

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048201.D
 Acq On : 22 Apr 2022 03:52
 Operator : SY/MD
 Sample : N2488-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ5

Quant Time: Apr 22 06:38:05 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)

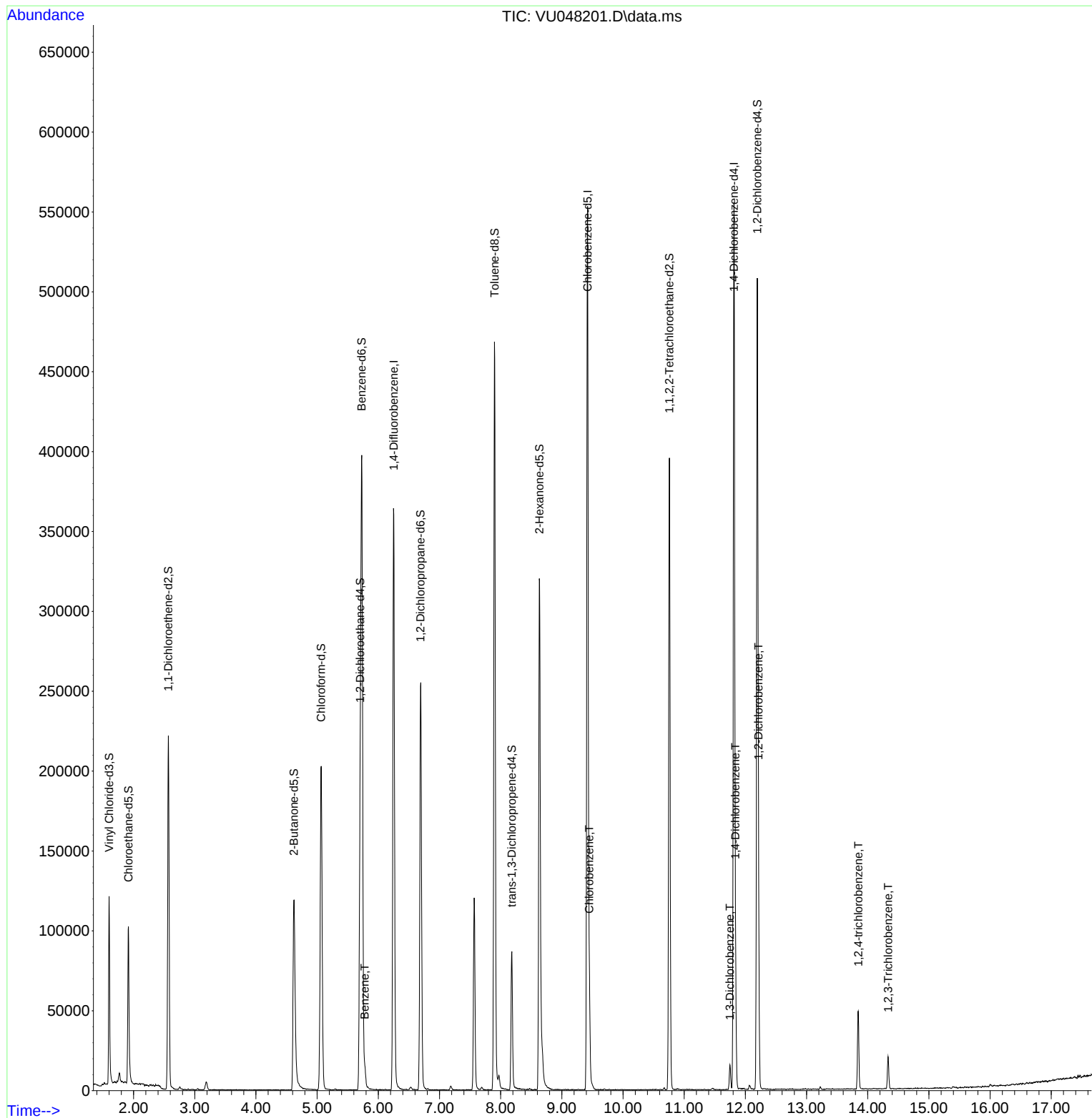
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	311249	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	329600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	90317	40.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.040%
7) Chloroethane-d5	1.916	69	80662	45.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.640%
11) 1,1-Dichloroethene-d2	2.568	63	125651	30.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.860%
21) 2-Butanone-d5	4.620	46	172188	88.881	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.880%
24) Chloroform-d	5.067	84	192591	46.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
26) 1,2-Dichloroethane-d4	5.703	65	119991	47.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
32) Benzene-d6	5.729	84	381776	46.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
36) 1,2-Dichloropropane-d6	6.690	67	128564	50.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	7.899	98	324838	40.200	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.182	79	50186	38.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.780%
47) 2-Hexanone-d5	8.632	63	111144	74.541	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200839	45.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	141721	50.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.100%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	10957	1.148	ug/L	100
51) Chlorobenzene	9.449	112	33245	4.677	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	7184	1.518	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	31137	6.350	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	37079	7.828	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	17474	5.189	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	7416	2.197	ug/L	99

