/L	100
51) Chlorobenzene	9.446	112	657619	92.028	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	67076	14.338	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	261813	54.031	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70908	15.148	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	21144	6.354	ug/L	98

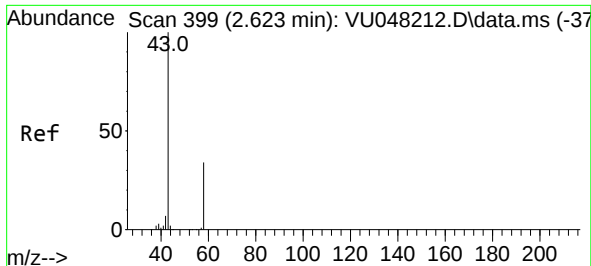
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration





#13

Acetone

Concen: 3.729 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048230.D

Acq: 22 Apr 2022 17:20

Instrument :

MSVOA_U

ClientSampleId :

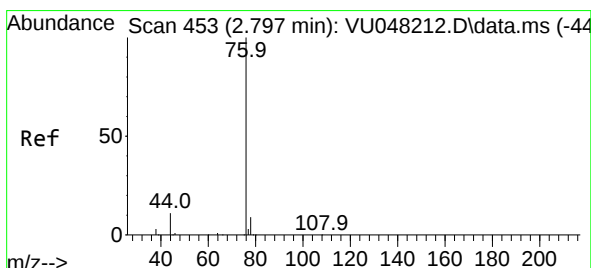
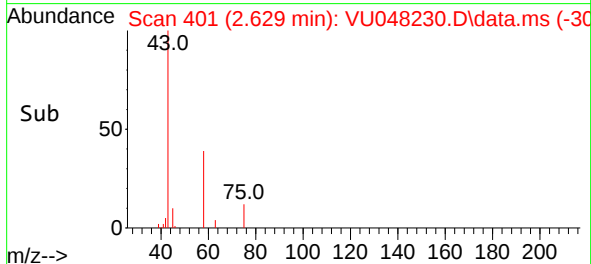
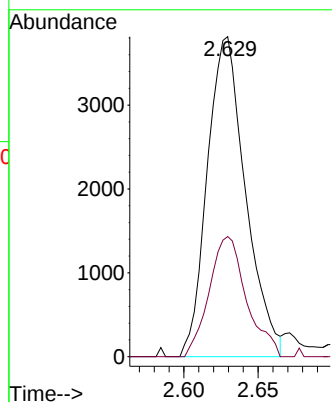
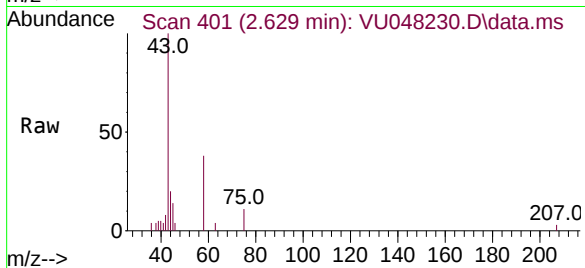
C0J36

Tgt Ion: 43 Resp: 6847

Ion Ratio Lower Upper

43 100

58 36.5 0.0 70.0



#14

Carbon disulfide

Concen: 0.594 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.006 min

Lab File: VU048230.D

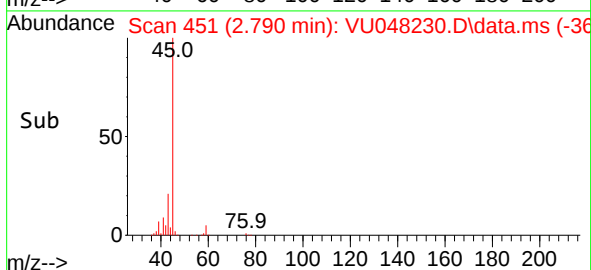
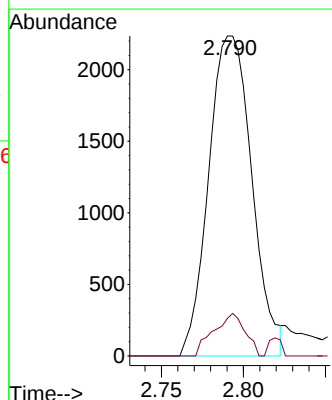
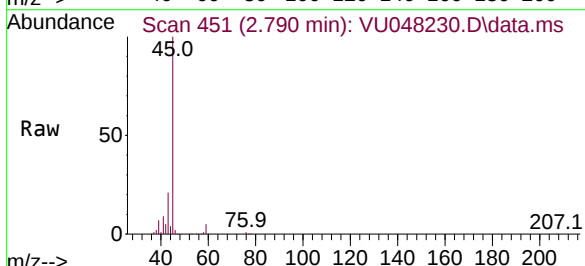
Acq: 22 Apr 2022 17:20

