

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)

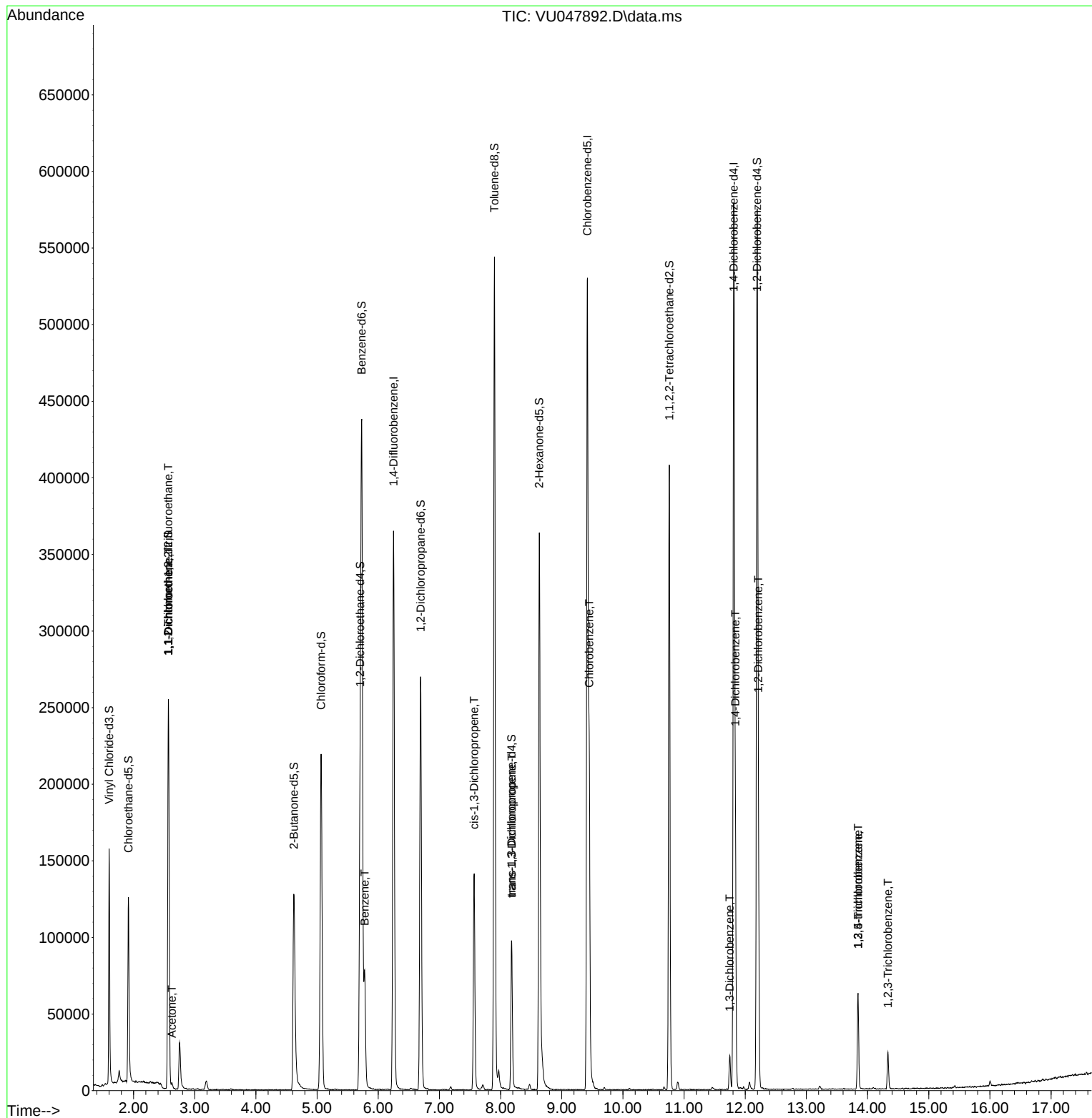
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311079	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	319326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	162203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	111392	49.379	ug/L	0.00
Spiked Amount 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
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1555	0.678	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1371	0.642	ug/L #	1
13) Acetone	2.626	43	4071	2.259	ug/L	92
33) Benzene	5.777	78	73902	7.995	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	3397	0.932	ug/L #	59
44) trans-1,3-Dichloropropene	8.182	75	2332	0.641	ug/L #	63
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
69) 1,3,5-Trichlorobenzene	13.844	180	21318	5.387	ug/L	98
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

