

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048252.D
 Acq On : 23 Apr 2022 17:37
 Operator : SY/MD
 Sample : N2488-11 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ4

Quant Time: Apr 25 02:03:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

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

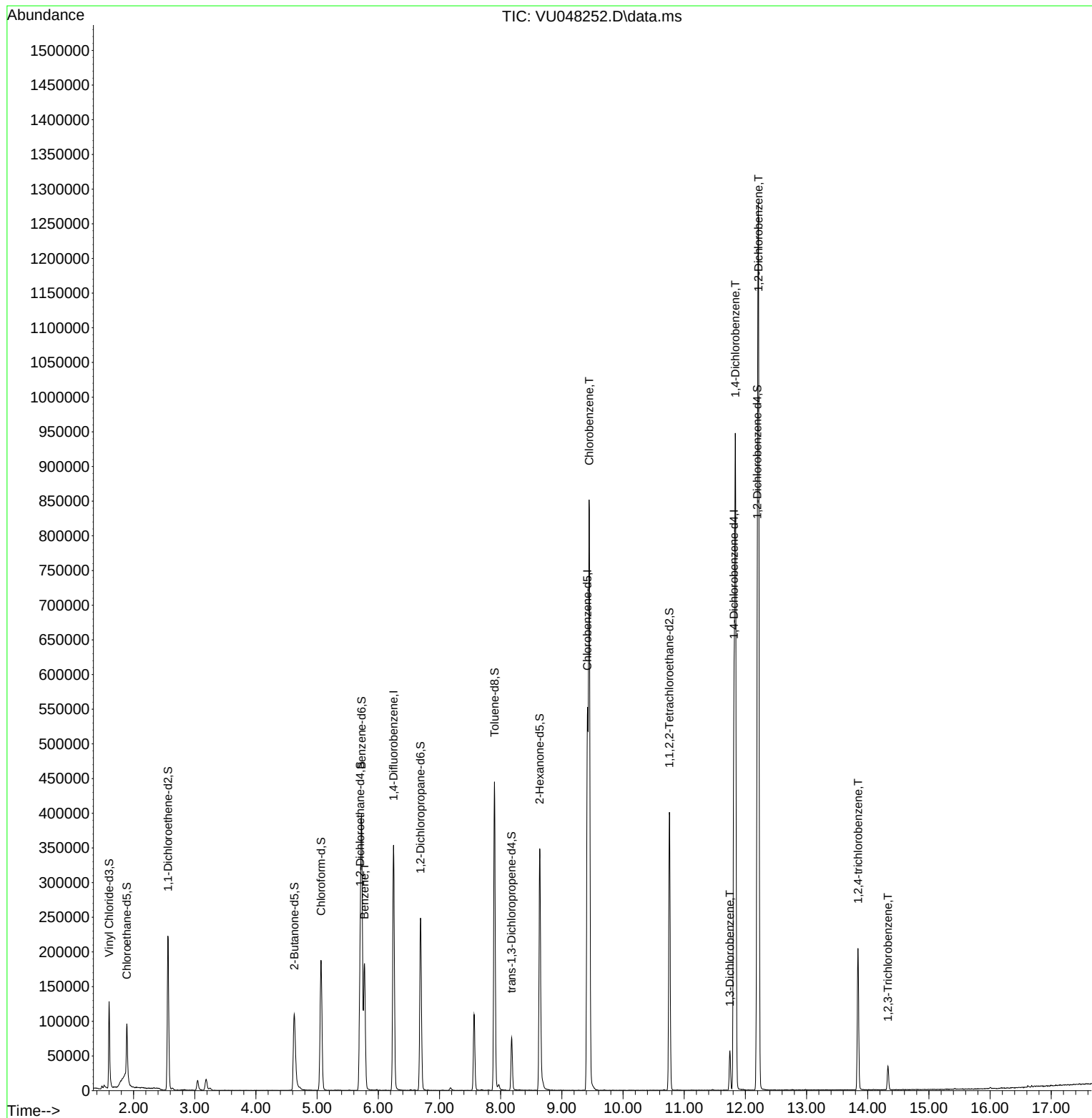
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	302509	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314622	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	151820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102848	46.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.760%
7) Chloroethane-d5	1.890	69	79080	45.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	2.562	63	128715	32.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.140%
21) 2-Butanone-d5	4.626	46	170041	90.308	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.310%
24) Chloroform-d	5.063	84	179175	44.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
26) 1,2-Dichloroethane-d4	5.703	65	115025	46.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.726	84	374203	47.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.540%
36) 1,2-Dichloropropane-d6	6.690	67	123925	50.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.940%
41) Toluene-d8	7.899	98	305811	39.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.300%#
43) trans-1,3-Dichloroprop...	8.179	79	43409	35.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.480%
47) 2-Hexanone-d5	8.639	63	119916	84.253	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.250%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201792	48.362	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	138953	51.445	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.880%
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	177239	19.462	ug/L	100
51) Chlorobenzene	9.449	112	477394	70.363	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	25069	5.497	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	391161	82.806	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	502939	110.214	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	70227	21.647	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	12262	3.770	ug/L	100