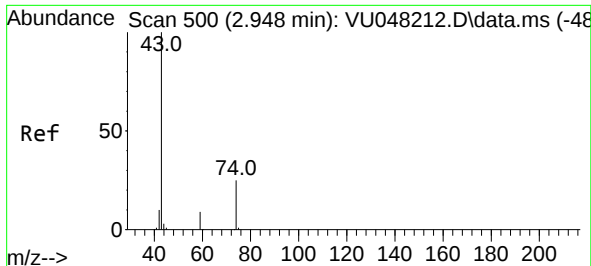
Tgt Ion: 76 Resp: 4084

Ion Ratio Lower Upper

76 100

78 11.8 7.4 11.0#

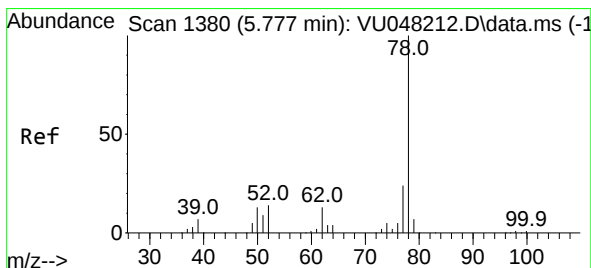
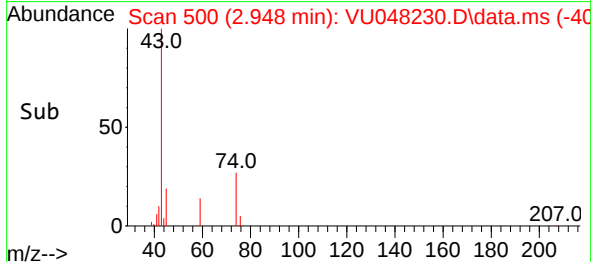
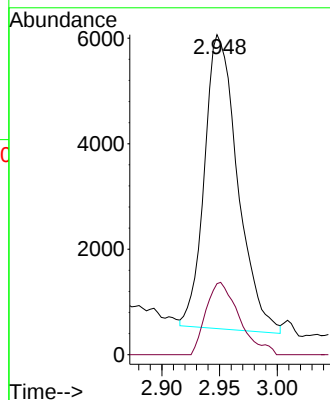
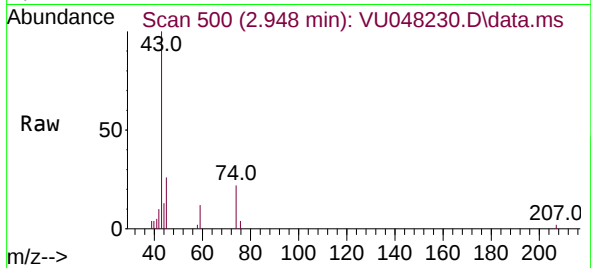




#15
Methyl Acetate
Concen: 3.811 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

