

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047892.D
 Acq On : 09 Apr 2022 01:06
 Operator : SY/MD
 Sample : N2345-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J82

Quant Time: Apr 09 02:10:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

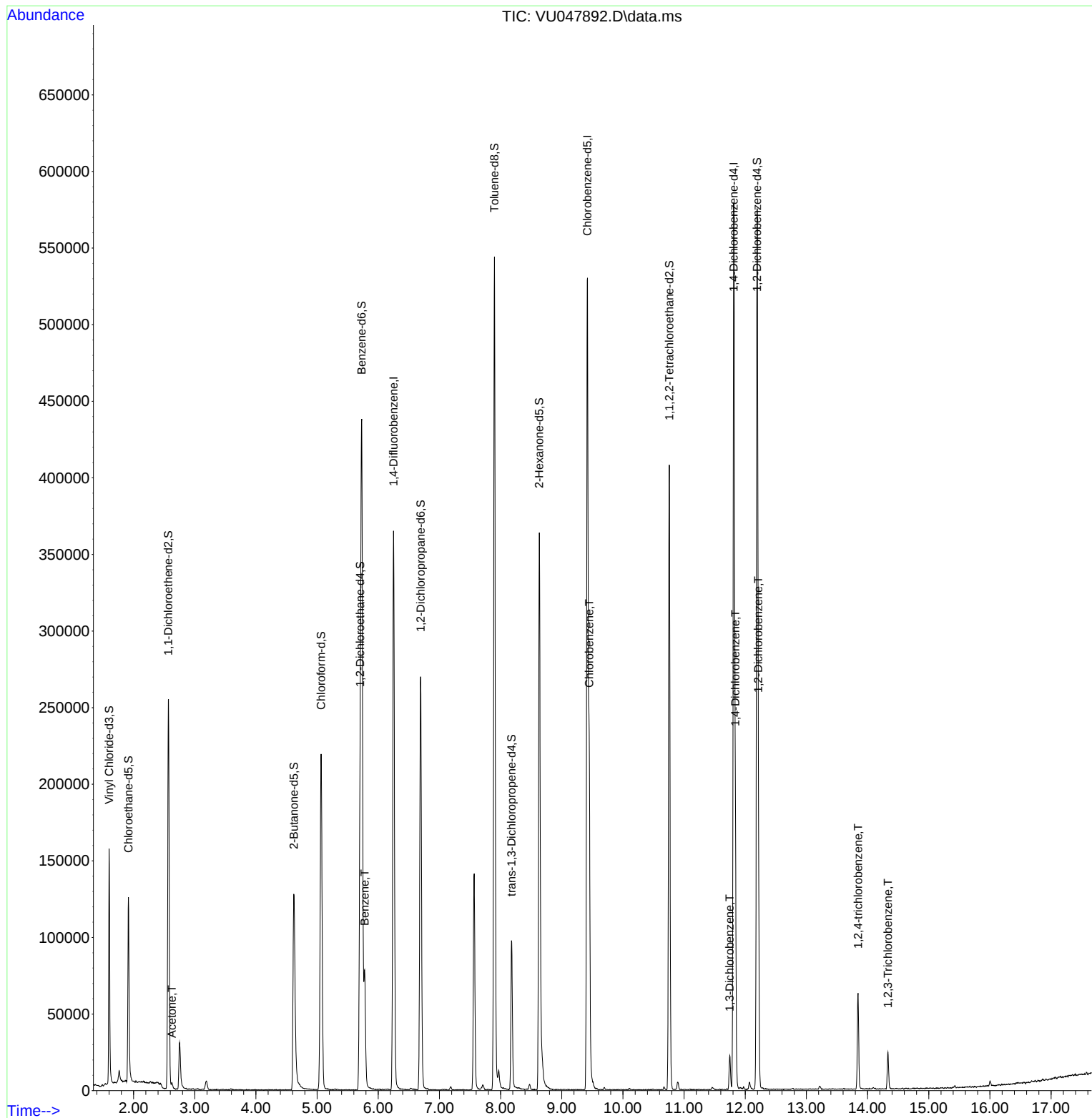
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311079	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	319326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	162203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	111392	49.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.760%
7) Chloroethane-d5	1.916	69	94743	53.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.520%
11) 1,1-Dichloroethene-d2	2.568	63	146344	35.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.920%
21) 2-Butanone-d5	4.620	46	188279	97.240	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.240%
24) Chloroform-d	5.067	84	203753	49.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	5.703	65	131476	51.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.880%
32) Benzene-d6	5.729	84	414963	51.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.280%
36) 1,2-Dichloropropane-d6	6.694	67	134755	54.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.220%
41) Toluene-d8	7.899	98	369966	47.258	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	8.179	79	55703	44.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.120%
47) 2-Hexanone-d5	8.632	63	129950	89.957	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202260	47.760	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	154365	53.492	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.980%
Target Compounds						Qvalue
13) Acetone	2.626	43	4071	2.259	ug/L	92
33) Benzene	5.777	78	73902	7.995	ug/L	100
51) Chlorobenzene	9.449	112	123212	17.893	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	10749	2.206	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	71063	14.081	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	54841	11.249	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	21318	6.150	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	8996	2.589	ug/L	94