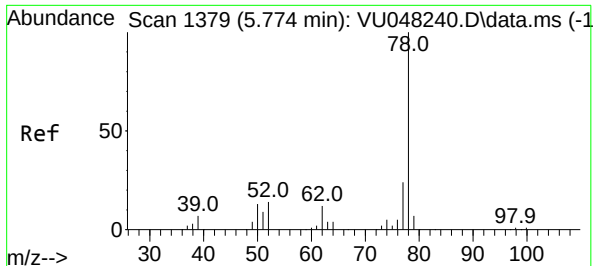
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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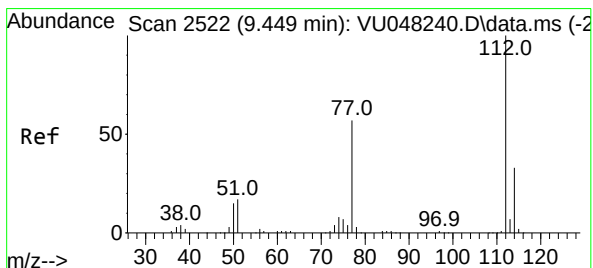
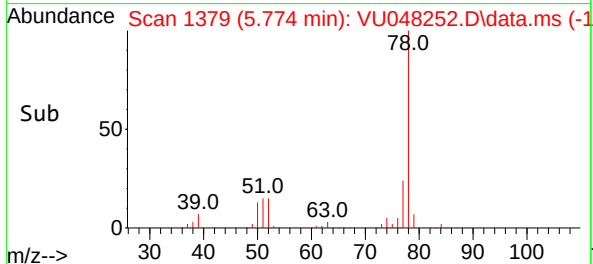
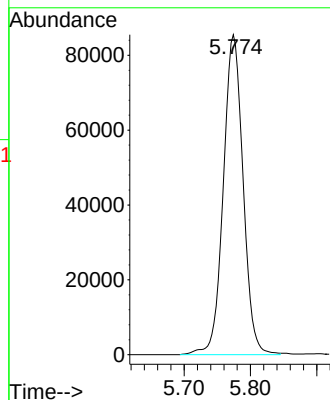
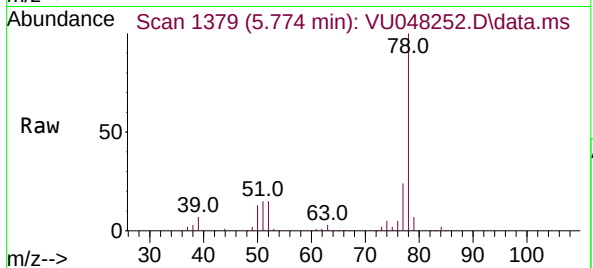




