

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048089.D
 Acq On : 15 Apr 2022 03:16
 Operator : SY/MD
 Sample : N2419-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J52

Quant Time: Apr 15 05:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

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

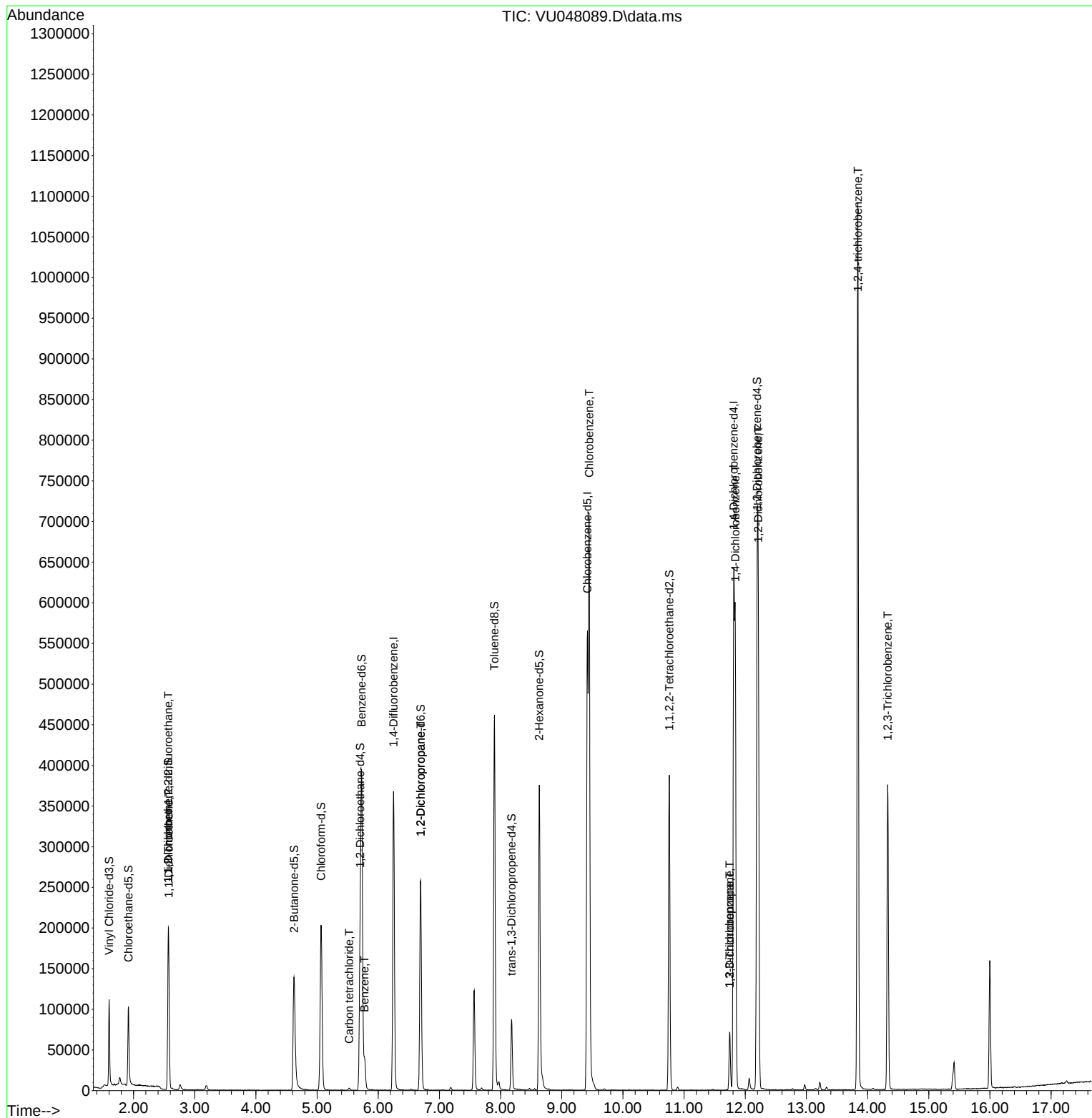
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	314513	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	331052	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	78708	34.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.020%		
7) Chloroethane-d5	1.916	69	76931	42.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.560%		
11) 1,1-Dichloroethene-d2	2.568	63	113080	27.099	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.200%#		
21) 2-Butanone-d5	4.623	46	194932	99.577	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.580%		
24) Chloroform-d	5.067	84	191705	45.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.880%		
26) 1,2-Dichloroethane-d4	5.703	65	122971	48.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
32) Benzene-d6	5.729	84	369988	44.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.840%		
36) 1,2-Dichloropropane-d6	6.693	67	127289	49.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.520%		
41) Toluene-d8	7.899	98	317004	39.059	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.120%#		
43) trans-1,3-Dichloroprop...	8.179	79	49059	37.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.700%		
47) 2-Hexanone-d5	8.632	63	126417	84.412	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.410%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	187551	42.718	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	150508	48.519	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.040%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1056	0.456	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	955	0.443	ug/L #	1
31) Carbon tetrachloride	5.523	117	1663	0.491	ug/L	92
33) Benzene	5.774	78	32635	3.406	ug/L	100
37) 1,2-Dichloropropane	6.693	63	12753	5.235	ug/L #	87
51) Chlorobenzene	9.449	112	393055	55.057	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	8432	2.565	ug/L #	49
64) 1,3-Dichlorobenzene	11.748	146	32458	6.197	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	229417	42.288	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	234512	44.747	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	367639	98.672	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	130195	34.857	ug/L	99

