

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048192.D
 Acq On : 21 Apr 2022 23:18
 Operator : SY/MD
 Sample : N2485-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J24

Quant Time: Apr 22 06:36:14 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)

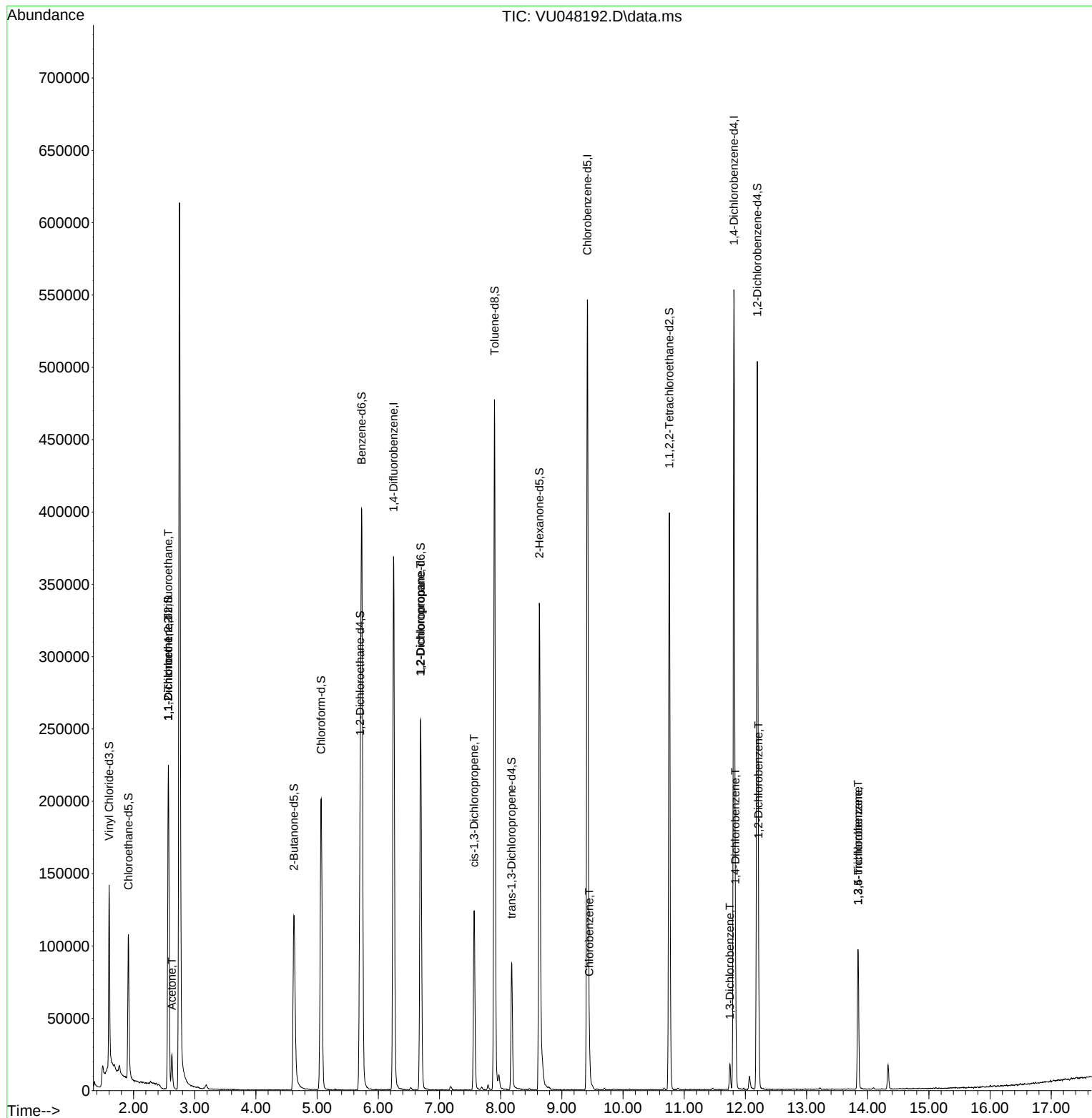
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	316477	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	332119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	160133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	92901	40.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.960%
7) Chloroethane-d5	1.916	69	81901	45.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	2.568	63	127452	30.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.700%
21) 2-Butanone-d5	4.620	46	180451	91.607	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.610%
24) Chloroform-d	5.067	84	194983	46.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
26) 1,2-Dichloroethane-d4	5.703	65	120323	46.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.729	84	382106	45.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	6.693	67	129172	50.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.660%
41) Toluene-d8	7.899	98	326587	40.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.220%
43) trans-1,3-Dichloroprop...	8.179	79	50583	38.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.800%
47) 2-Hexanone-d5	8.632	63	120041	79.897	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200598	45.543	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	141204	49.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.120%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1308	0.561	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	914	0.421	ug/L #	1
13) Acetone	2.626	43	25287	13.795	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13021	5.328	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2750	0.725	ug/L #	54
51) Chlorobenzene	9.449	112	13739	1.918	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	8313	1.728	ug/L	90
65) 1,4-Dichlorobenzene	11.838	146	30634	6.148	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	22936	4.765	ug/L	97
69) 1,3,5-Trichlorobenzene	13.841	180	32852	8.409	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	32852	9.601	ug/L	99