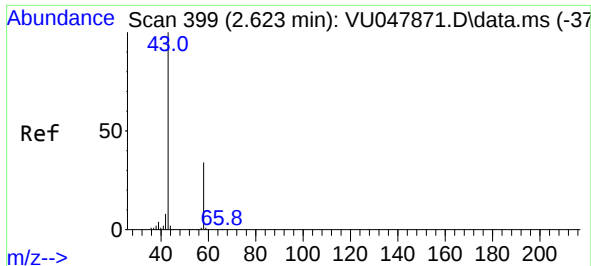
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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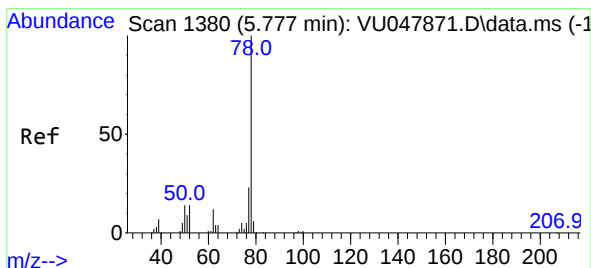
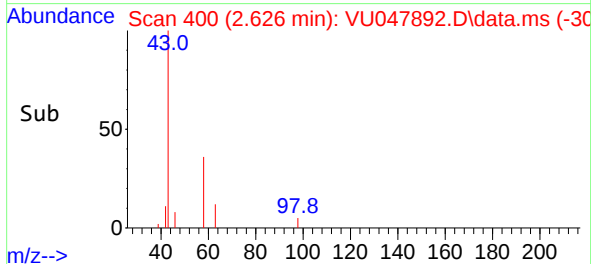
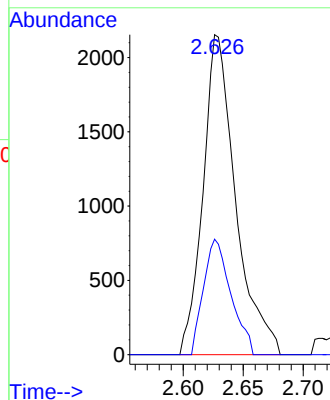
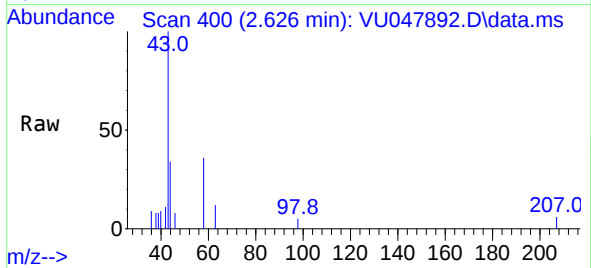




#13
Acetone
Concen: 2.259 ug/L
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU047892.D
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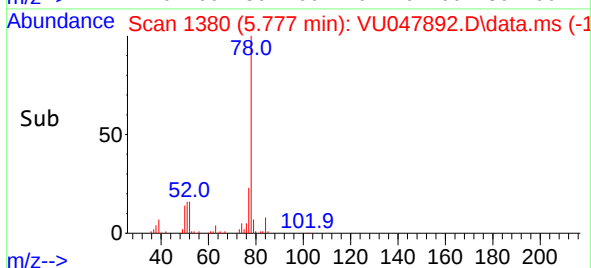
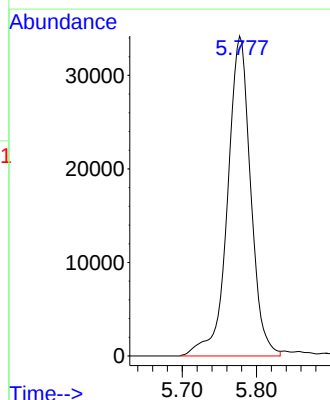
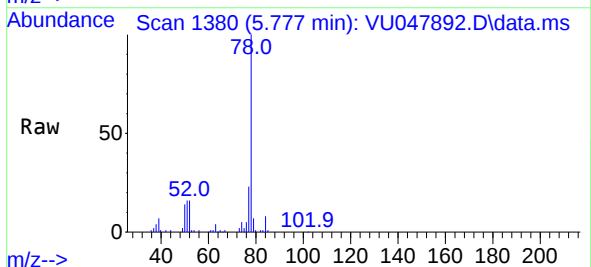
Instrument :
MSVOA_U
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C0J82