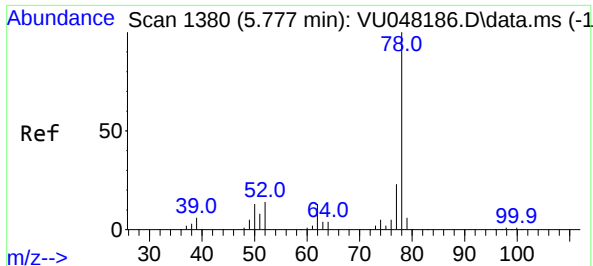
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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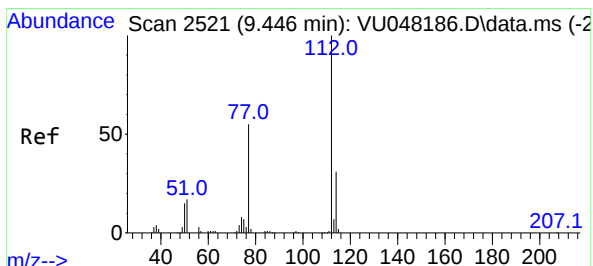
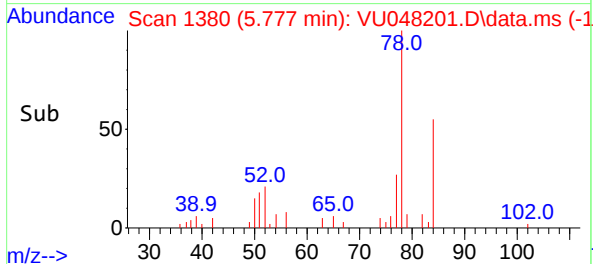
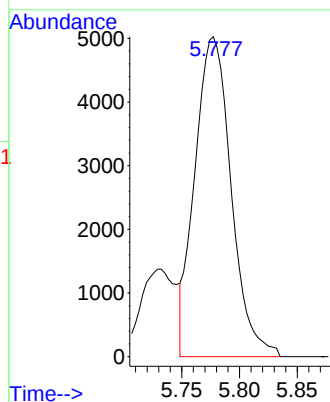
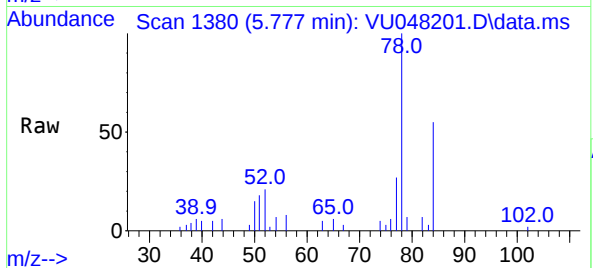




