

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048191.D
 Acq On : 21 Apr 2022 22:54
 Operator : SY/MD
 Sample : N2485-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J15

Quant Time: Apr 22 06:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

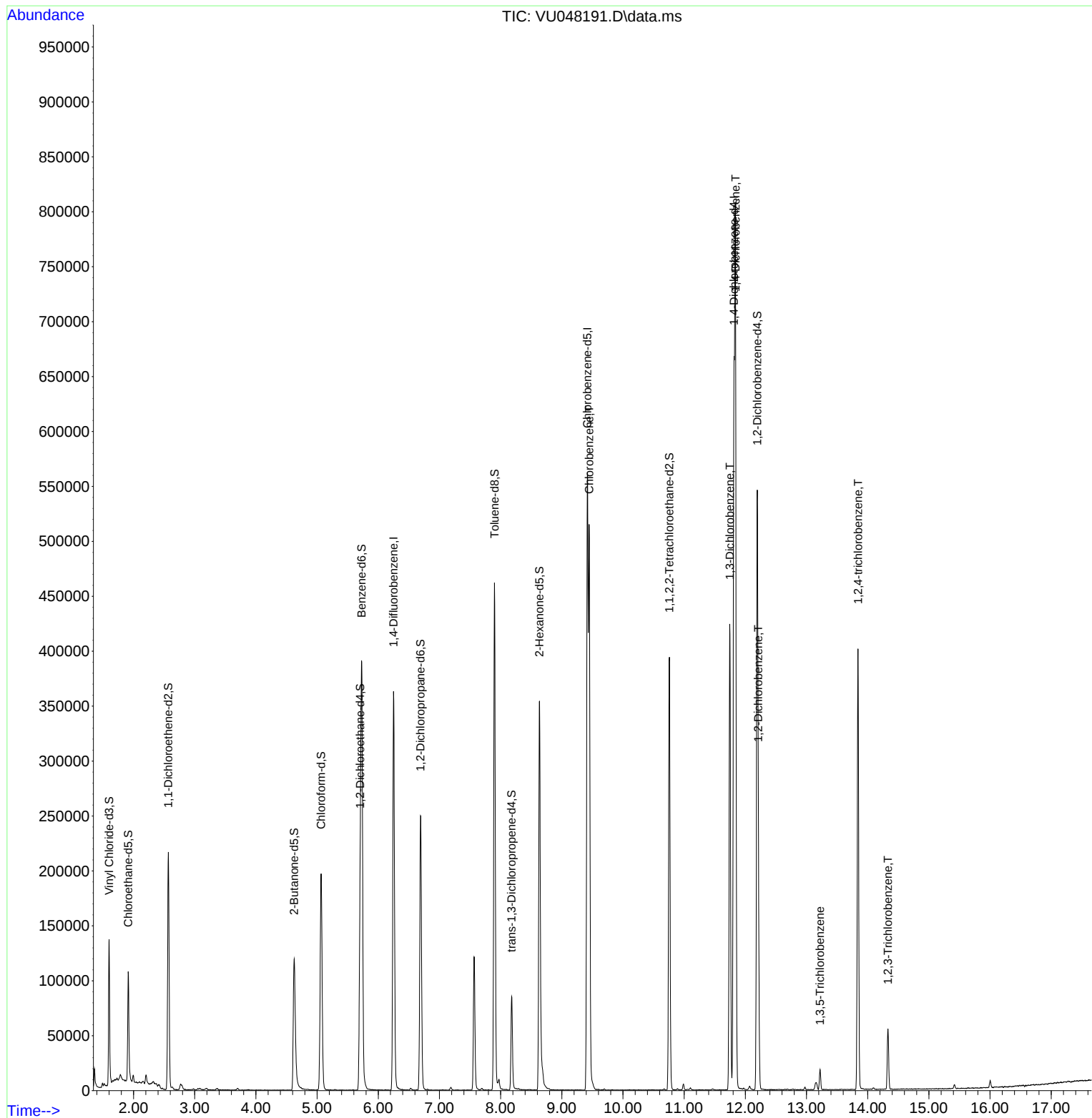
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	309424	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	333265	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	172193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91876	40.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.900%
7) Chloroethane-d5	1.913	69	79740	45.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.569	63	126433	30.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.600%
21) 2-Butanone-d5	4.623	46	173948	90.319	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.320%
24) Chloroform-d	5.067	84	189321	46.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.220%
26) 1,2-Dichloroethane-d4	5.703	65	118132	46.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
32) Benzene-d6	5.729	84	375097	44.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
36) 1,2-Dichloropropane-d6	6.691	67	126148	48.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	7.899	98	317892	38.908	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.820%#
43) trans-1,3-Dichloroprop...	8.179	79	49557	37.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.960%
47) 2-Hexanone-d5	8.633	63	118381	78.521	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197499	44.685	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.380%
66) 1,2-Dichlorobenzene-d4	12.195	152	147717	48.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.449	112	281984	39.237	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	186408	36.038	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	320330	59.789	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	62326	12.042	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	6506	1.549	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	133097	36.172	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	19478	5.280	ug/L	99