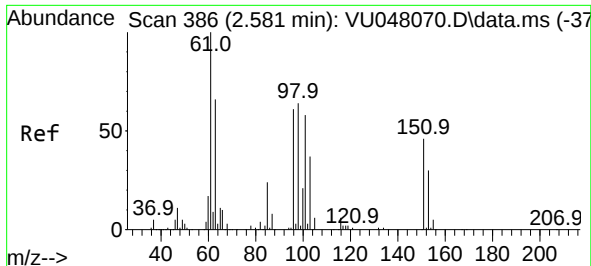
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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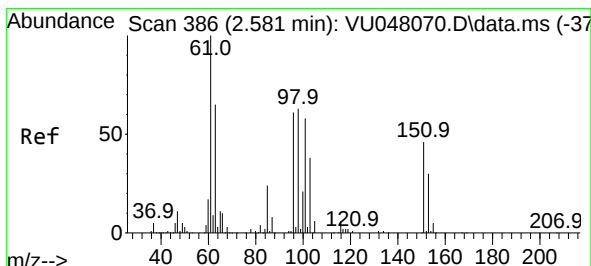
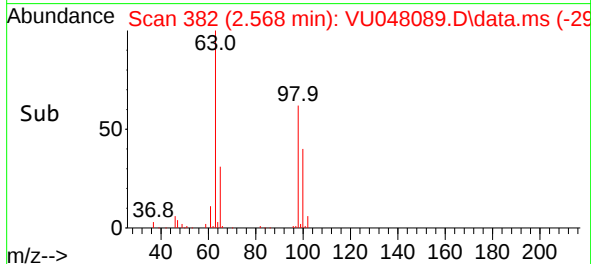
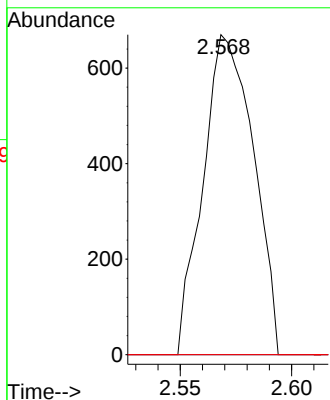
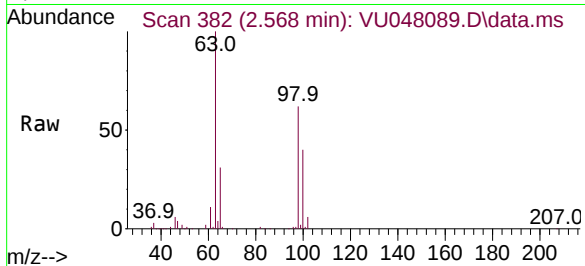




