

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048008.D
 Acq On : 13 Apr 2022 16:57
 Operator : SY/MD
 Sample : N2345-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J79

Quant Time: Apr 14 03:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

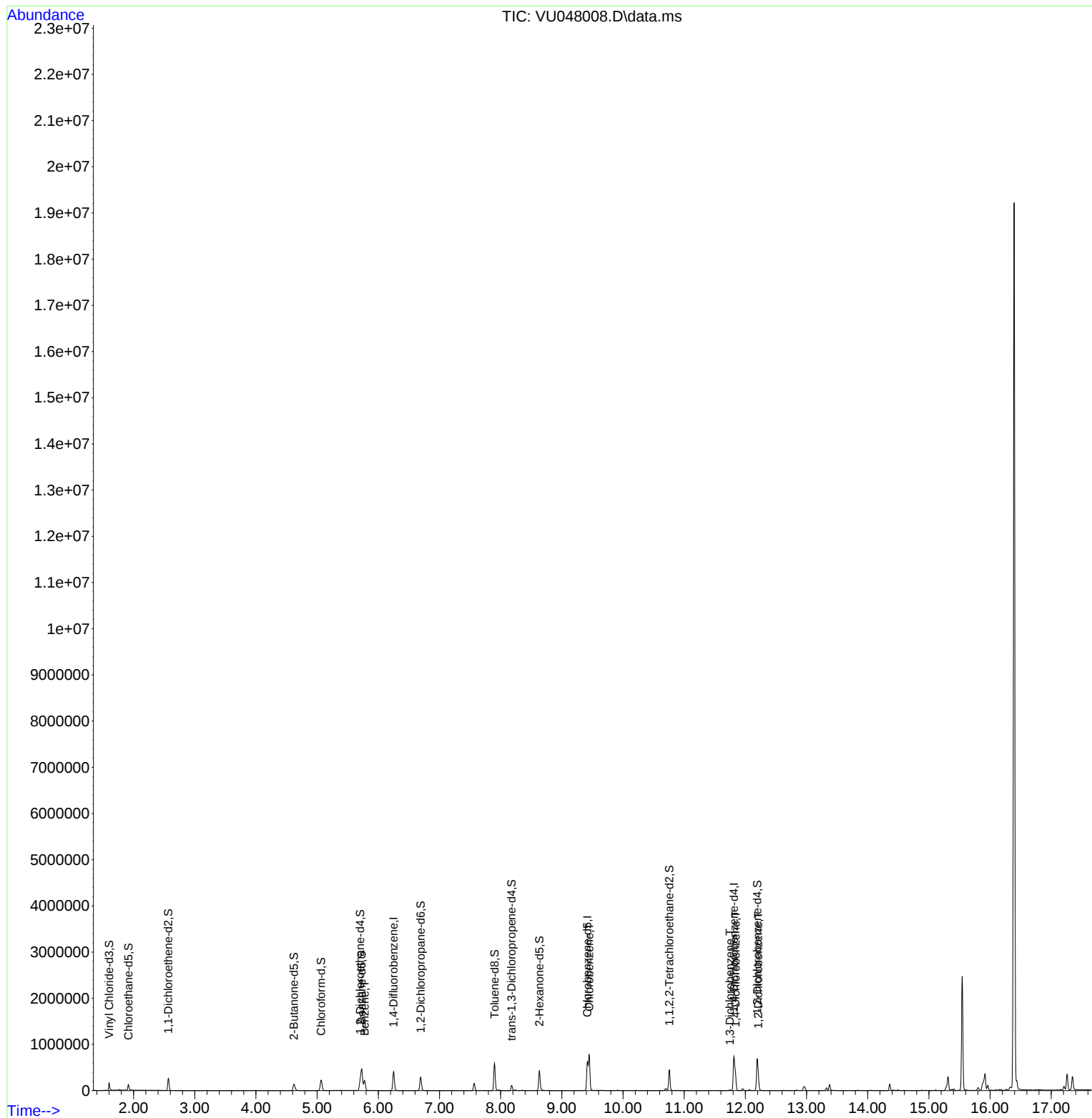
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	350664	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358810	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	204559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	114351	44.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.940%
7) Chloroethane-d5	1.916	69	100501	50.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.240%
11) 1,1-Dichloroethene-d2	2.568	63	150545	32.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.720%
21) 2-Butanone-d5	4.620	46	199091	91.217	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	5.067	84	214158	46.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
26) 1,2-Dichloroethane-d4	5.703	65	141026	49.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
32) Benzene-d6	5.729	84	442831	49.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
36) 1,2-Dichloropropane-d6	6.694	67	143985	51.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.860%
41) Toluene-d8	7.899	98	400887	45.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.140%
43) trans-1,3-Dichloroprop...	8.179	79	61436	43.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.460%
47) 2-Hexanone-d5	8.632	63	150590	92.774	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220550	46.348	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	179883	49.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	210856	20.302	ug/L	100
51) Chlorobenzene	9.449	112	421970	54.535	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	8928	1.453	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	156792	24.634	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	83958	13.655	ug/L	98