#33
Benzene
Concen: 19.462 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048252.D
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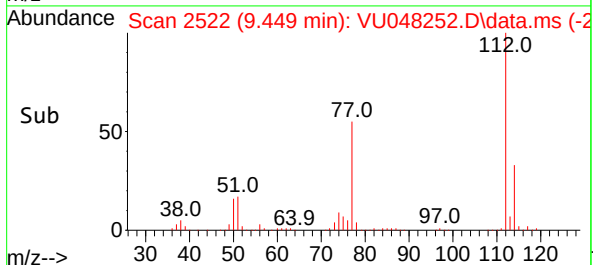
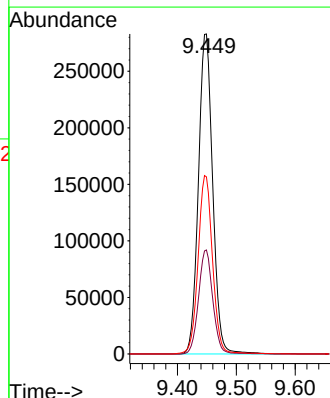
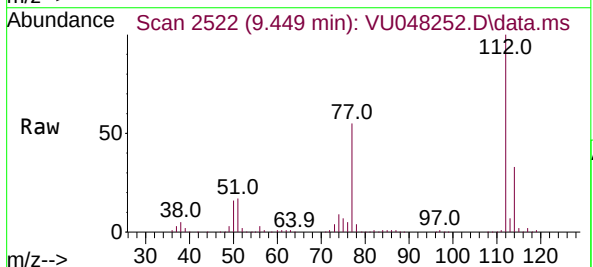
Instrument :
MSVOA_U
ClientSampleId :
C0HZ4

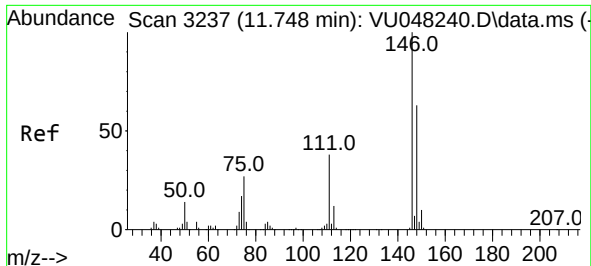
Tgt Ion: 78 Resp: 177239



#51
Chlorobenzene
Concen: 70.363 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048252.D
Acq: 23 Apr 2022 17:37

Tgt Ion: 112 Resp: 477394
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.4 43.4 65.0

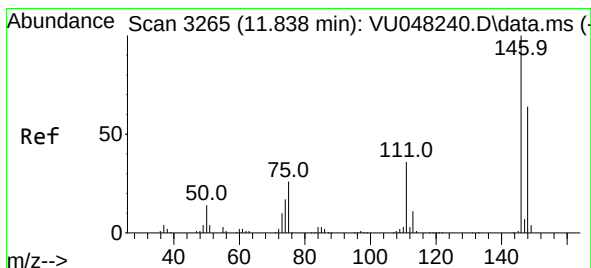
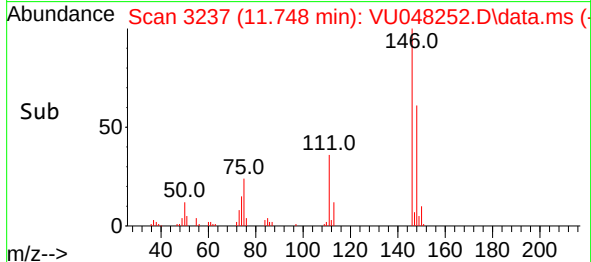
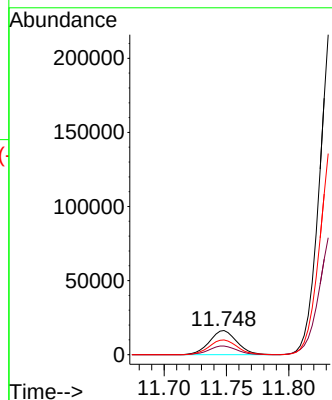
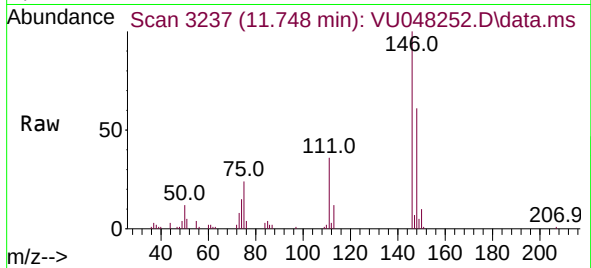