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.456 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU048089.D
 Acq: 15 Apr 2022 03:16

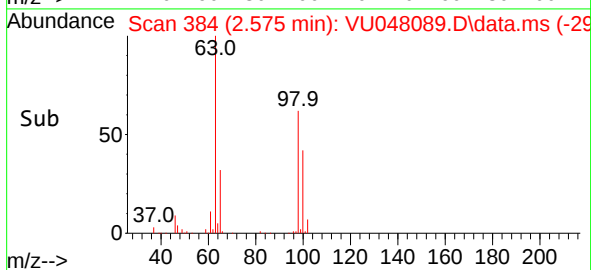
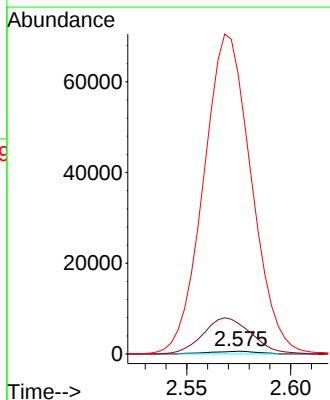
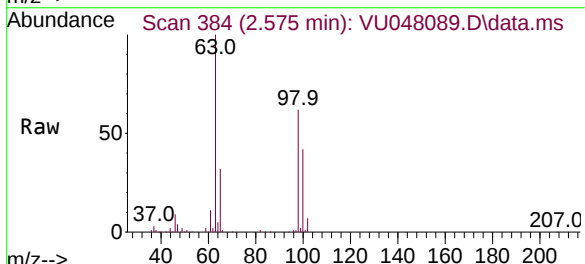
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J52

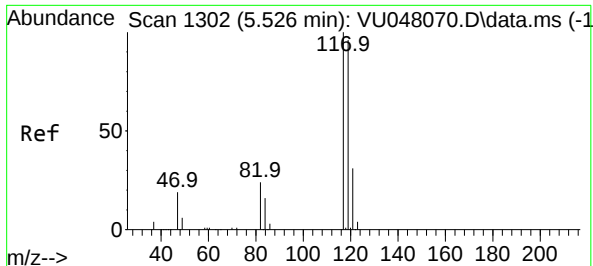
Tgt Ion:101 Resp: 1056
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.443 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU048089.D
 Acq: 15 Apr 2022 03:16

Tgt Ion: 96 Resp: 955
 Ion Ratio Lower Upper
 96 100
 61 1154.8 113.1 210.1#
 63 10514.3 94.8 176.0#

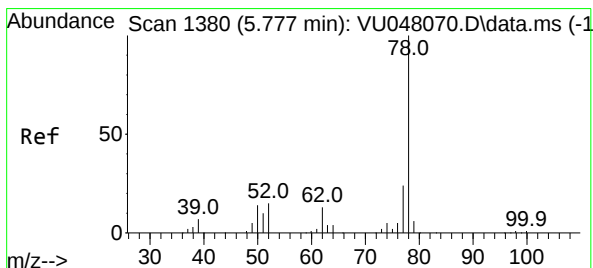
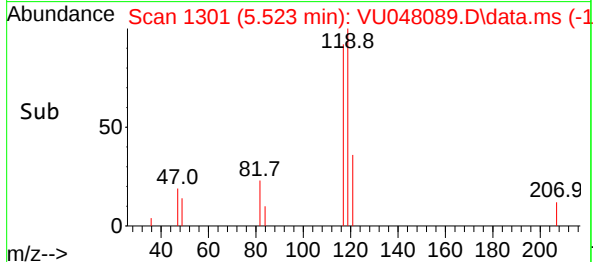
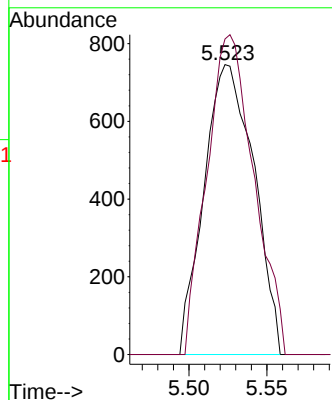
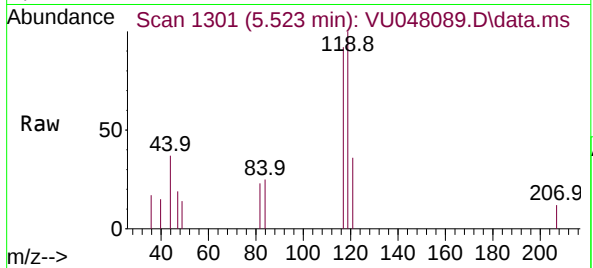