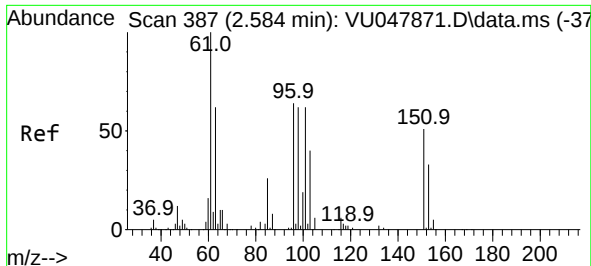
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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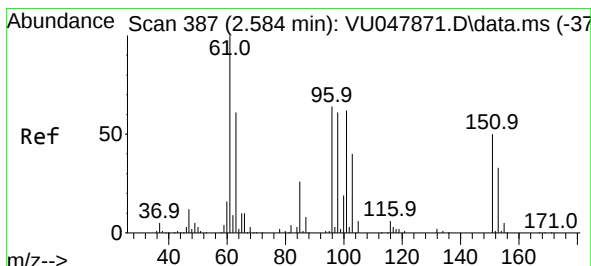
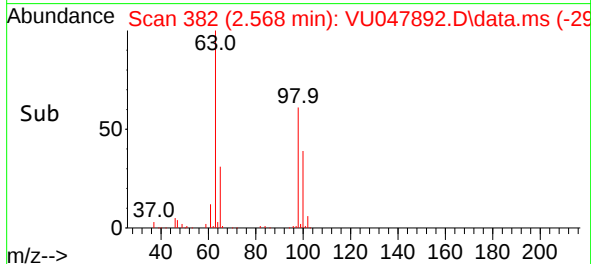
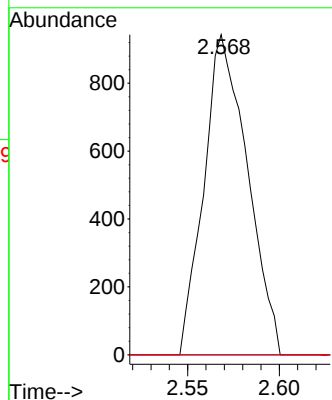
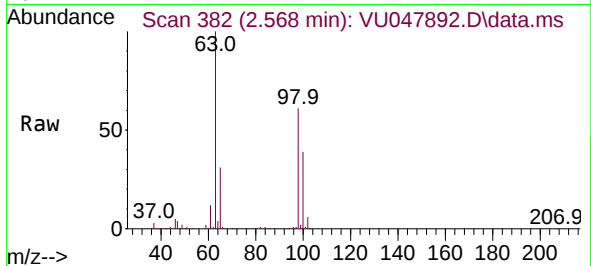




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.678 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047892.D
 Acq: 09 Apr 2022 01:06

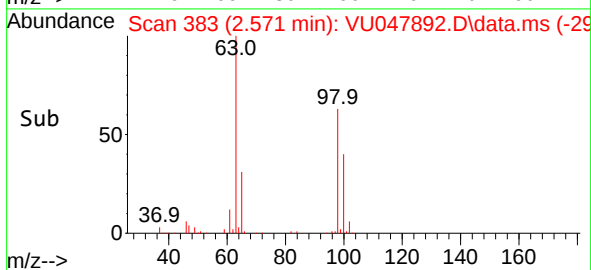
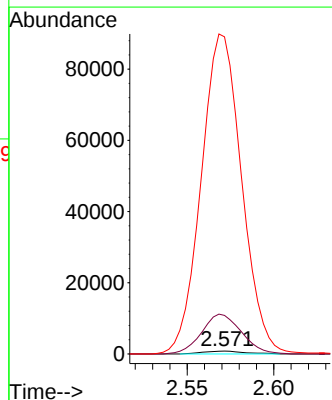
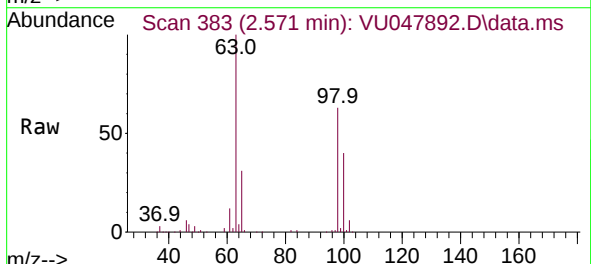
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J82