#64
1,3-Dichlorobenzene
Concen: 5.497 ug/L
RT: 11.748 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048252.D
Acq: 23 Apr 2022 17:37

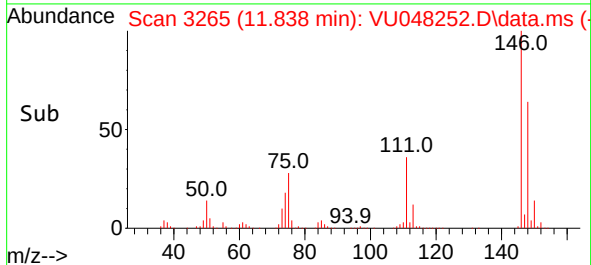
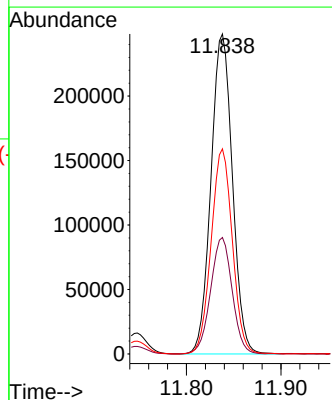
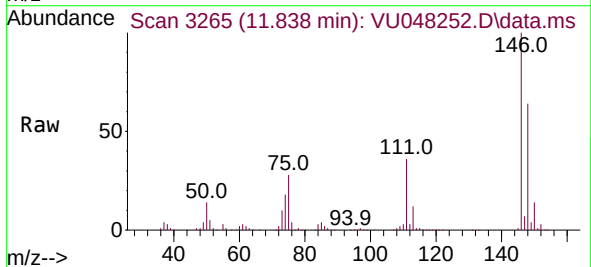
Instrument :
MSVOA_U
ClientSampleId :
C0HZ4

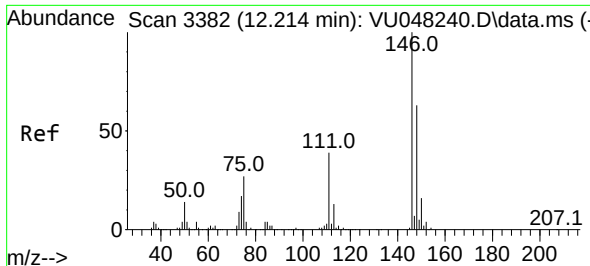
Tgt Ion:146 Resp: 25069
Ion Ratio Lower Upper
146 100
111 36.1 26.7 49.7
148 60.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 82.806 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048252.D
Acq: 23 Apr 2022 17:37

Tgt Ion:146 Resp: 391161
Ion Ratio Lower Upper
146 100
111 36.4 25.3 47.1
148 64.1 44.5 82.7

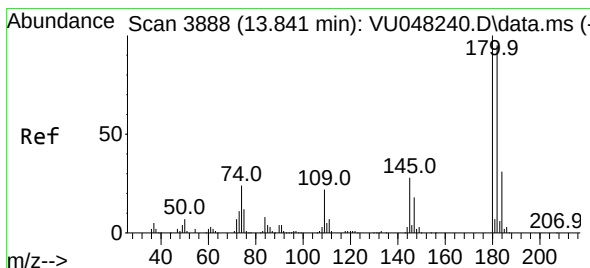
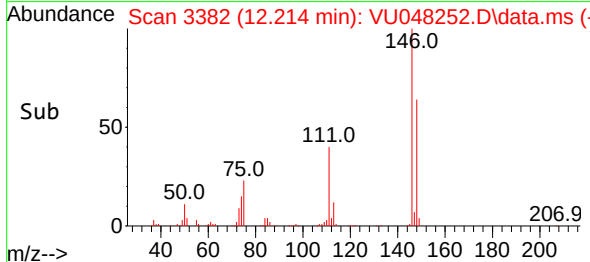
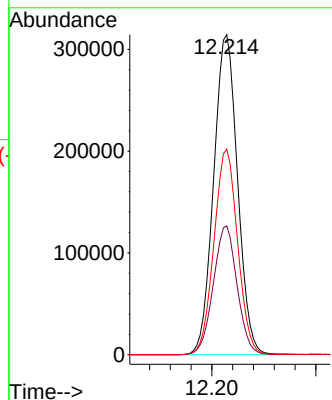
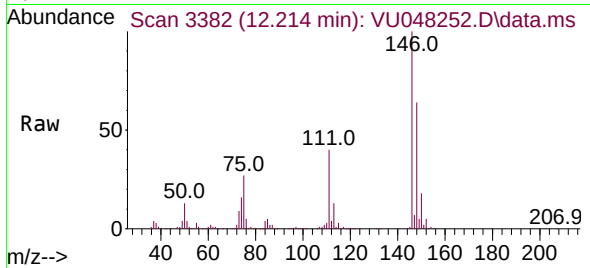