#31
Carbon tetrachloride
Concen: 0.491 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048089.D
Acq: 15 Apr 2022 03:16

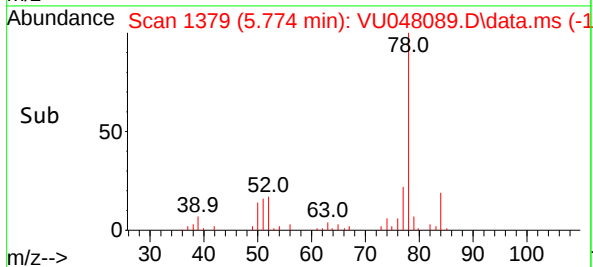
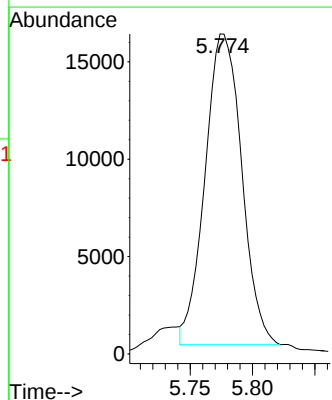
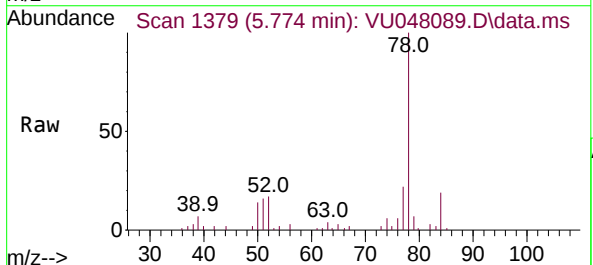
Instrument :
MSVOA_U
ClientSampleId :
C0J52

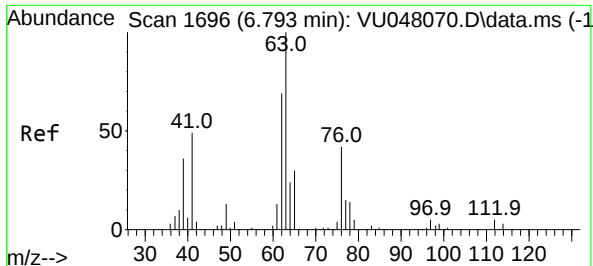
Tgt Ion:117 Resp: 1663
Ion Ratio Lower Upper
117 100
119 104.0 77.2 115.8



#33
Benzene
Concen: 3.406 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048089.D
Acq: 15 Apr 2022 03:16

Tgt Ion: 78 Resp: 32635





#37

1,2-Dichloropropane

Concen: 5.235 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048089.D

Acq: 15 Apr 2022 03:16

Instrument :

MSVOA_U

ClientSampleId :