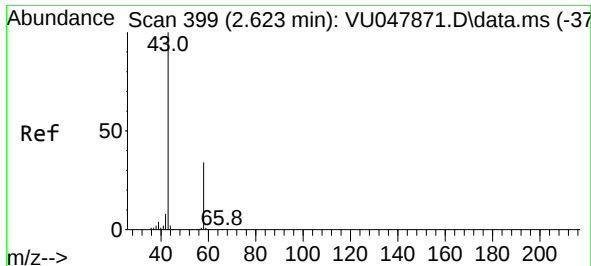
Tgt Ion:101 Resp: 1555
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.642 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047892.D
 Acq: 09 Apr 2022 01:06

Tgt Ion: 96 Resp: 1371
 Ion Ratio Lower Upper
 96 100
 61 1359.3 113.1 210.1#
 63 11191.0 94.8 176.0#





#13

Acetone

Concen: 2.259 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU047892.D

Acq: 09 Apr 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

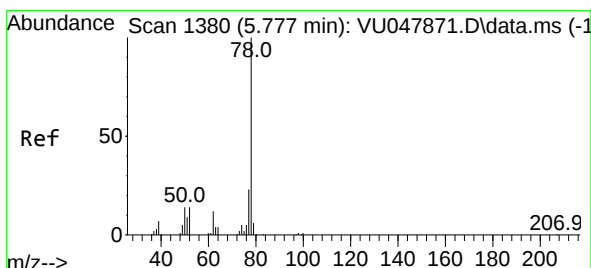
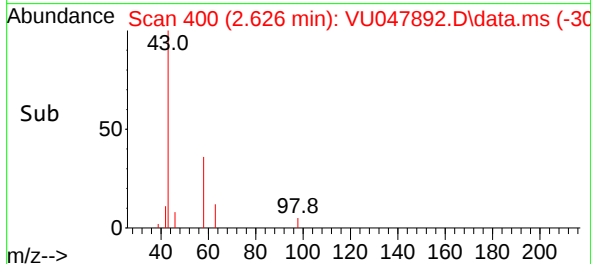
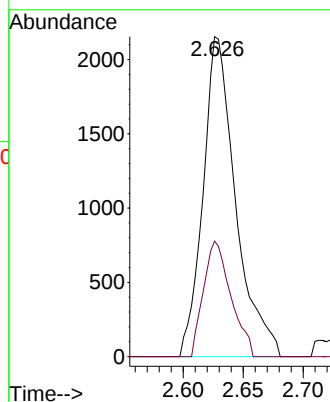
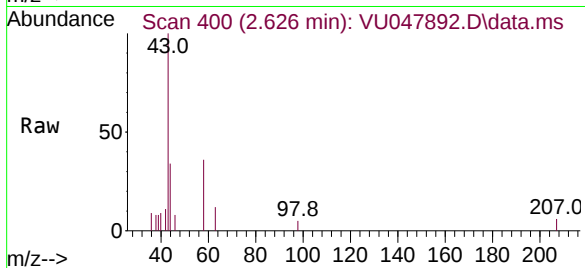
C0J82