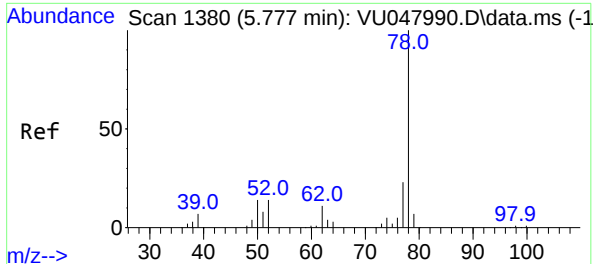
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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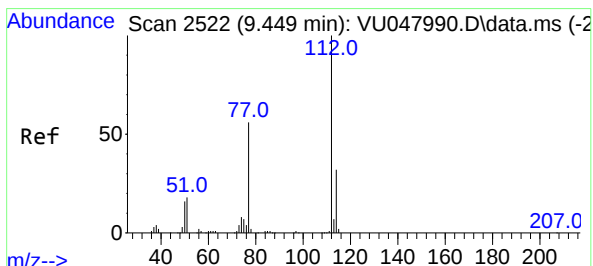
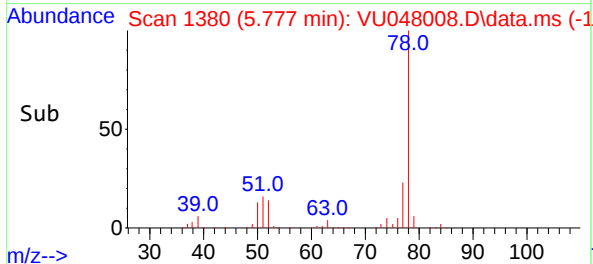
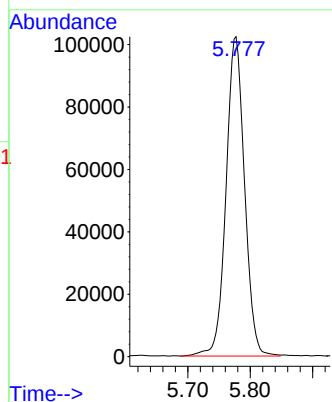
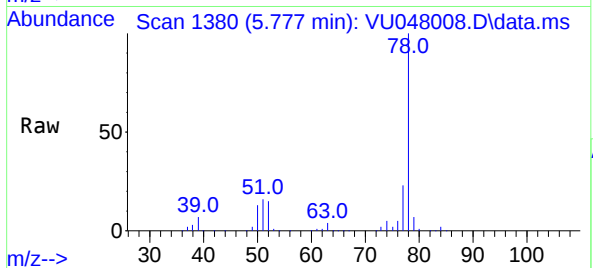