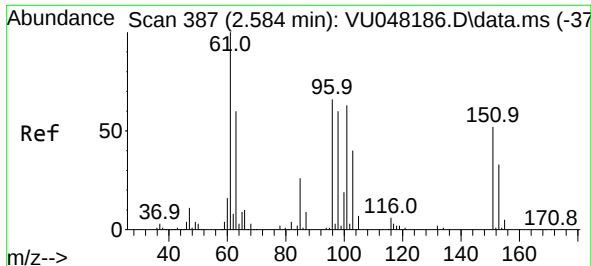
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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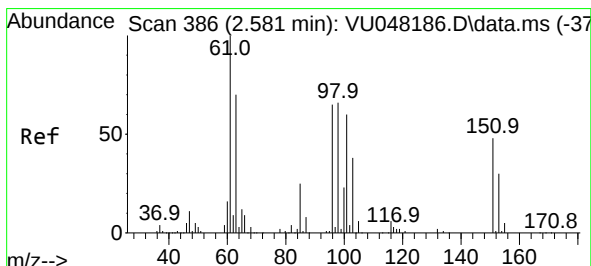
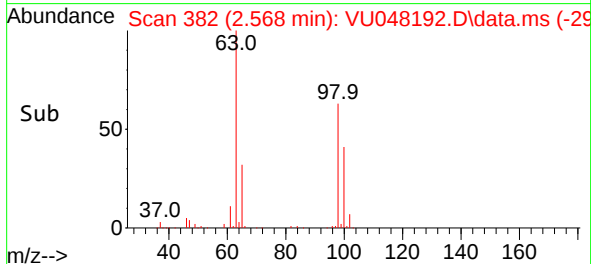
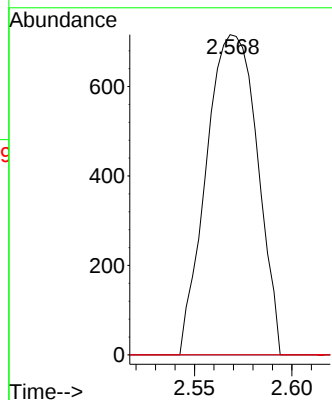
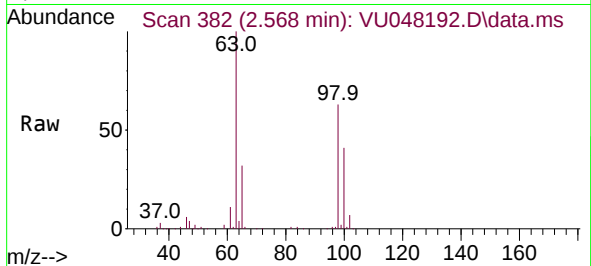




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.561 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048192.D
 Acq: 21 Apr 2022 23:18