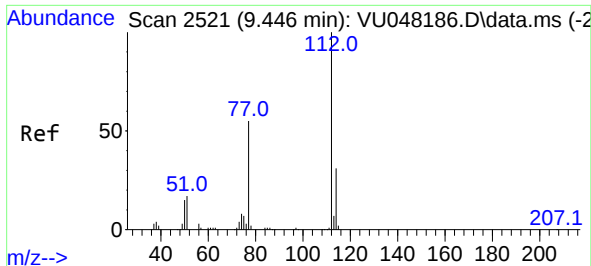
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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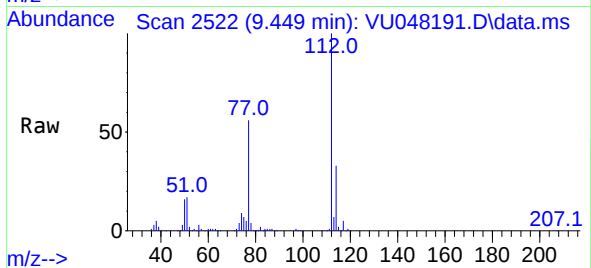
Quant Time: Apr 22 06:36:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 02:51:38 2022
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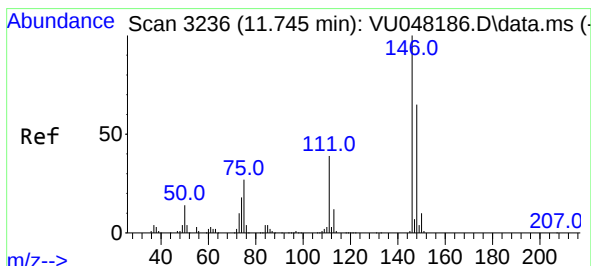
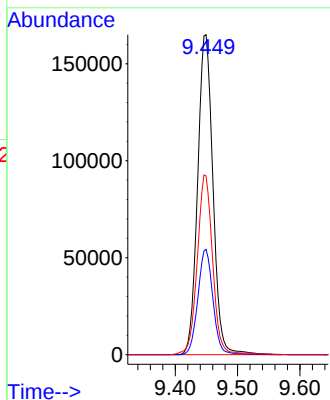
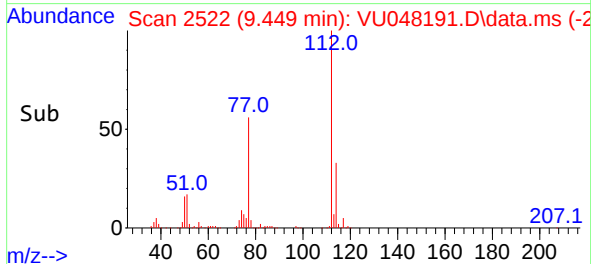


#51
Chlorobenzene
Concen: 39.237 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

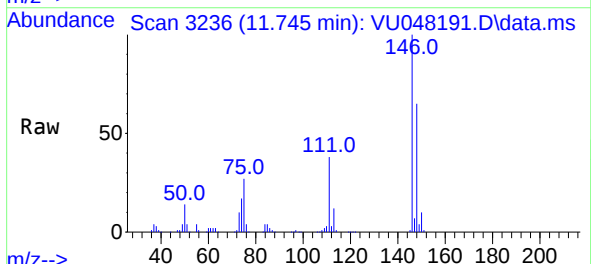
Instrument :
MSVOA_U
ClientSampleId :
C0J15