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

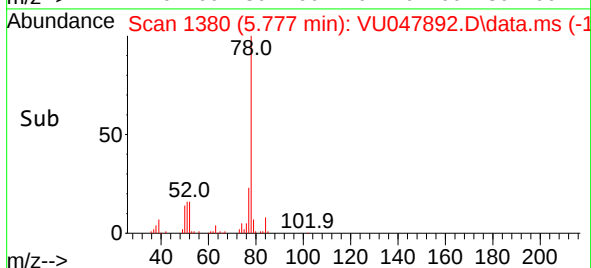
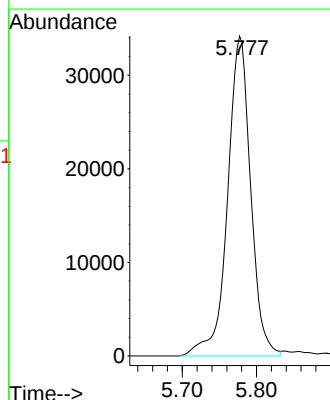
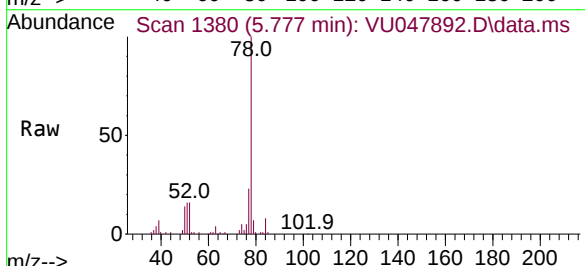
RT: 5.777 min Scan# 1380

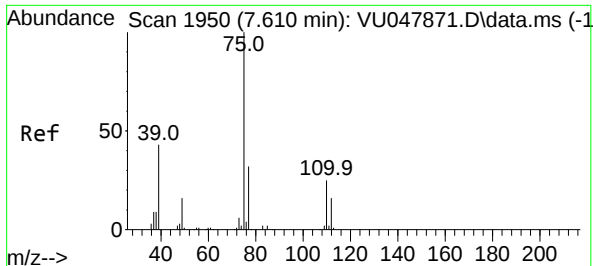
Delta R.T. 0.000 min

Lab File: VU047892.D

Acq: 09 Apr 2022 01:06

Tgt Ion: 78 Resp: 73902





#39

cis-1,3-Dichloropropene

Concen: 0.932 ug/L

RT: 7.568 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU047892.D

Acq: 09 Apr 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

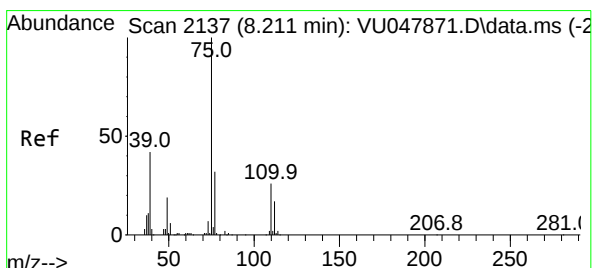
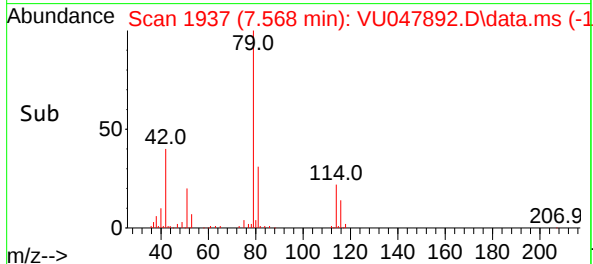
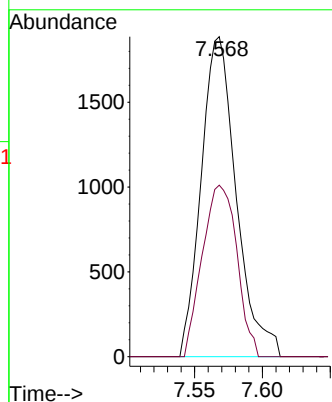
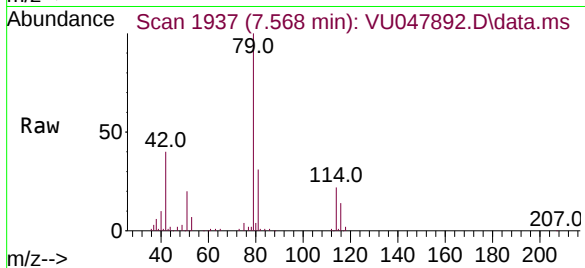
C0J82