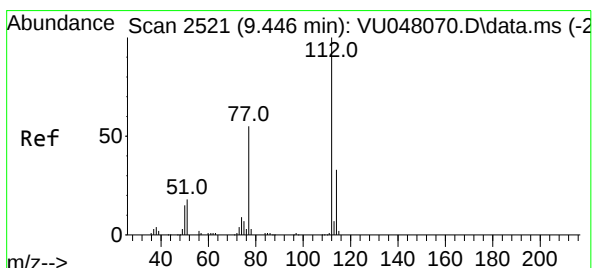
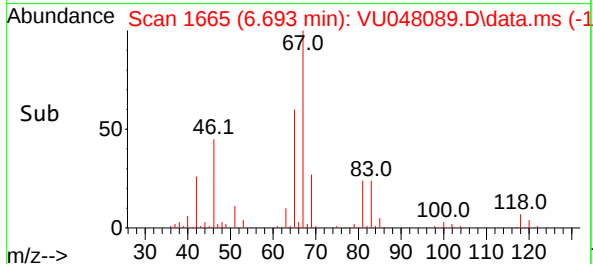
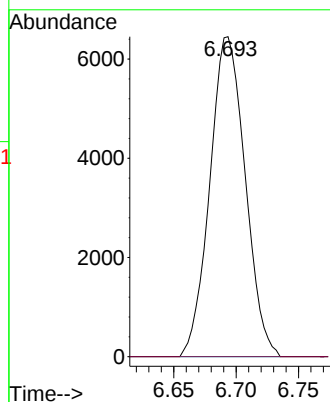
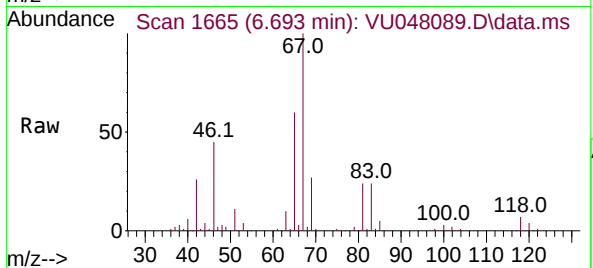
C0J52

Tgt Ion: 63 Resp: 12753

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#51

Chlorobenzene

Concen: 55.057 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048089.D

Acq: 15 Apr 2022 03:16

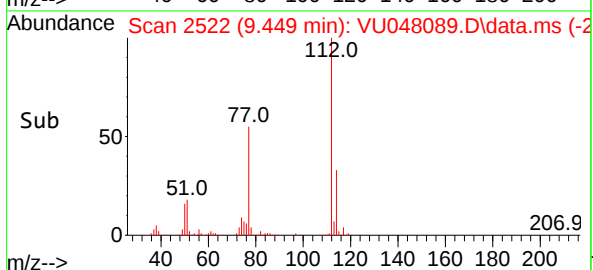
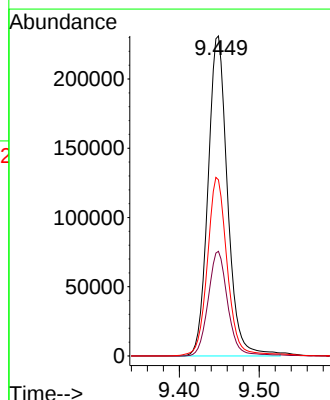
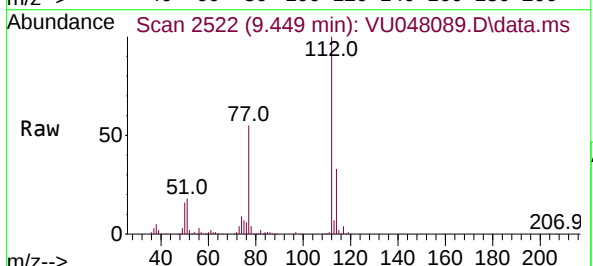
Tgt Ion: 112 Resp: 393055

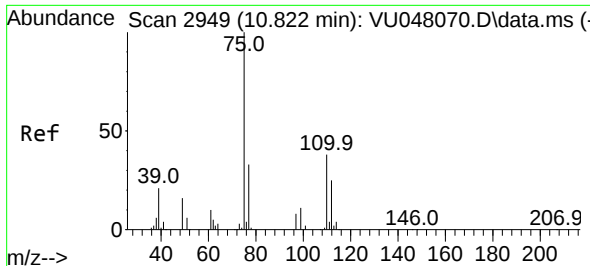
Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