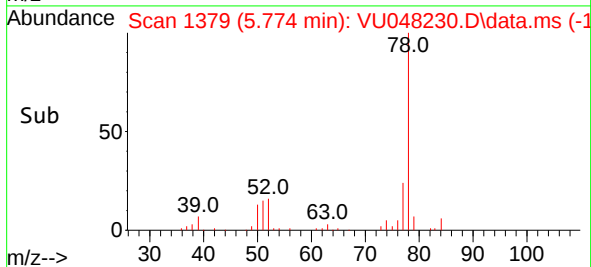
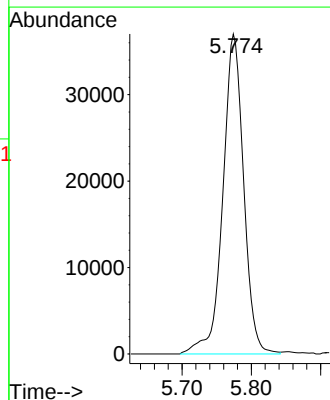
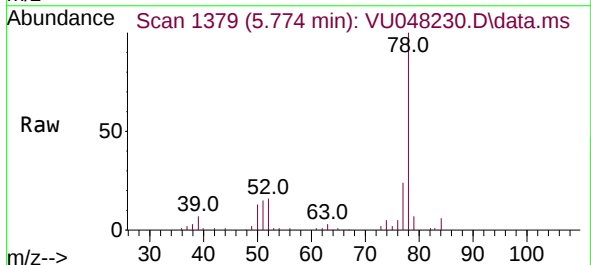
Instrument :
MSVOA_U
ClientSampleId :
C0J36

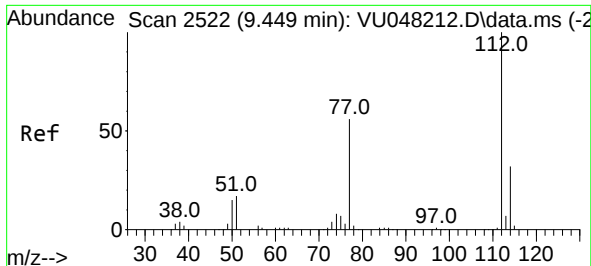
Tgt Ion: 43 Resp: 11159
Ion Ratio Lower Upper
43 100
74 23.9 22.2 33.2



#33
Benzene
Concen: 8.059 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

Tgt Ion: 78 Resp: 77294

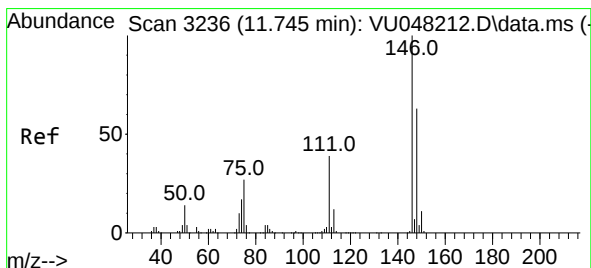
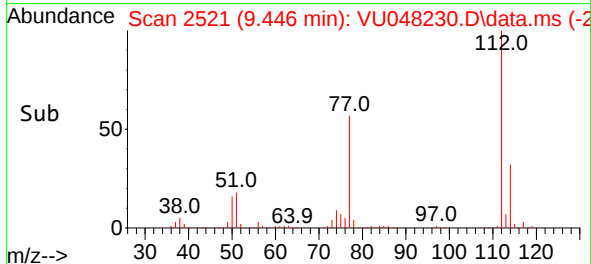
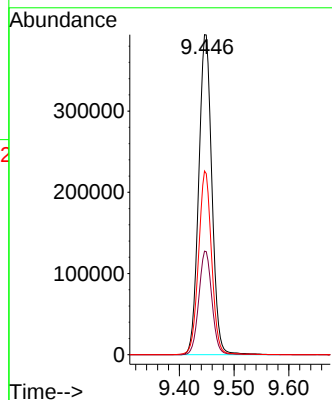
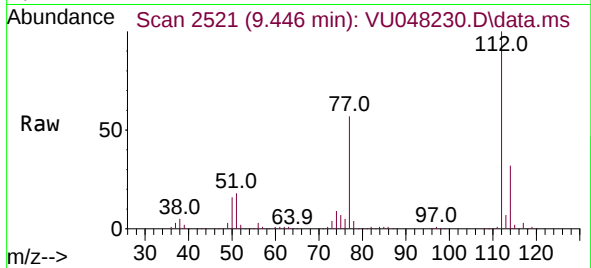