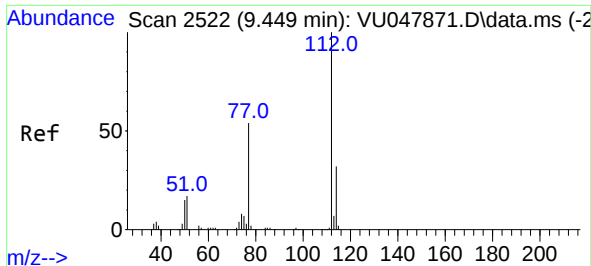
Tgt Ion: 43 Resp: 4071
Ion Ratio Lower Upper
43 100
58 30.3 0.0 70.0



#33
Benzene
Concen: 7.995 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

Tgt Ion: 78 Resp: 73902

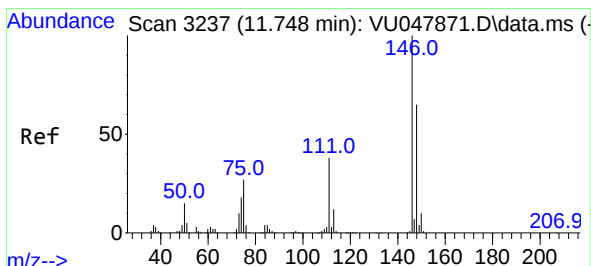
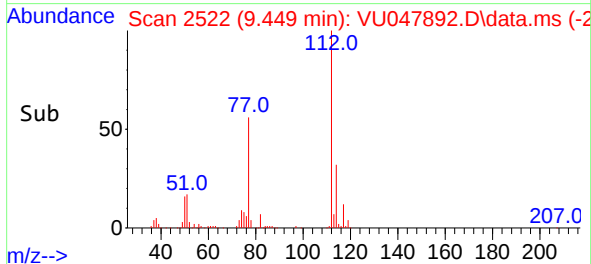
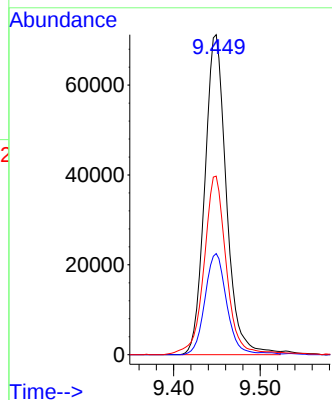
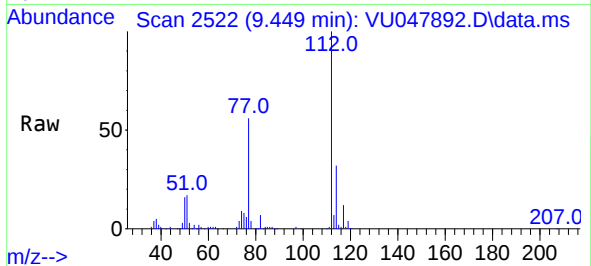




#51
Chlorobenzene
Concen: 17.893 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