#33
Benzene
Concen: 1.148 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

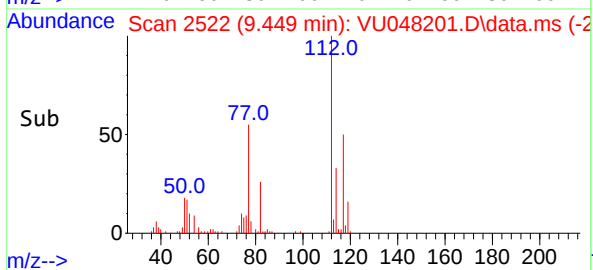
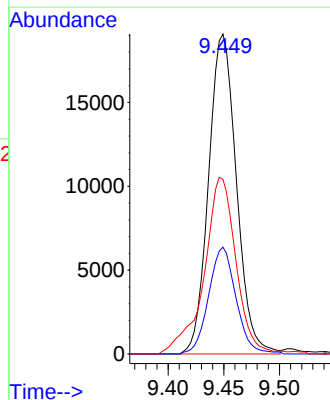
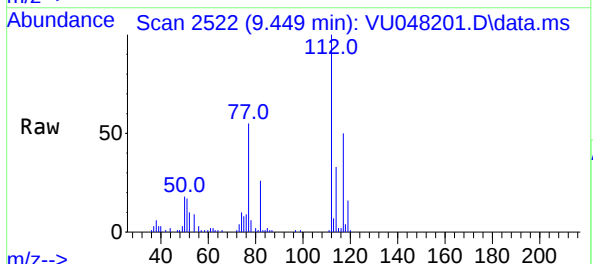
Instrument :
MSVOA_U
ClientSampleId :
C0HZ5

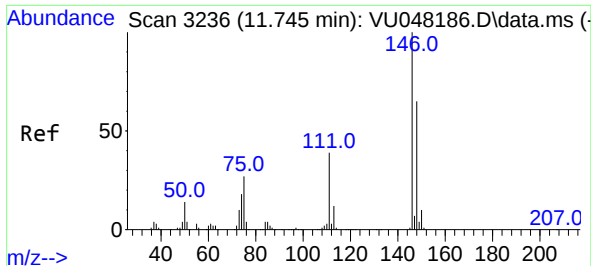
Tgt Ion: 78 Resp: 10957



#51
Chlorobenzene
Concen: 4.677 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

Tgt Ion: 112 Resp: 33245
Ion Ratio Lower Upper
112 100
114 33.3 22.1 41.1
77 54.6 43.4 65.0

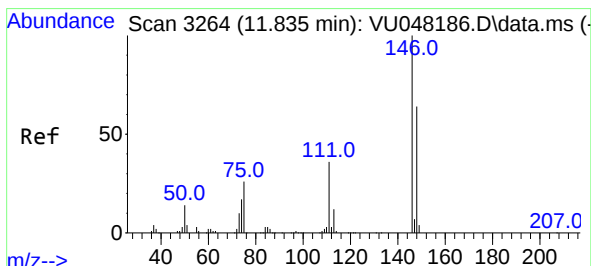
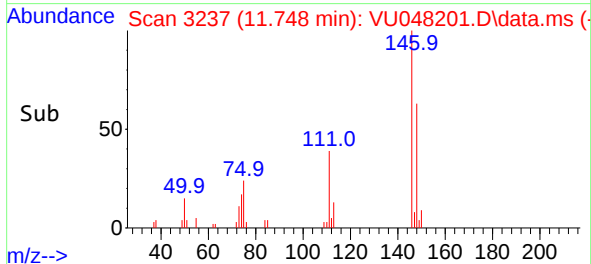
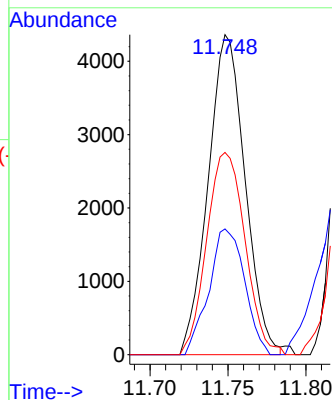
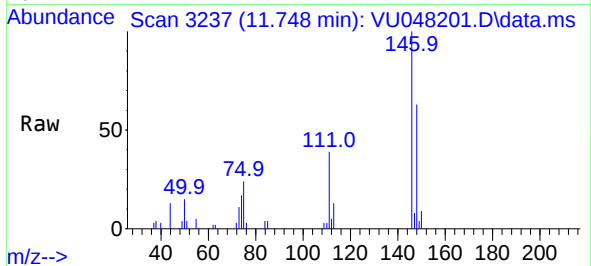




#64
1,3-Dichlorobenzene
Concen: 1.518 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