#51
Chlorobenzene
Concen: 92.028 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

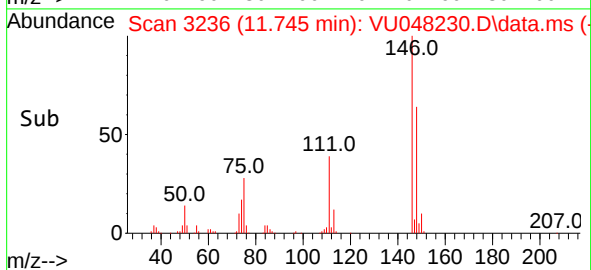
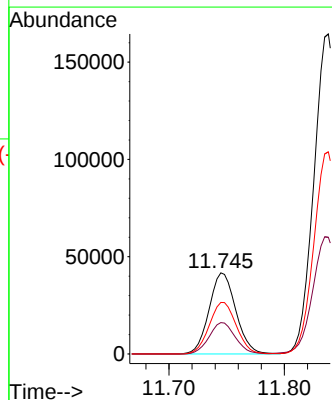
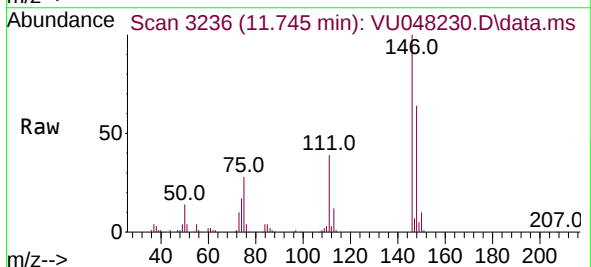
Instrument :
MSVOA_U
ClientSampleId :
C0J36

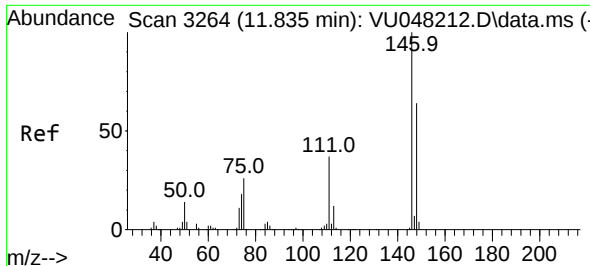
Tgt Ion:112 Resp: 657619
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 57.4 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 14.338 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

Tgt Ion:146 Resp: 67076
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 63.6 44.4 82.5

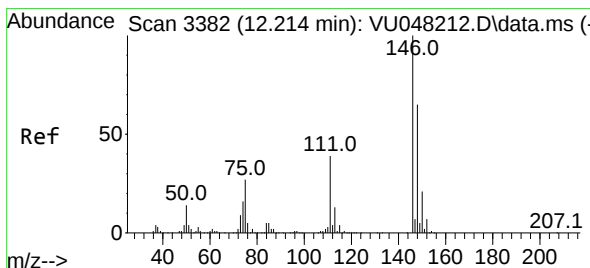
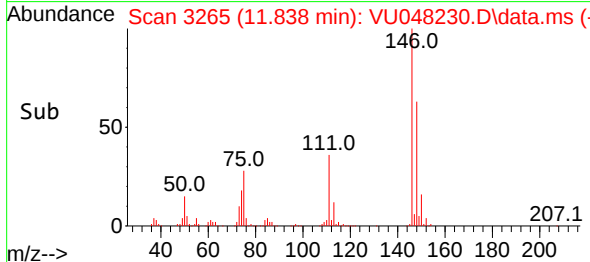
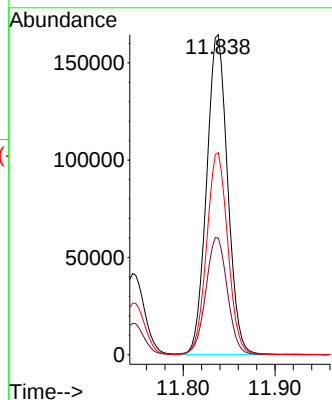
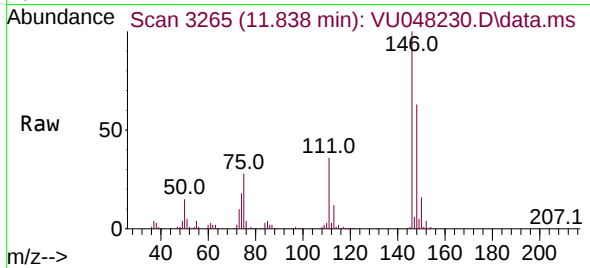