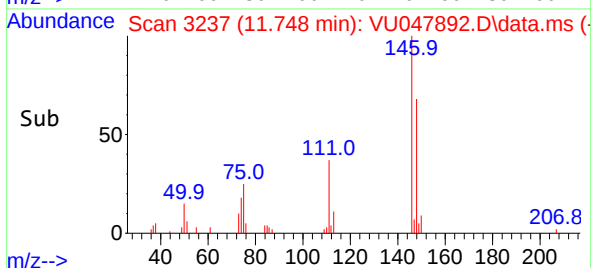
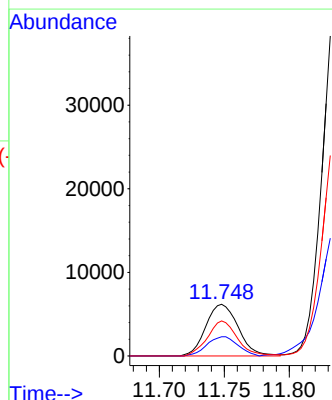
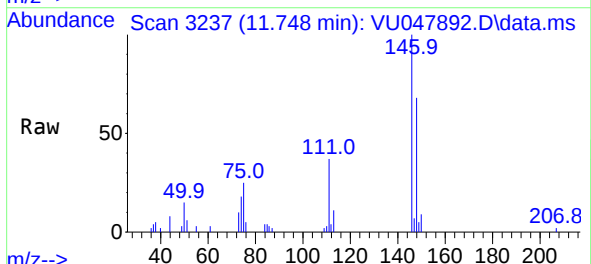
Instrument :
MSVOA_U
ClientSampleId :
C0J82

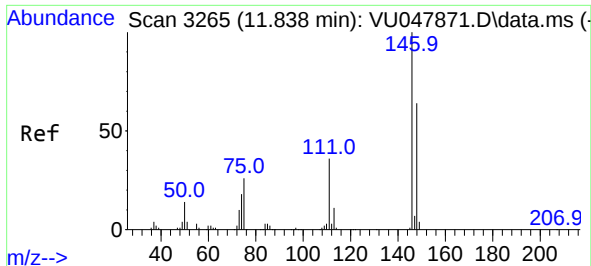
Tgt Ion:112 Resp: 123212
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 55.8 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.206 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

Tgt Ion:146 Resp: 10749
Ion Ratio Lower Upper
146 100
111 41.5 26.7 49.7
148 67.7 44.4 82.5

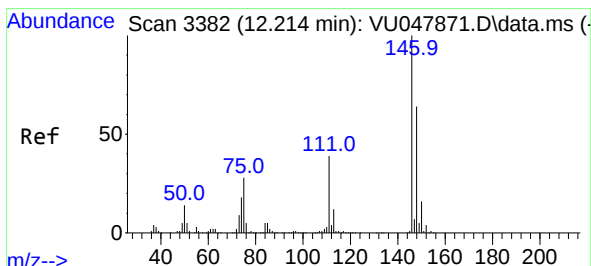
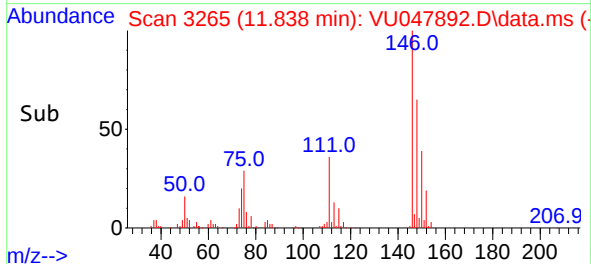
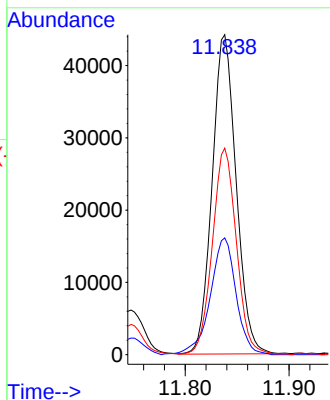
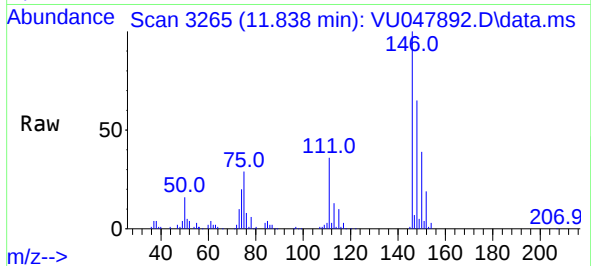




#65
1,4-Dichlorobenzene
Concen: 14.081 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