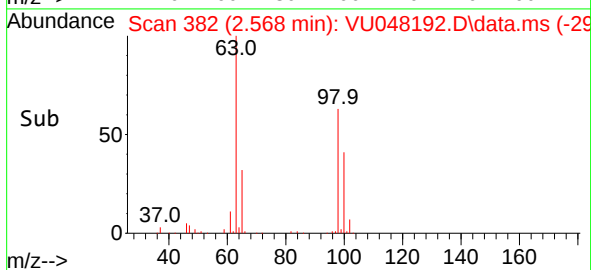
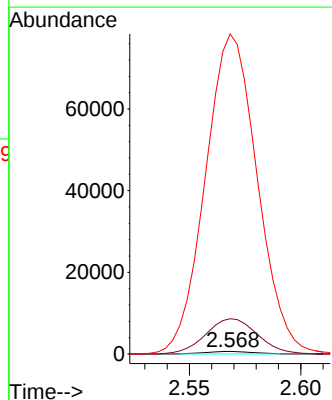
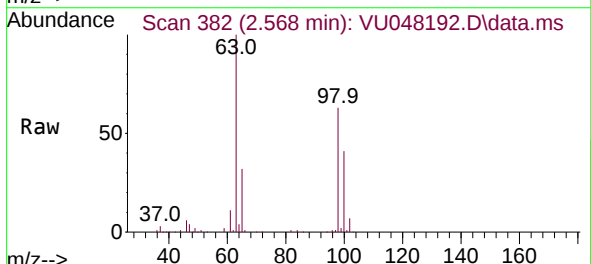
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J24

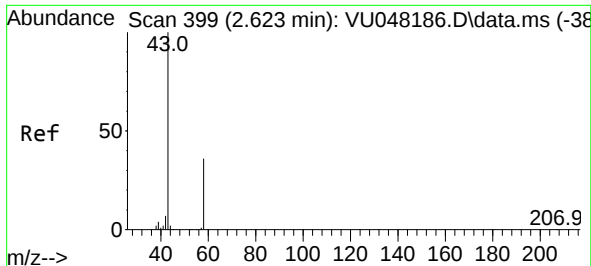
Tgt Ion:101 Resp: 1308
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.421 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048192.D
 Acq: 21 Apr 2022 23:18

Tgt Ion: 96 Resp: 914
 Ion Ratio Lower Upper
 96 100
 61 1381.1 113.1 210.1#
 63 12540.2 94.8 176.0#





#13

Acetone

Concen: 13.795 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048192.D

Acq: 21 Apr 2022 23:18

Instrument :

MSVOA_V

ClientSampleId :

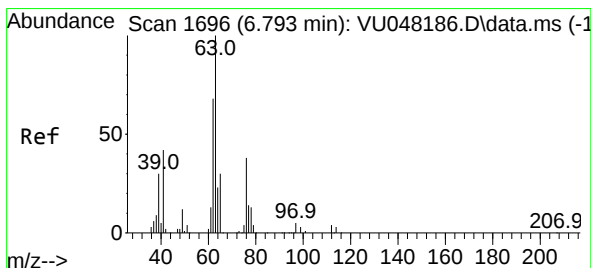
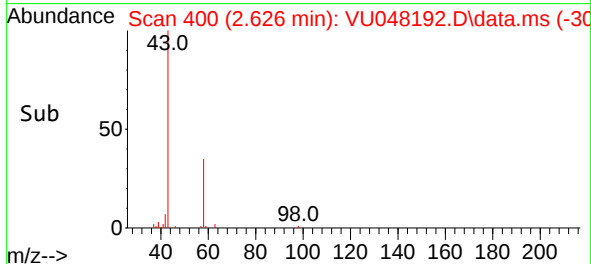
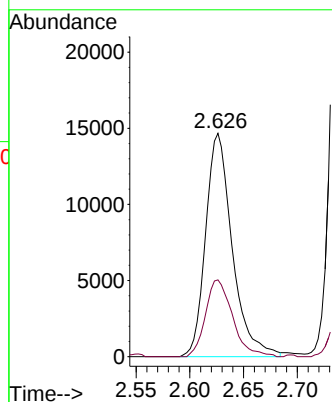
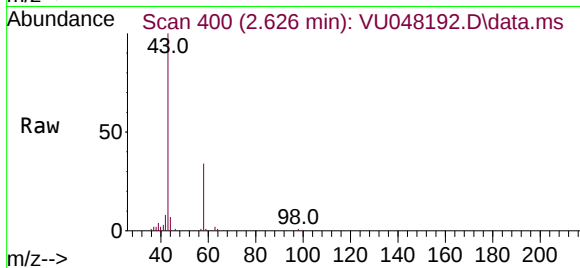
C0J24

Tgt Ion: 43 Resp: 25287

Ion Ratio Lower Upper

43 100

58 34.9 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.328 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048192.D