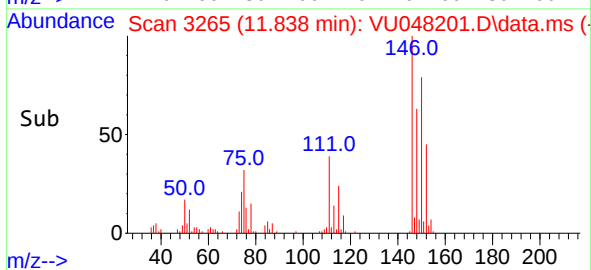
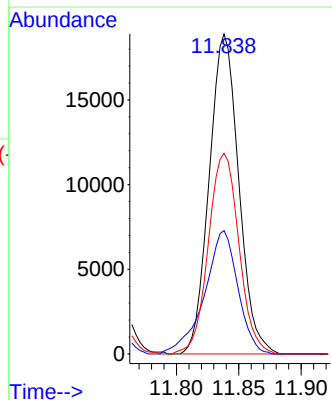
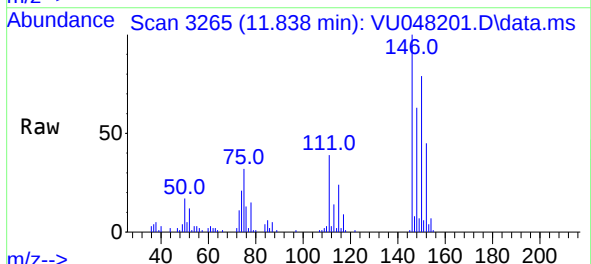
Instrument :
MSVOA_U
ClientSampleId :
C0HZ5

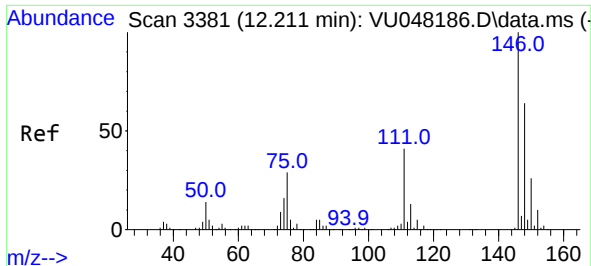
Tgt Ion:	146	Resp:	7184
Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.7	49.7
148	63.2	44.4	82.5



#65
1,4-Dichlorobenzene
Concen: 6.350 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

Tgt Ion:	146	Resp:	31137
Ion	Ratio	Lower	Upper
146	100		
111	38.5	25.3	47.1
148	62.7	44.5	82.7





#67

1,2-Dichlorobenzene

Concen: 7.828 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

Instrument :

MSVOA_U

ClientSampleId :

C0HZ5

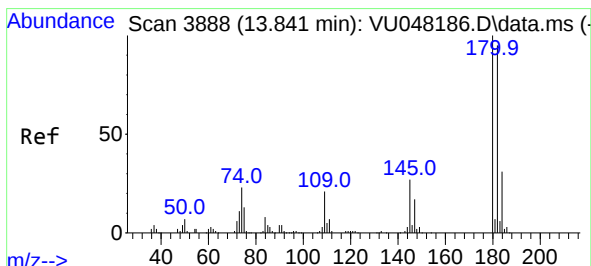
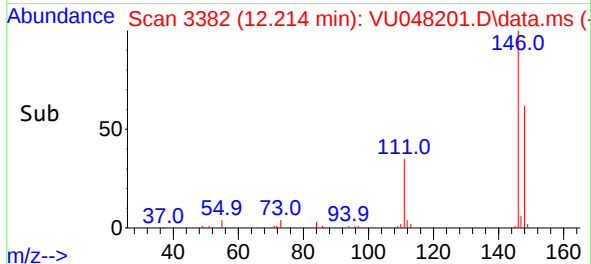
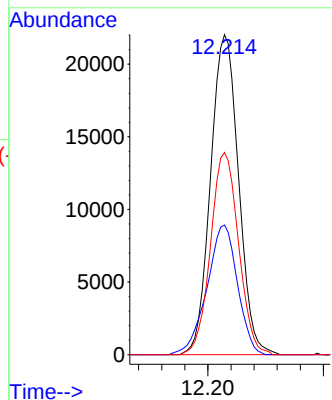
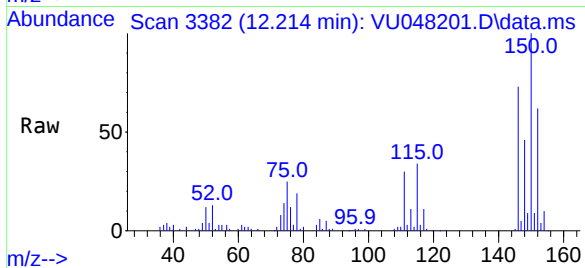
Tgt Ion:146 Resp: 37079