Tgt Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

77 53.6 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU047892.D

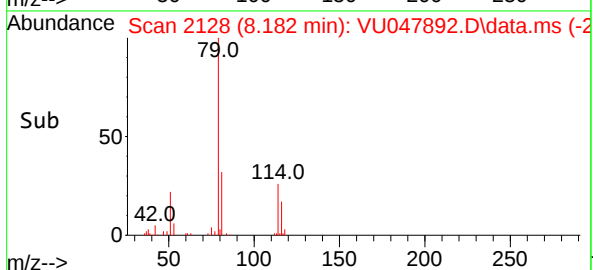
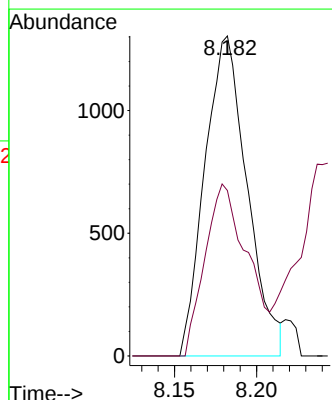
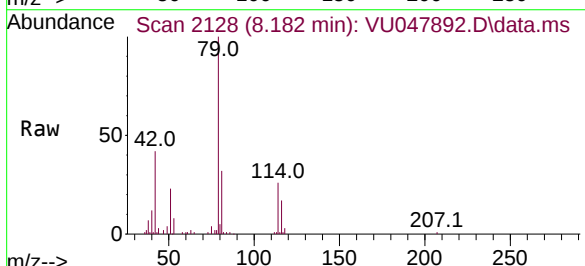
Acq: 09 Apr 2022 01:06

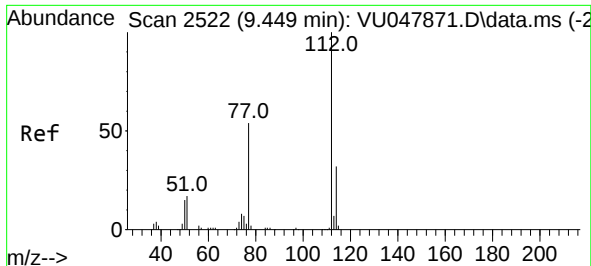
Tgt Ion: 75 Resp: 2332

Ion Ratio Lower Upper

75 100

77 51.7 22.0 40.8#

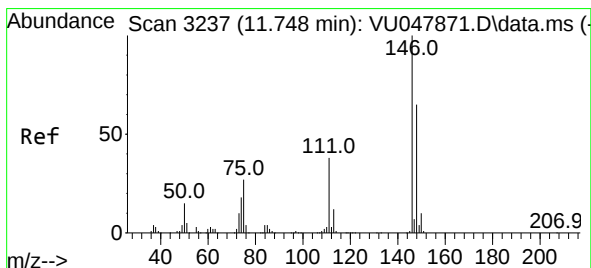
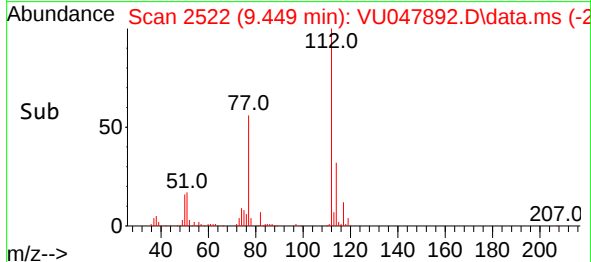
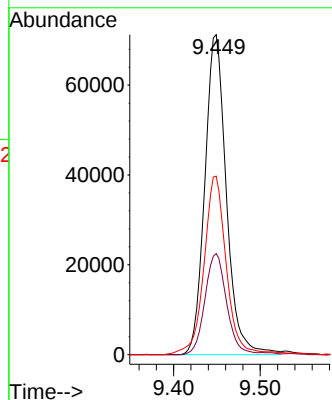
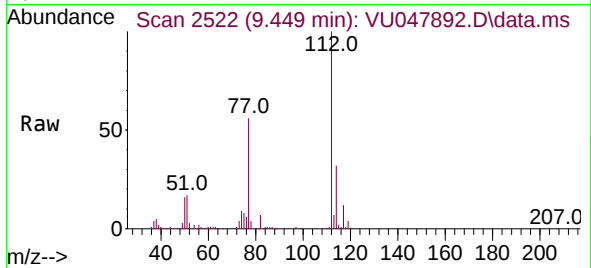