#33
Benzene
Concen: 20.302 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

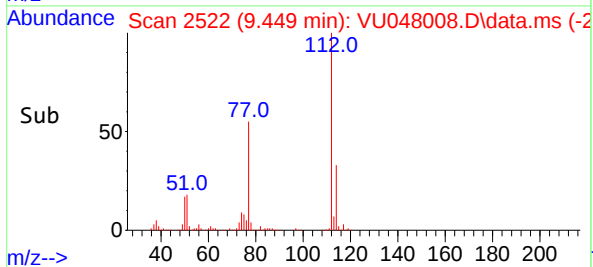
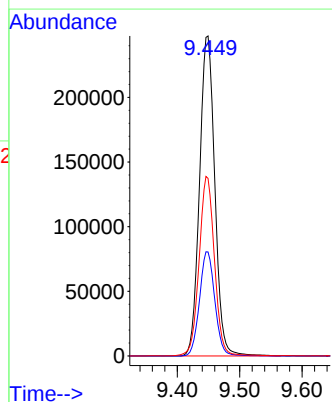
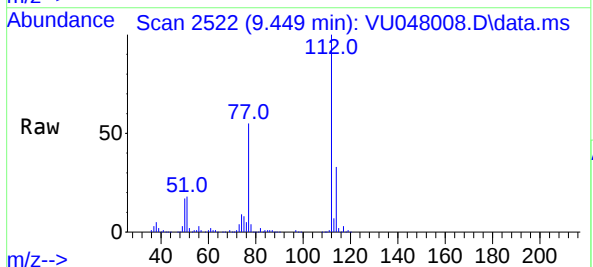
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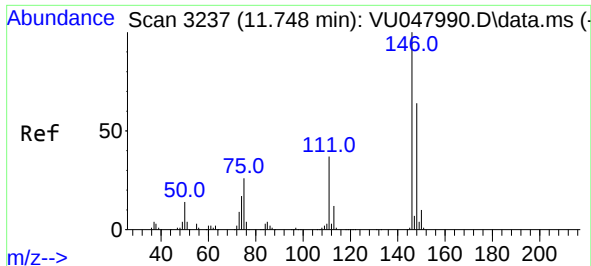
Tgt Ion: 78 Resp: 210856



#51
Chlorobenzene
Concen: 54.535 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

Tgt Ion: 112 Resp: 421970
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.5 43.4 65.0

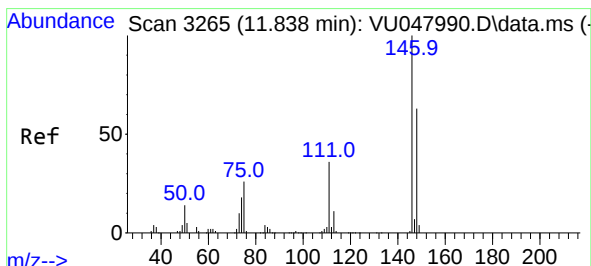
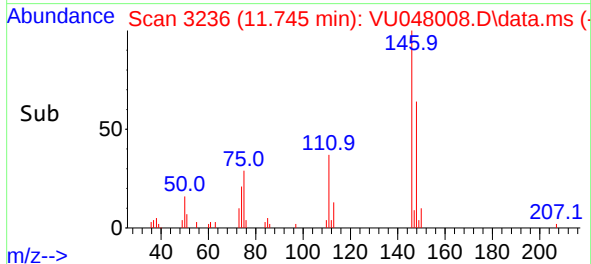
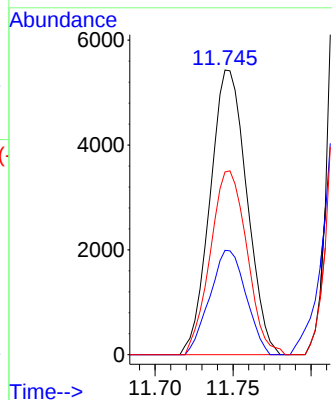
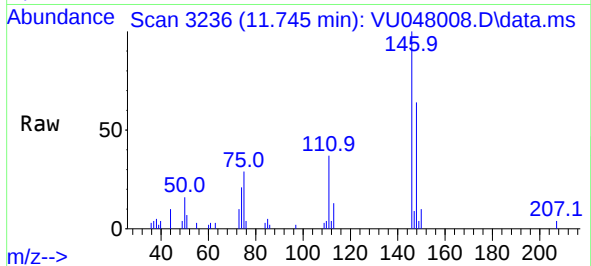