#65
1,4-Dichlorobenzene
Concen: 54.031 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

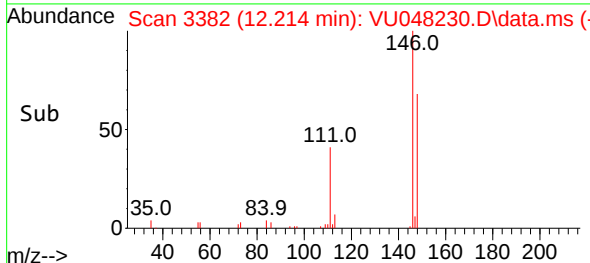
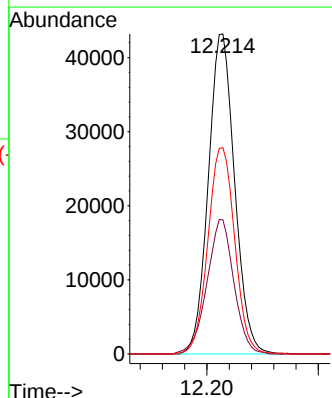
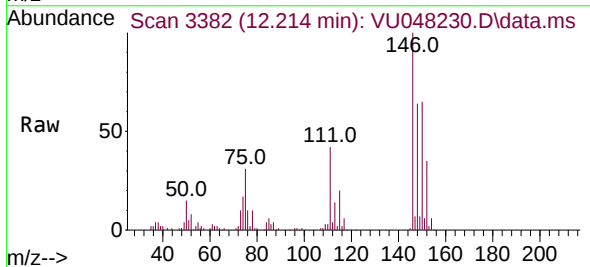
Instrument :
MSVOA_U
ClientSampleId :
C0J36

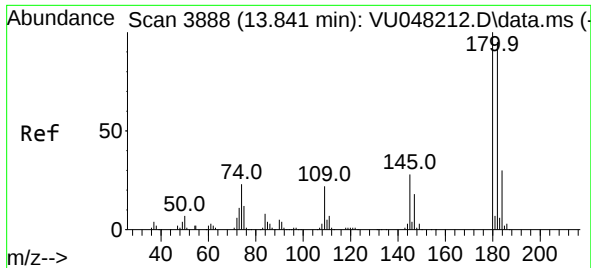
Tgt Ion:146 Resp: 261813
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 63.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 15.148 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048230.D
Acq: 22 Apr 2022 17:20

Tgt Ion:146 Resp: 70908
Ion Ratio Lower Upper
146 100
111 41.9 31.7 47.5
148 64.5 51.4 77.2





#70

1,2,4-trichlorobenzene

Concen: 6.354 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048230.D

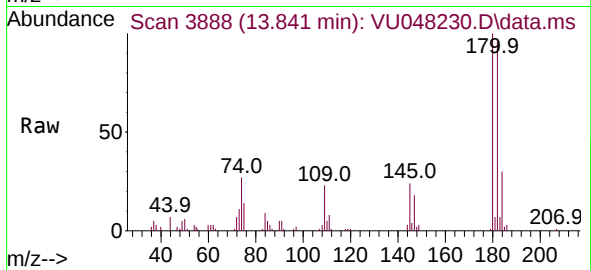
Acq: 22 Apr 2022 17:20

Instrument :

MSVOA_U

ClientSampleId :

C0J36



Tgt Ion:180 Resp: 21144

Ion Ratio Lower Upper

180 100

182 98.1 76.2 114.2

145 27.1 21.8 32.8