#51
Chlorobenzene
Concen: 17.893 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

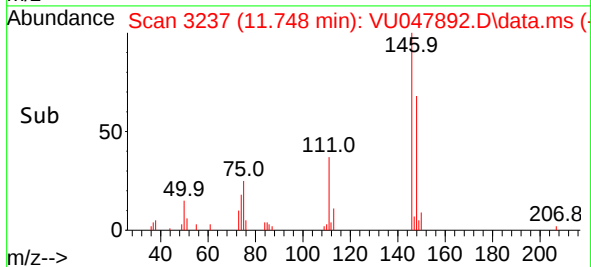
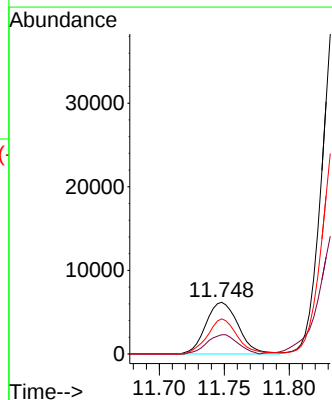
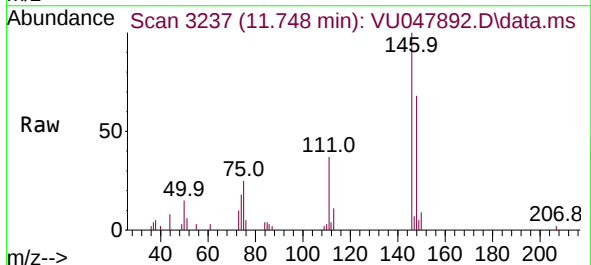
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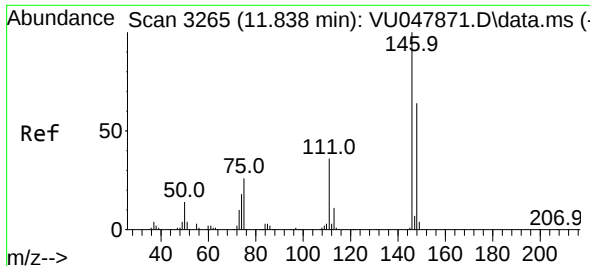
Tgt Ion:112 Resp: 123212
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 55.8 43.4 65.0



#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

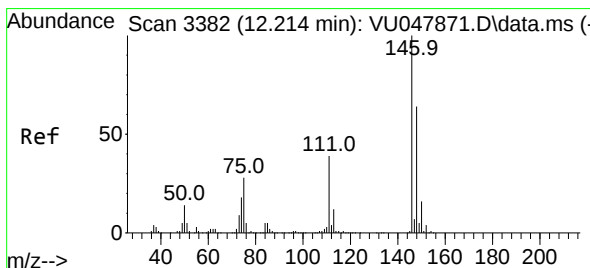
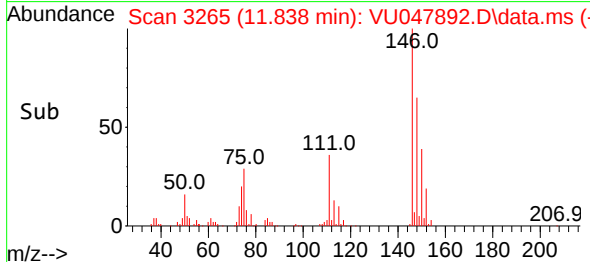
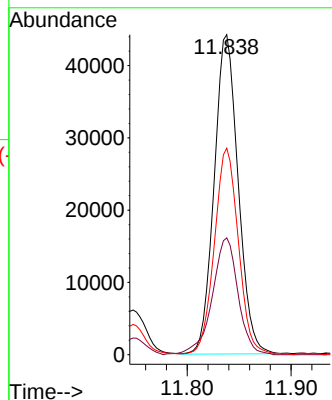
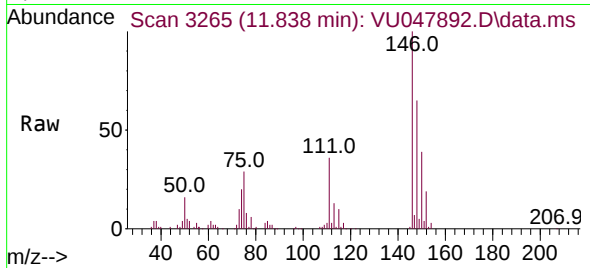