77 55.0 43.4 65.0

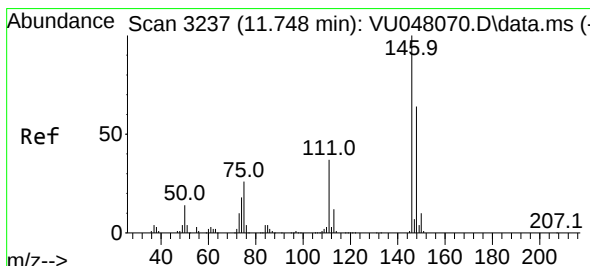
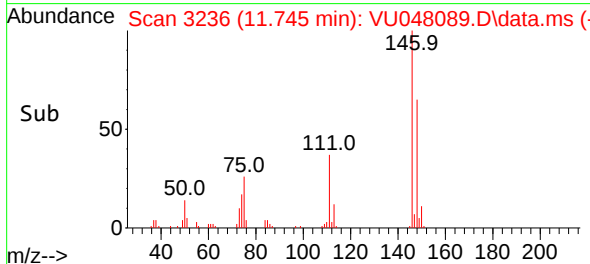
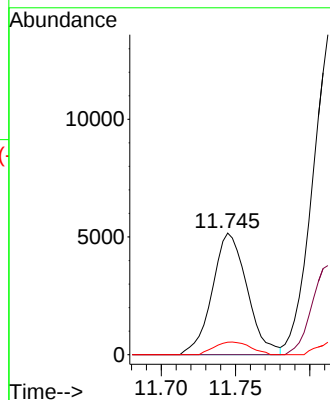
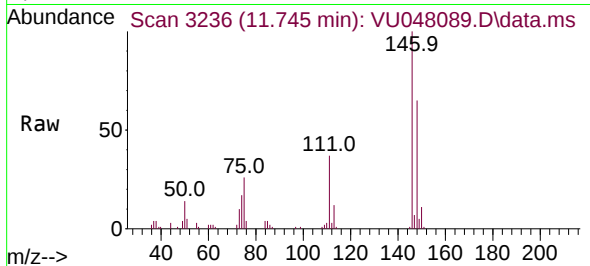




#60
1,2,3-Trichloropropane
Concen: 2.565 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.923 min
Lab File: VU048089.D
Acq: 15 Apr 2022 03:16

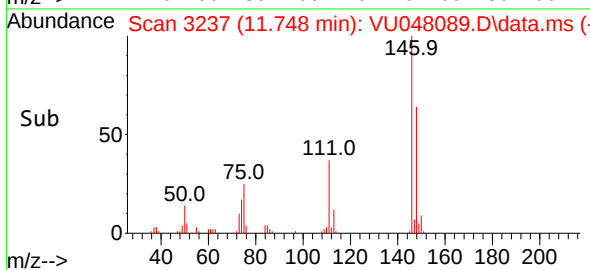
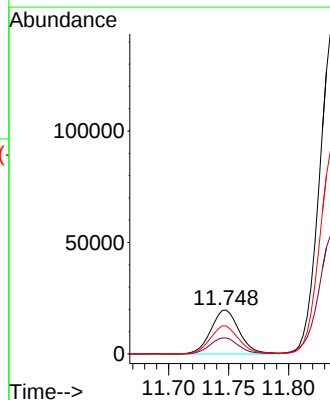
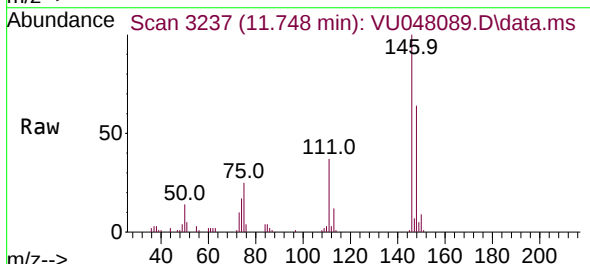
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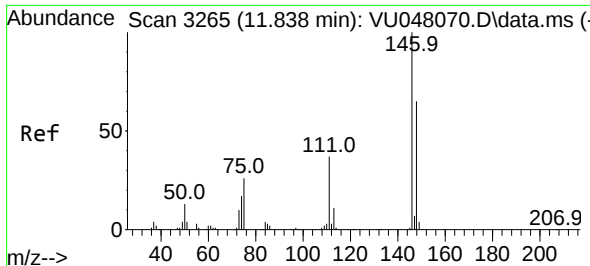
Tgt Ion: 75 Resp: 8432
Ion Ratio Lower Upper
75 100
77 0.8 26.0 39.0#
110 10.8 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 6.197 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU048089.D
Acq: 15 Apr 2022 03:16