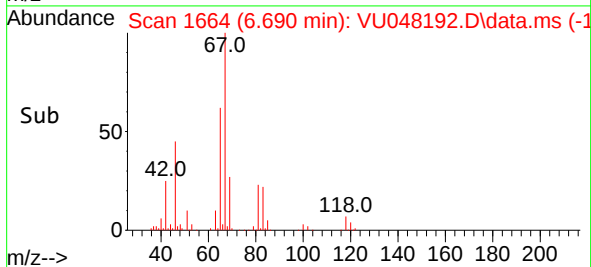
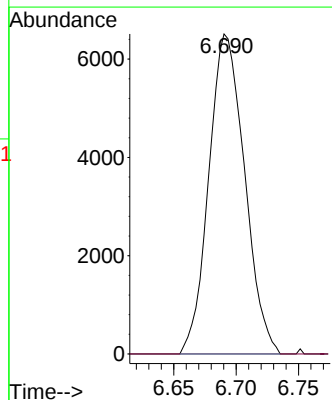
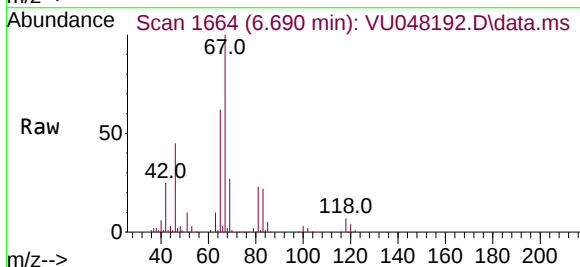
Acq: 21 Apr 2022 23:18

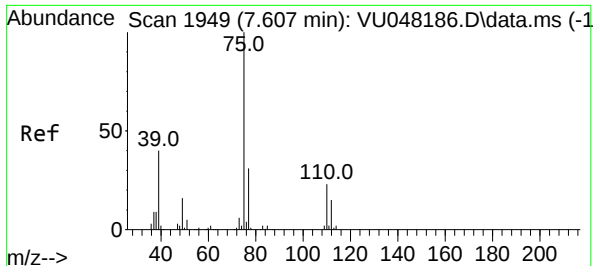
Tgt Ion: 63 Resp: 13021

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048192.D

Acq: 21 Apr 2022 23:18

Instrument :

MSVOA_V

ClientSampleId :

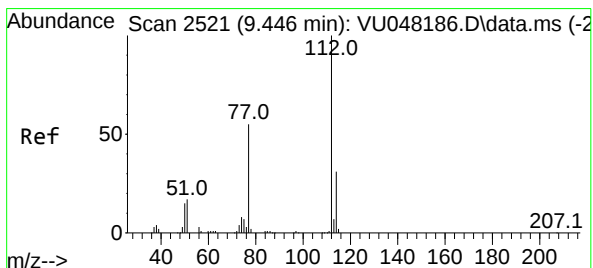
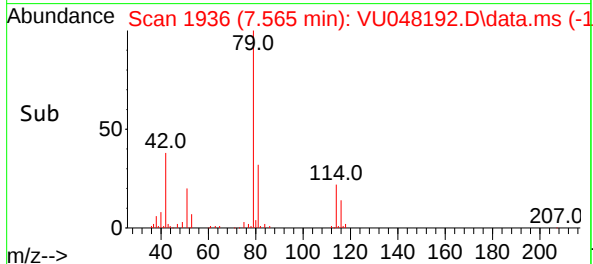
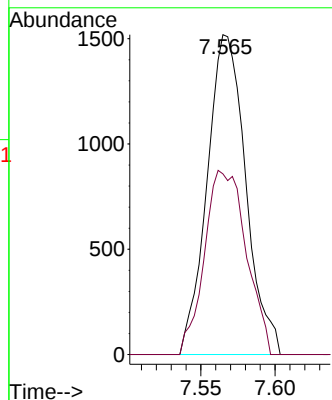
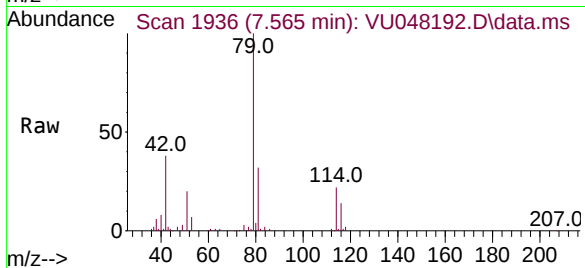
C0J24