#65
1,4-Dichlorobenzene
Concen: 14.081 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047892.D
Acq: 09 Apr 2022 01:06

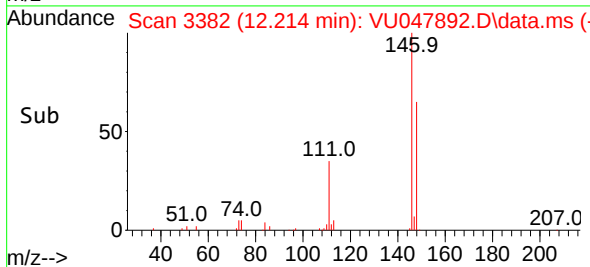
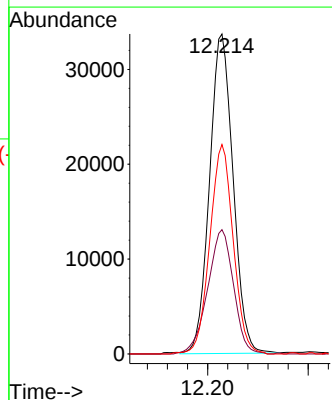
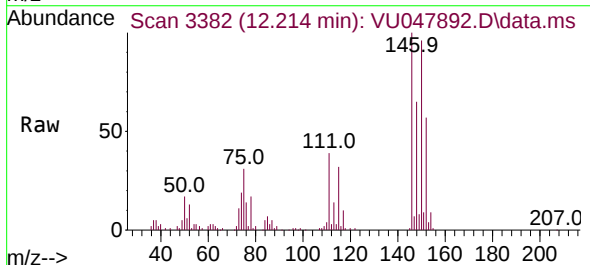
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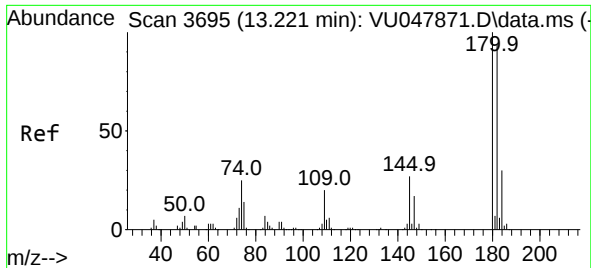
Tgt Ion:146 Resp: 71063
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 64.6 44.5 82.7



#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

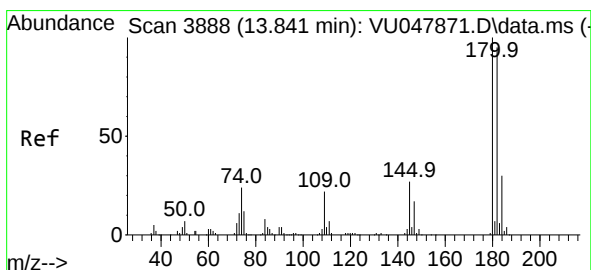
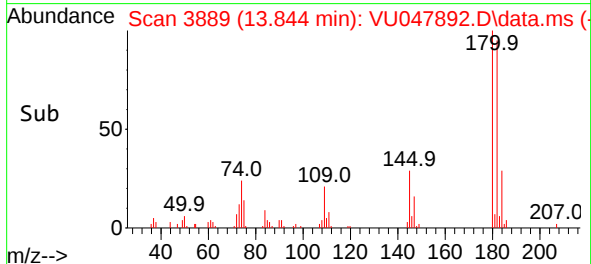
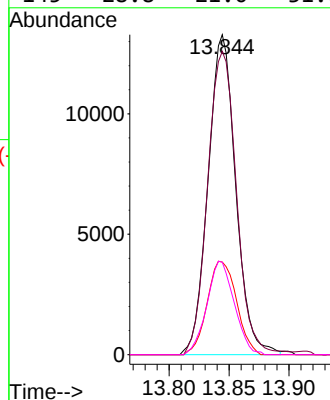
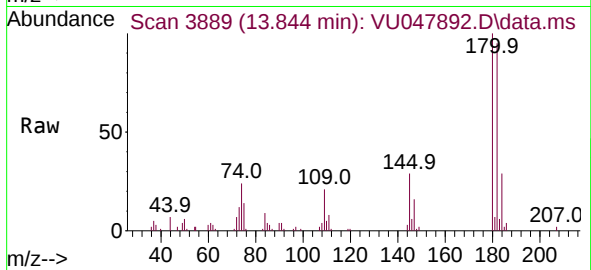