#64
1,3-Dichlorobenzene
Concen: 1.453 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

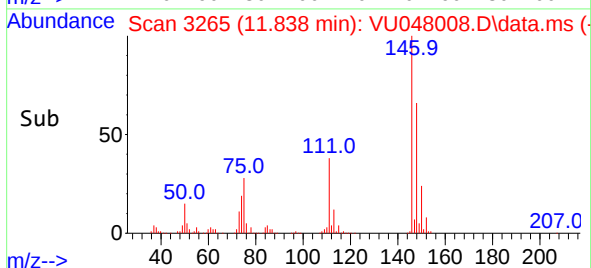
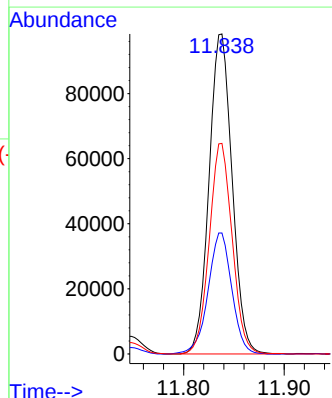
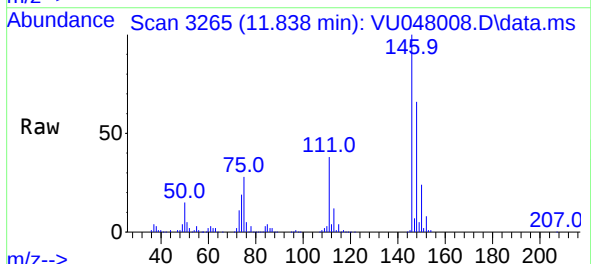
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ClientSampleId :
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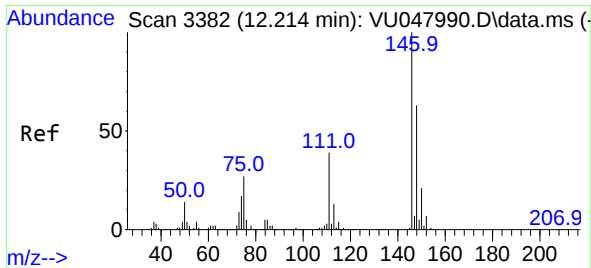
Tgt Ion:146	Resp:	8928
Ion	Ratio	Lower Upper
146	100	
111	36.7	26.7 49.7
148	64.2	44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 24.634 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

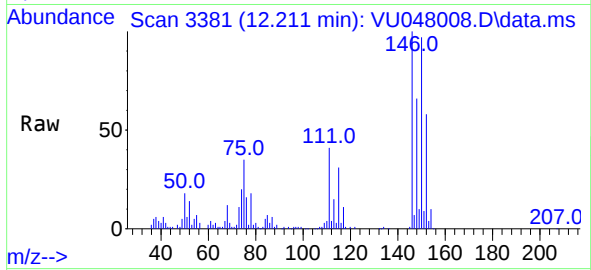
Tgt Ion:146	Resp:	156792
Ion	Ratio	Lower Upper
146	100	
111	37.8	25.3 47.1
148	65.8	44.5 82.7





#67
 1,2-Dichlorobenzene
 Concen: 13.655 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU048008.D
 Acq: 13 Apr 2022 16:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J79



Tgt Ion:	146	Resp:	83958
Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.7	47.5
148	65.7	51.4	77.2