Tgt Ion: 75 Resp: 2750

Ion Ratio Lower Upper

75 100

77 56.5 21.8 40.6#



#51

Chlorobenzene

Concen: 1.918 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048192.D

Acq: 21 Apr 2022 23:18

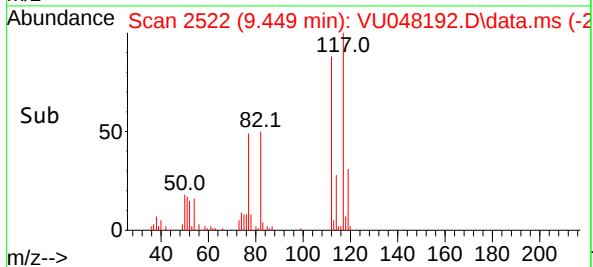
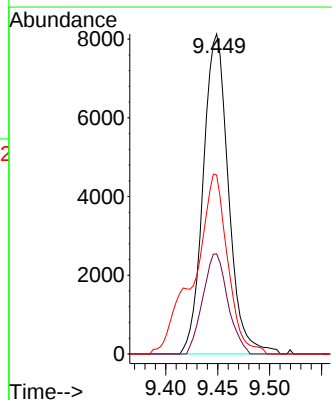
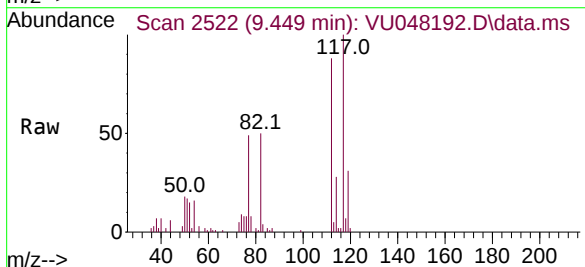
Tgt Ion: 112 Resp: 13739

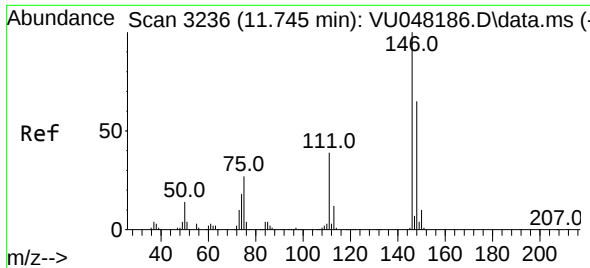
Ion Ratio Lower Upper

112 100

114 31.3 22.1 41.1

77 55.9 43.4 65.0

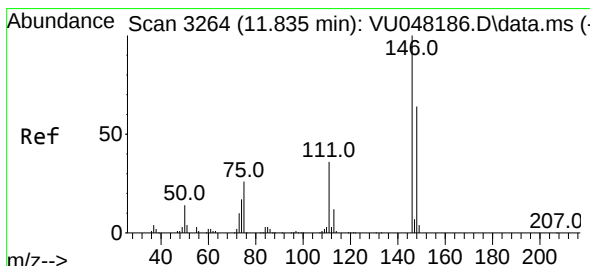
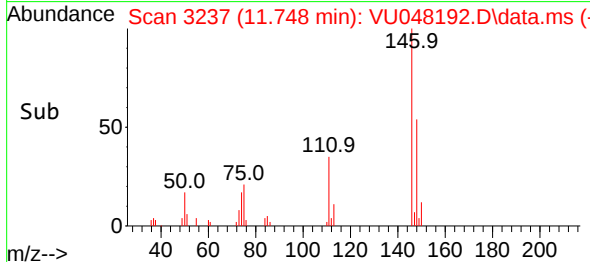
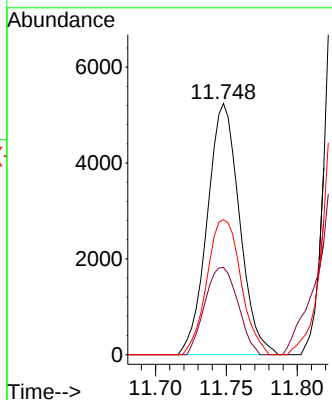
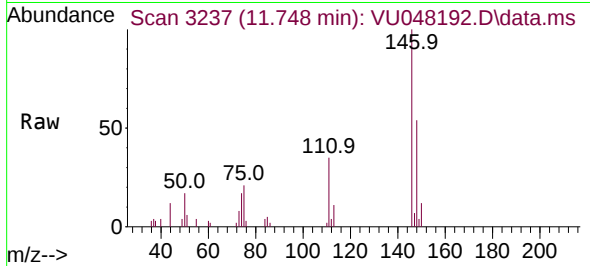