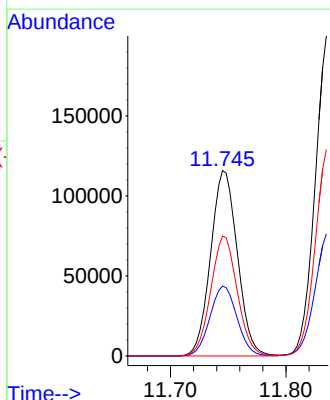
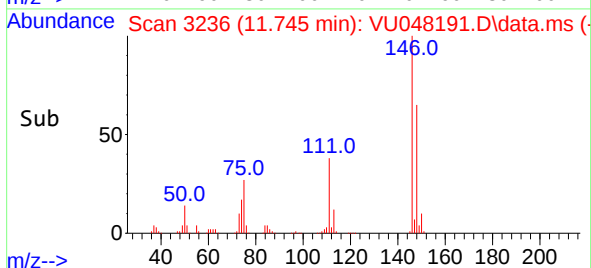
Tgt Ion:112 Resp: 281984
Ion Ratio Lower Upper
112 100
114 32.9 22.1 41.1
77 55.8 43.4 65.0

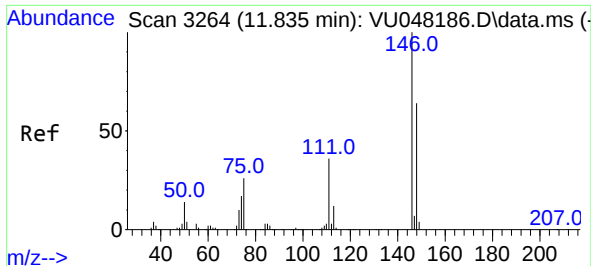


#64
1,3-Dichlorobenzene
Concen: 36.038 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54



Tgt Ion:146 Resp: 186408
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 64.6 44.4 82.5

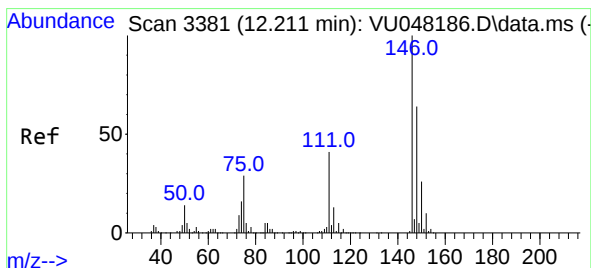
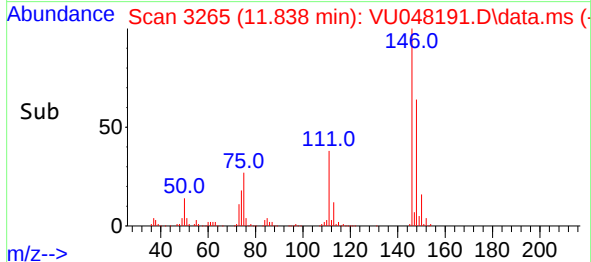
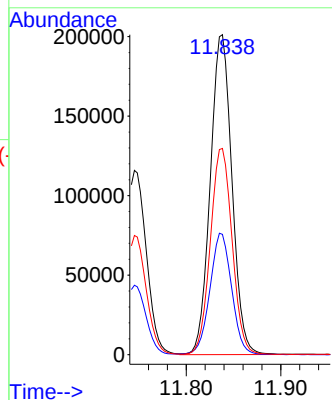
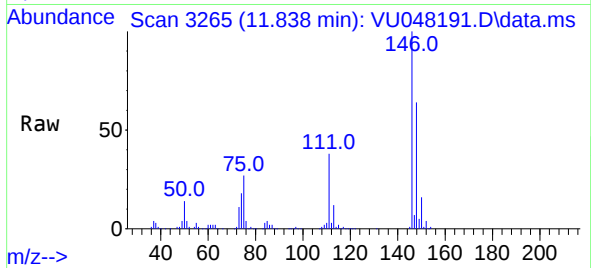