Tgt Ion: 146 Resp: 32458
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.7
148 63.5 44.4 82.5

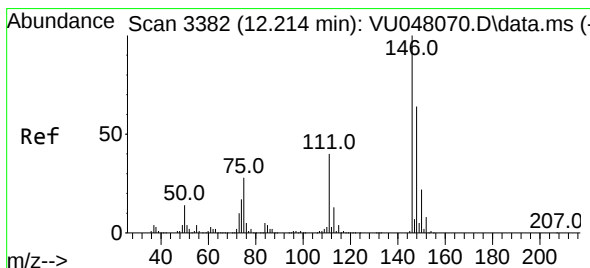
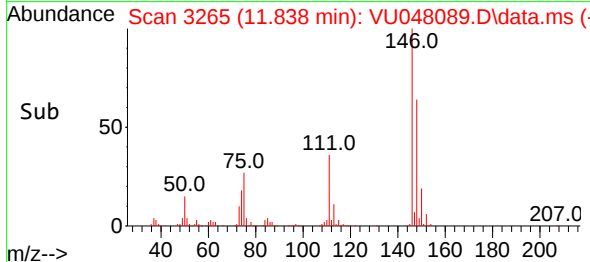
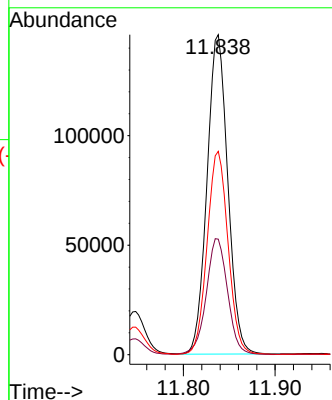
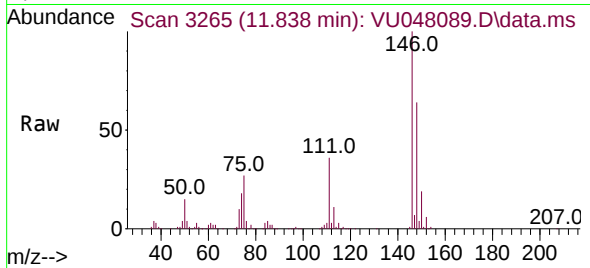




#65
1,4-Dichlorobenzene
Concen: 42.288 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048089.D
Acq: 15 Apr 2022 03:16