#64
1,3-Dichlorobenzene
Concen: 1.728 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048192.D
Acq: 21 Apr 2022 23:18

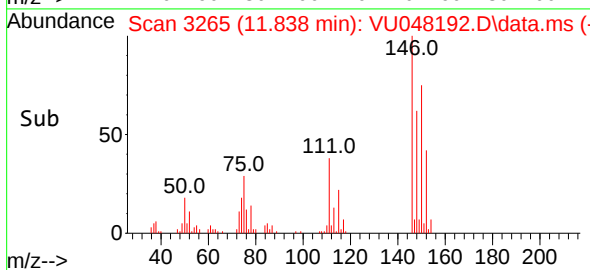
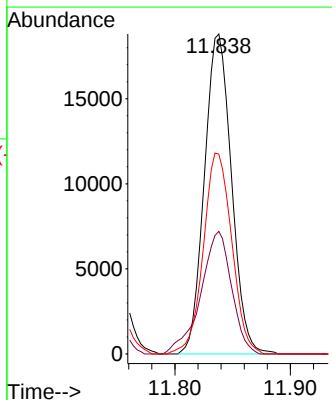
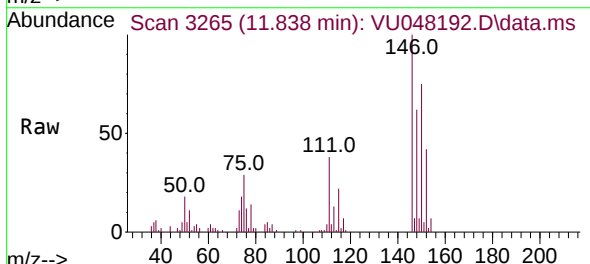
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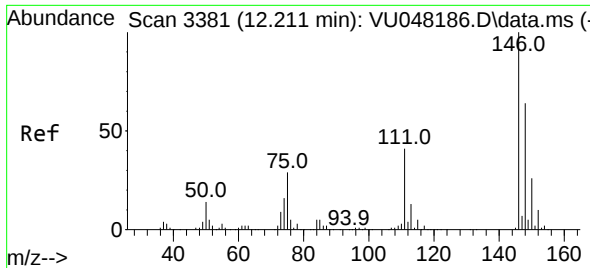
Tgt Ion:146 Resp: 8313
Ion Ratio Lower Upper
146 100
111 34.7 26.7 49.7
148 53.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 6.148 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048192.D
Acq: 21 Apr 2022 23:18

Tgt Ion:146 Resp: 30634
Ion Ratio Lower Upper
146 100
111 38.3 25.3 47.1
148 62.4 44.5 82.7

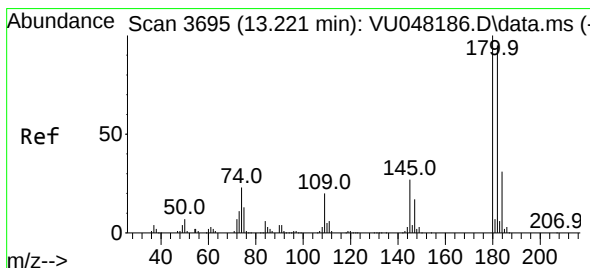
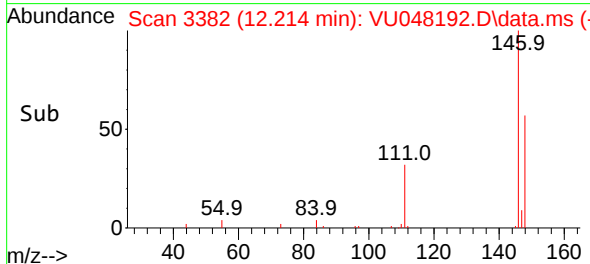
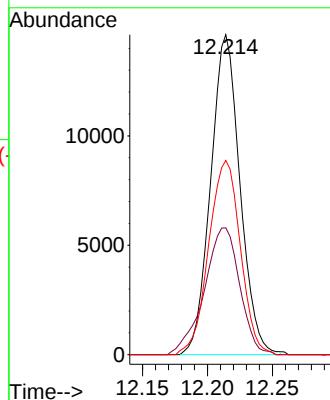
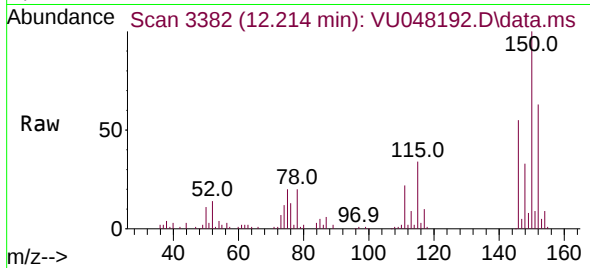