Ion Ratio Lower Upper

146 100

111 40.5 31.7 47.5

148 63.2 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 5.189 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

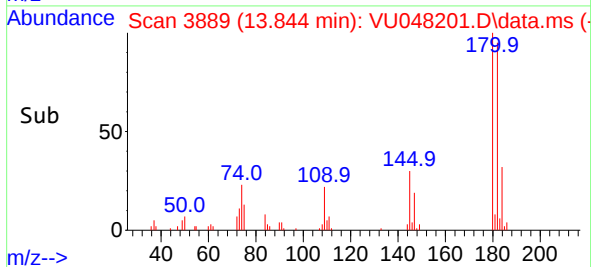
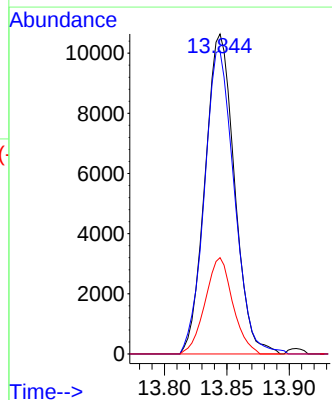
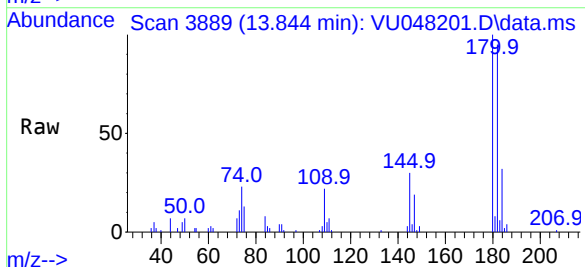
Tgt Ion:180 Resp: 17474

Ion Ratio Lower Upper

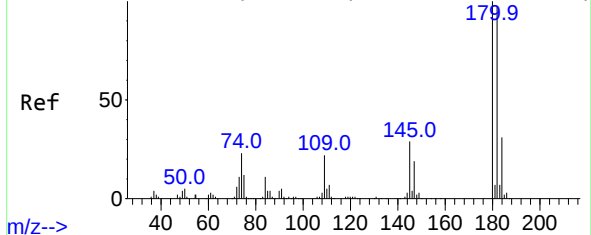
180 100

182 96.2 76.2 114.2

145 28.3 21.8 32.8



Abundance Scan 4040 (14.330 min): VU048186.D\data.ms (-



#72

1,2,3-Trichlorobenzene

Concen: 2.197 ug/L

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

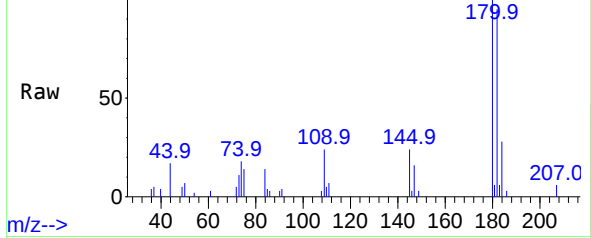
Instrument :

MSVOA_U

ClientSampleId :

C0HZ5

Abundance Scan 4041 (14.333 min): VU048201.D\data.ms (-



Tgt Ion:180 Resp: 7416

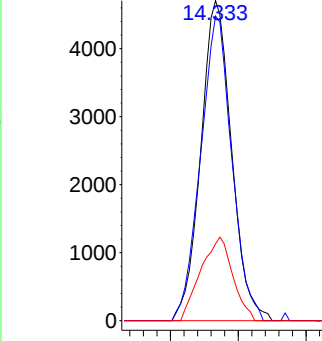
Ion Ratio Lower Upper

180 100

182 96.4 77.4 116.0

145 27.2 22.8 34.2

Abundance



Abundance Scan 4041 (14.333 min): VU048201.D\data.ms (-