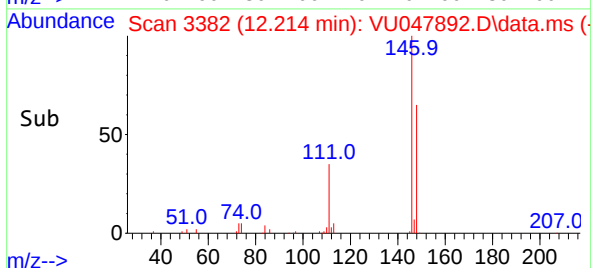
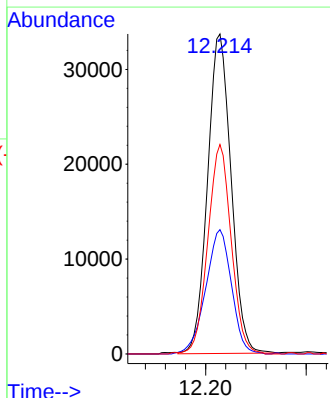
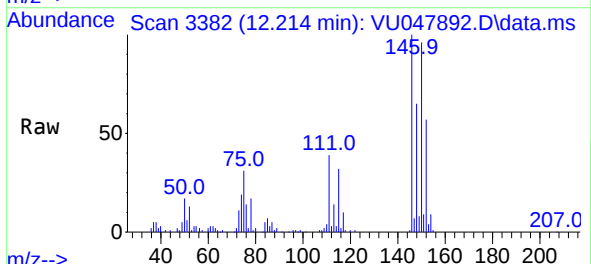
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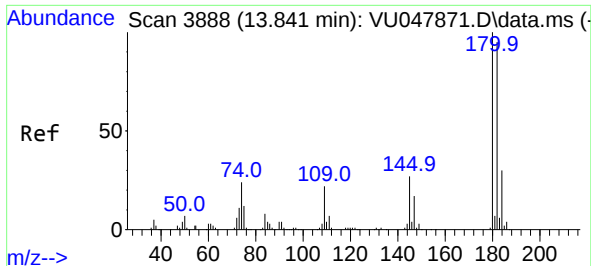
Tgt Ion:	146	Resp:	71063
Ion Ratio	Lower	Upper	
146	100		
111	36.5	25.3	47.1
148	64.6	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 11.249 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

Tgt Ion:	146	Resp:	54841
Ion Ratio	Lower	Upper	
146	100		
111	38.8	31.7	47.5
148	65.5	51.4	77.2

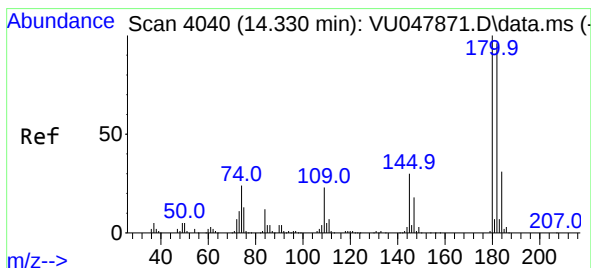
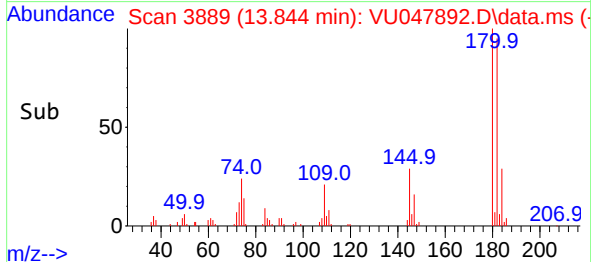
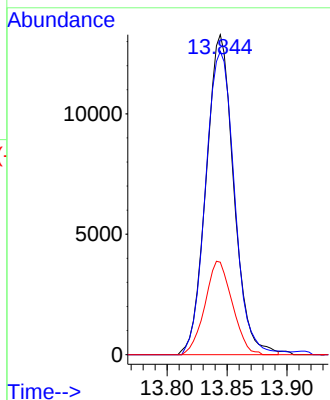
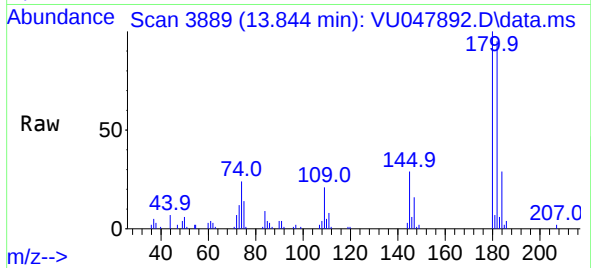




#70
1,2,4-trichlorobenzene
Concen: 6.150 ug/L
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

Instrument :
MSVOA_U
ClientSampleId :
C0J82

Tgt Ion:180 Resp: 21318
Ion Ratio Lower Upper
180 100
182 98.2 76.2 114.2
145 28.8 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 2.589 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

Tgt Ion:180 Resp: 8996
Ion Ratio Lower Upper
180 100
182 89.9 77.4 116.0
145 26.8 22.8 34.2