#69
 1,3,5-Trichlorobenzene
 Concen: 5.387 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU047892.D
 Acq: 09 Apr 2022 01:06

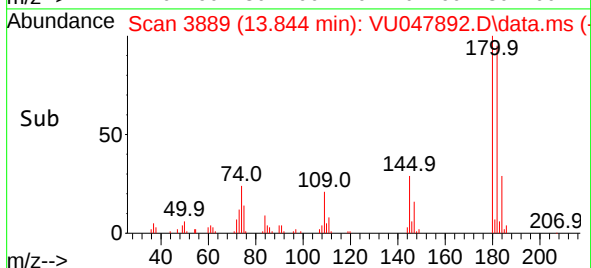
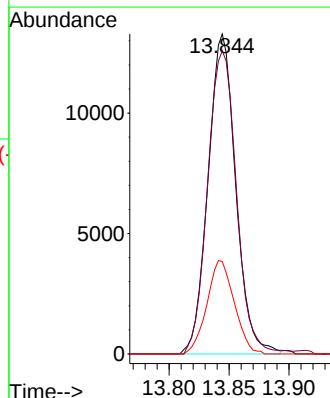
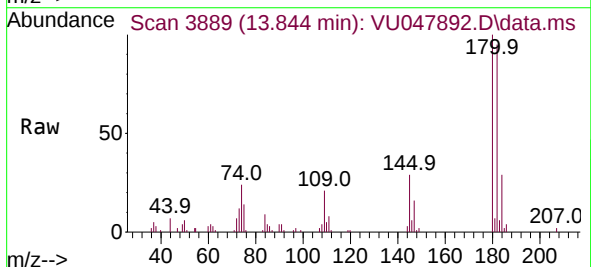
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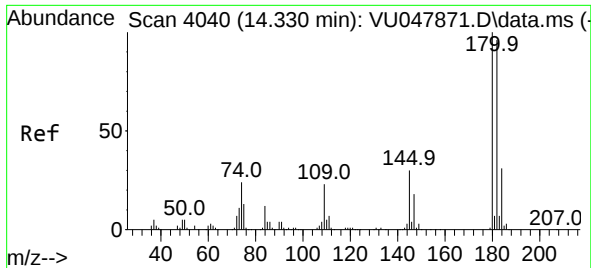
Tgt Ion:180	Resp:	21318
Ion Ratio	Lower	Upper
180	100	
182	98.2	77.0 115.6
184	30.9	24.5 36.7
145	28.8	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 6.150 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU047892.D
 Acq: 09 Apr 2022 01:06

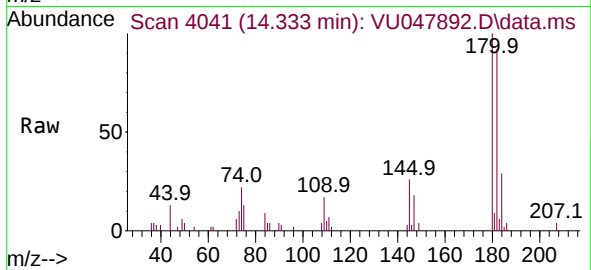
Tgt Ion:180	Resp:	21318
Ion Ratio	Lower	Upper
180	100	
182	98.2	76.2 114.2
145	28.8	21.8 32.8





#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

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J82



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