#65
1,4-Dichlorobenzene
Concen: 59.789 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

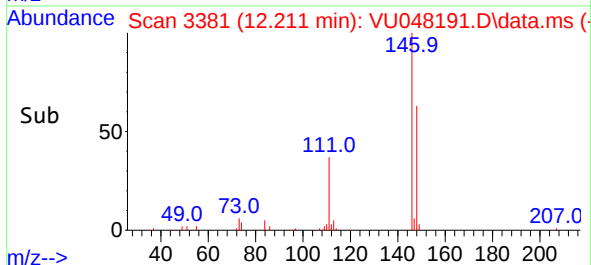
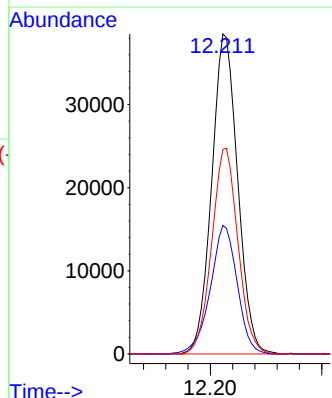
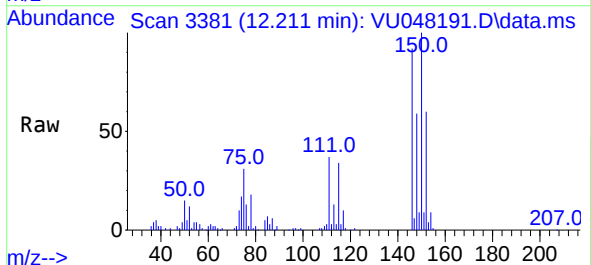
Instrument :
MSVOA_U
ClientSampleId :
C0J15

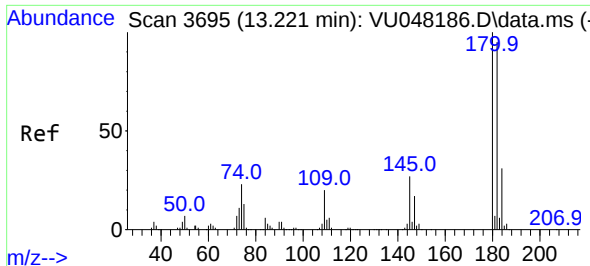
Tgt Ion:146 Resp: 320330
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 64.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 12.042 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

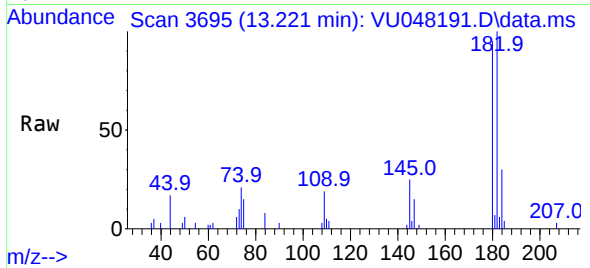
Tgt Ion:146 Resp: 62326
Ion Ratio Lower Upper
146 100
111 40.2 31.7 47.5
148 63.9 51.4 77.2





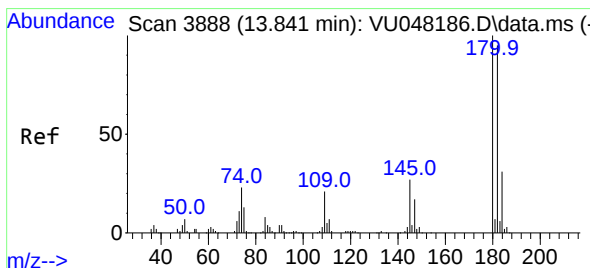
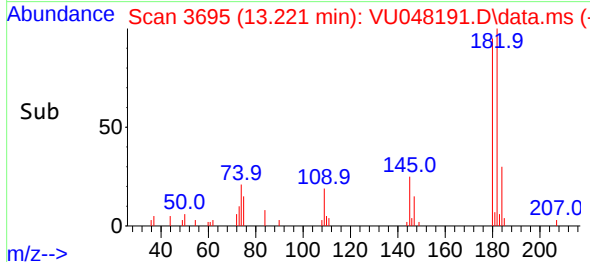
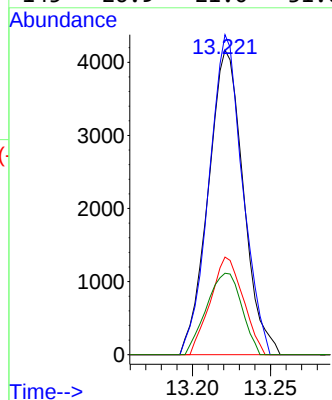
#69
1,3,5-Trichlorobenzene
Concen: 1.549 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