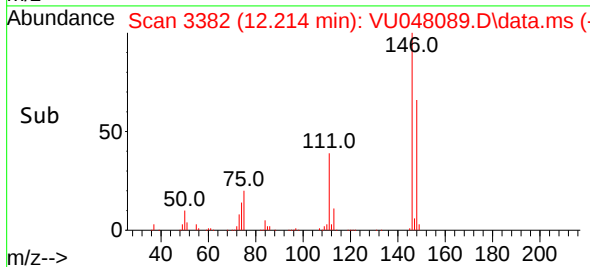
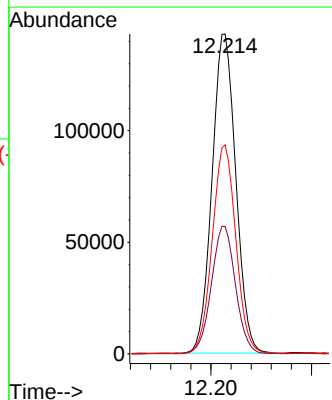
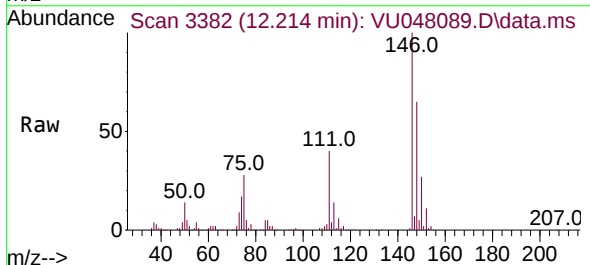
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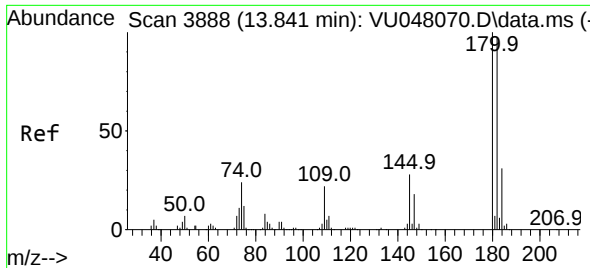
Tgt Ion:146 Resp: 229417
Ion Ratio Lower Upper
146 100
111 36.1 25.3 47.1
148 63.6 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 44.747 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048089.D
Acq: 15 Apr 2022 03:16

Tgt Ion:146 Resp: 234512
Ion Ratio Lower Upper
146 100
111 39.8 31.7 47.5
148 65.3 51.4 77.2

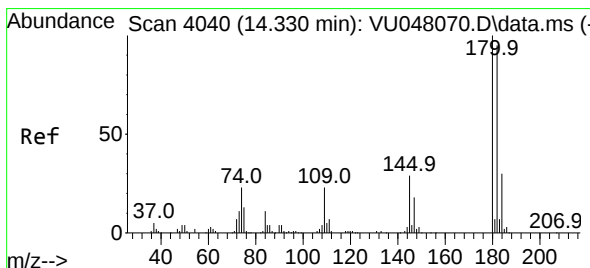
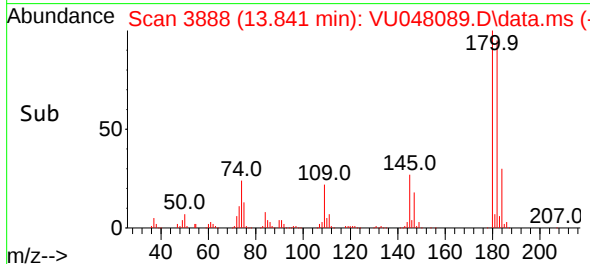
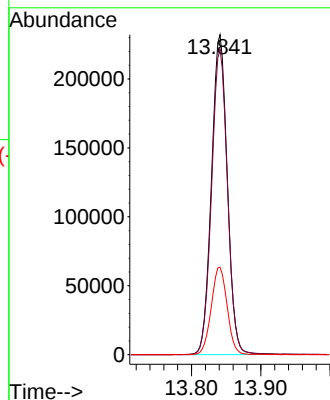
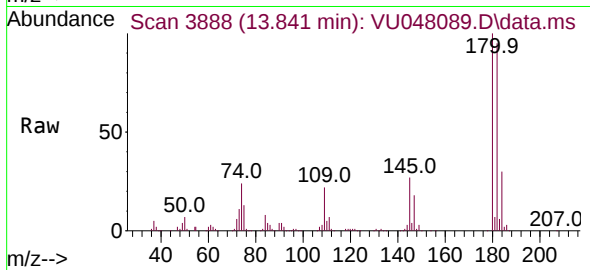




#70
1,2,4-trichlorobenzene
Concen: 98.672 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
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Acq: 15 Apr 2022 03:16

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:180 Resp: 367639
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 27.4 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 34.857 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048089.D
Acq: 15 Apr 2022 03:16

Tgt Ion:180 Resp: 130195
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.0
145 28.8 22.8 34.2