#67
1,2-Dichlorobenzene
Concen: 4.765 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048192.D
Acq: 21 Apr 2022 23:18

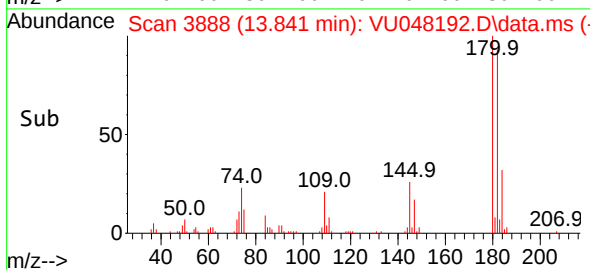
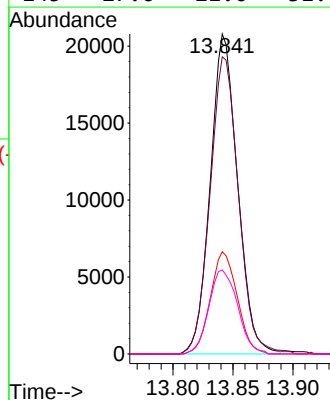
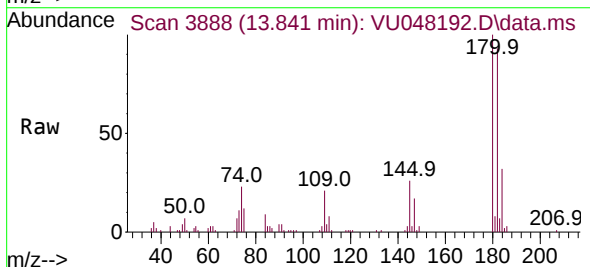
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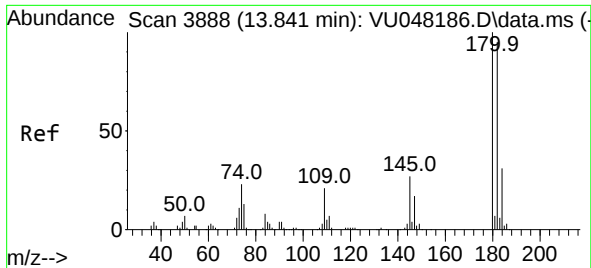
Tgt Ion:146 Resp: 22936
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 60.7 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 8.409 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048192.D
Acq: 21 Apr 2022 23:18

Tgt Ion:180 Resp: 32852
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
184 31.4 24.5 36.7
145 27.6 21.0 31.6





#70

1,2,4-trichlorobenzene

Concen: 9.601 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048192.D

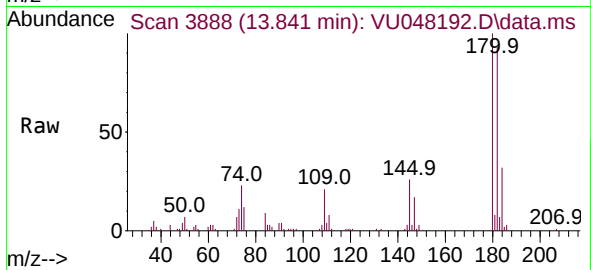
Acq: 21 Apr 2022 23:18

Instrument :

MSVOA_V

ClientSampleId :

C0J24



Tgt Ion:180 Resp: 32852

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.2

145 27.6 21.8 32.8