Instrument :
MSVOA_U
ClientSampleId :
C0J15



Tgt Ion:180 Resp: 6506

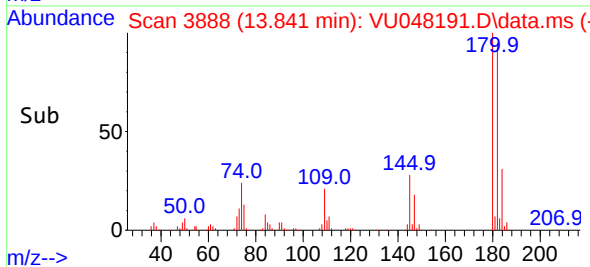
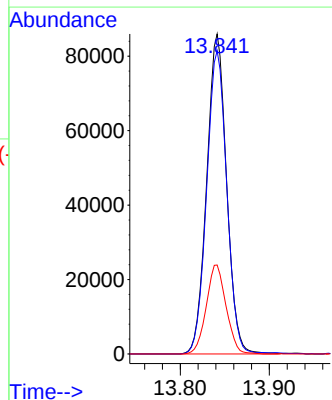
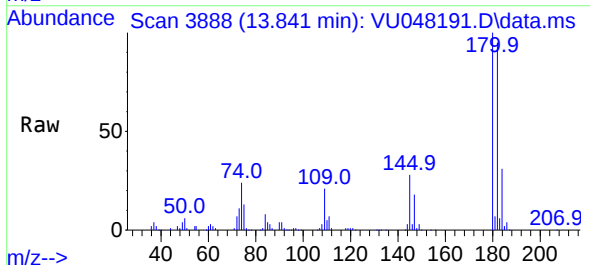
Ion	Ratio	Lower	Upper
180	100		
182	100.1	77.0	115.6
184	29.9	24.5	36.7
145	26.9	21.0	31.6

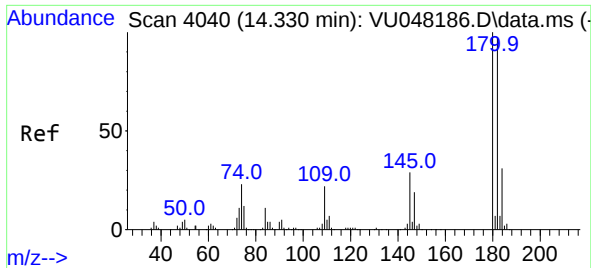


#70
1,2,4-trichlorobenzene
Concen: 36.172 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048191.D
Acq: 21 Apr 2022 22:54

Tgt Ion:180 Resp: 133097

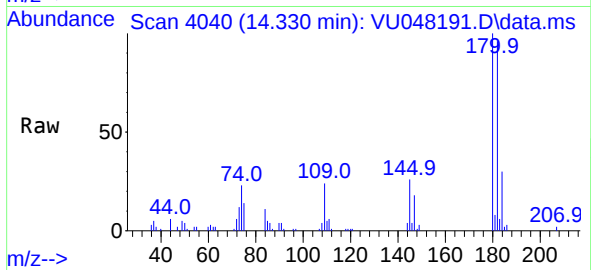
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	27.7	21.8	32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 5.280 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU048191.D
 Acq: 21 Apr 2022 22:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J15



Tgt Ion:	180	Resp:	19478
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.4	116.0
145	28.1	22.8	34.2