#67
 1,2-Dichlorobenzene
 Concen: 110.214 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU048252.D
 Acq: 23 Apr 2022 17:37

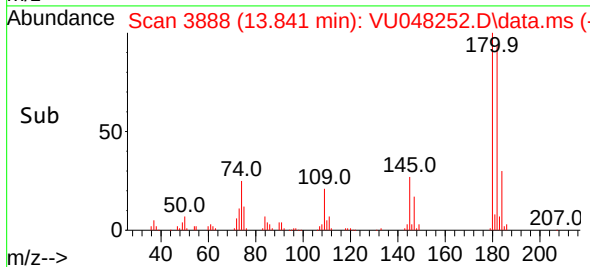
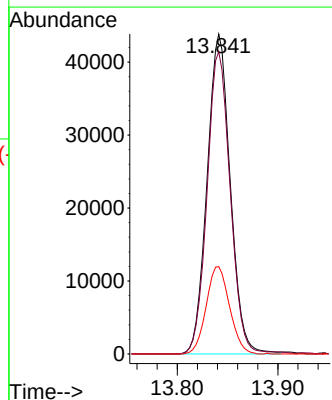
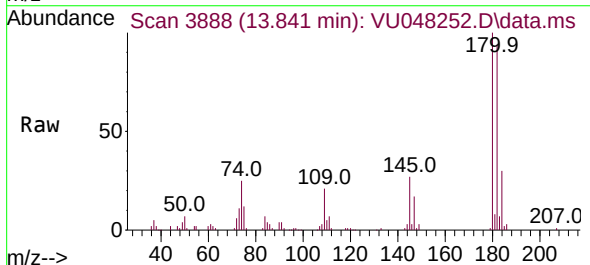
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ4

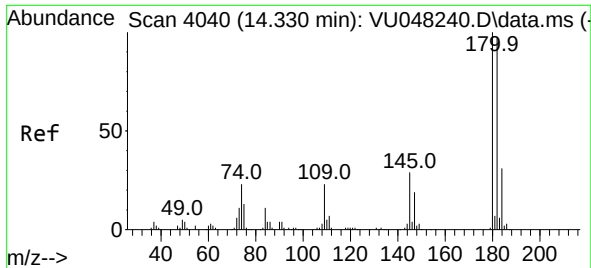
Tgt Ion:146 Resp: 502939
 Ion Ratio Lower Upper
 146 100
 111 40.3 31.7 47.5
 148 64.3 51.4 77.2



#70
 1,2,4-trichlorobenzene
 Concen: 21.647 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048252.D
 Acq: 23 Apr 2022 17:37

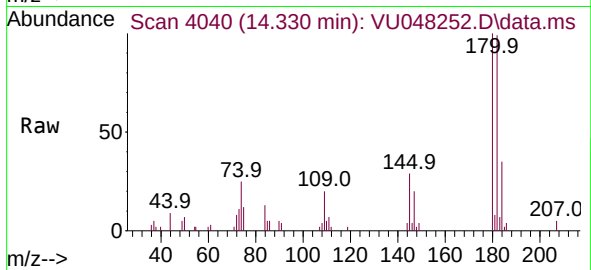
Tgt Ion:180 Resp: 70227
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.2 114.2
 145 27.5 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 3.770 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU048252.D
 Acq: 23 Apr 2022 17:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ4



Tgt Ion:	180	Resp:	12262
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.4	116.0
145	28.2	22.8	34.2

