

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048193.D
 Acq On : 21 Apr 2022 23:42
 Operator : SY/MD
 Sample : N2485-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J25

Quant Time: Apr 22 06:36:26 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)

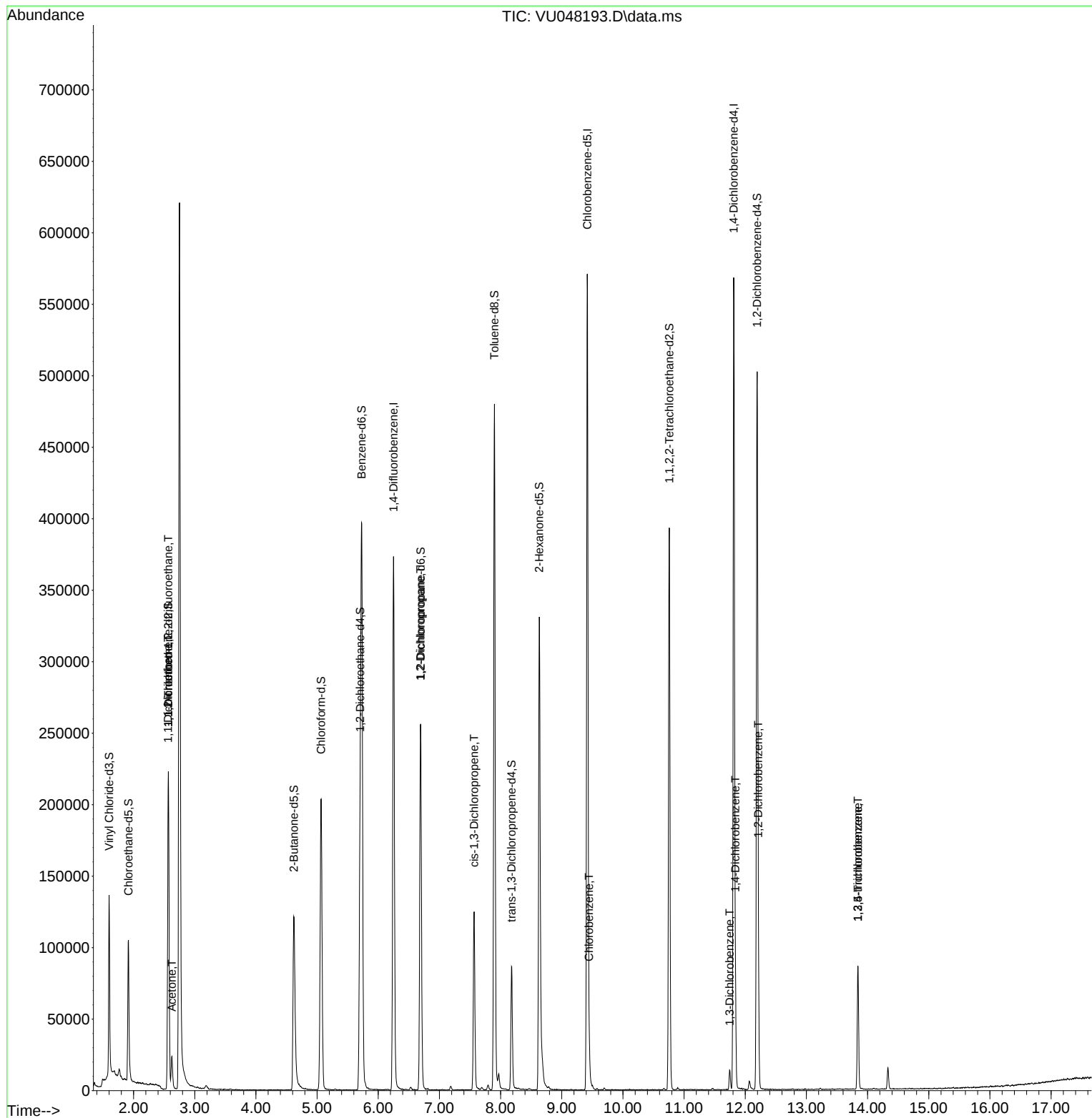
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	319224	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	340589	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161921	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	92534	39.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.940%
7) Chloroethane-d5	1.916	69	82019	44.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.860%
11) 1,1-Dichloroethene-d2	2.568	63	126682	29.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.820%#
21) 2-Butanone-d5	4.620	46	174656	87.902	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.900%
24) Chloroform-d	5.067	84	194194	45.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.700%
26) 1,2-Dichloroethane-d4	5.703	65	121614	46.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
32) Benzene-d6	5.729	84	383466	44.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	6.694	67	130601	49.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	7.899	98	324288	38.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.680%#
43) trans-1,3-Dichloroprop...	8.179	79	51008	38.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.500%
47) 2-Hexanone-d5	8.632	63	118490	76.904	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202488	44.829	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	142094	49.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.660%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1260	0.536	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	941	0.430	ug/L #	1
13) Acetone	2.626	43	24986	13.513	ug/L	98
37) 1,2-Dichloropropane	6.690	63	12605	5.030	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2766	0.711	ug/L #	63
51) Chlorobenzene	9.446	112	11956	1.628	ug/L	94
64) 1,3-Dichlorobenzene	11.745	146	6298	1.295	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	27740	5.506	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	22727	4.670	ug/L	97
69) 1,3,5-Trichlorobenzene	13.841	180	30794	7.795	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	30794	8.900	ug/L	97

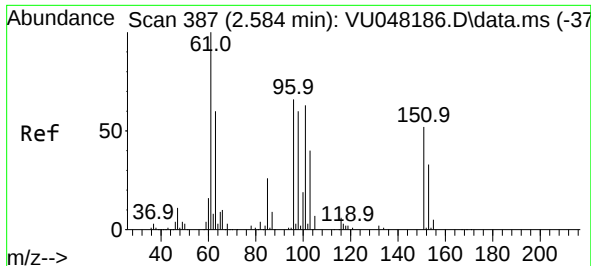
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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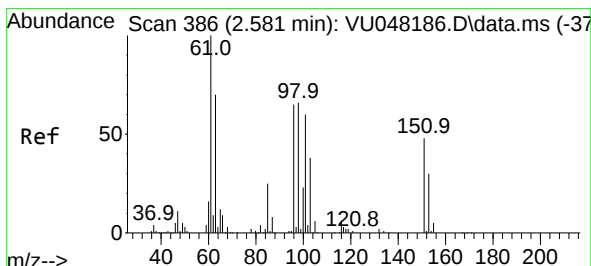
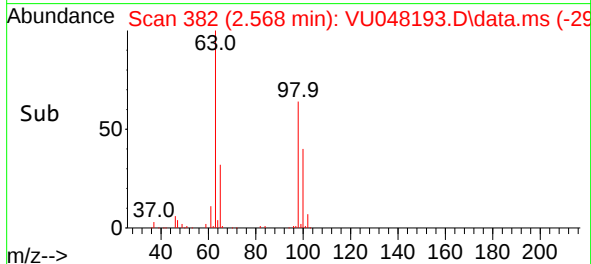
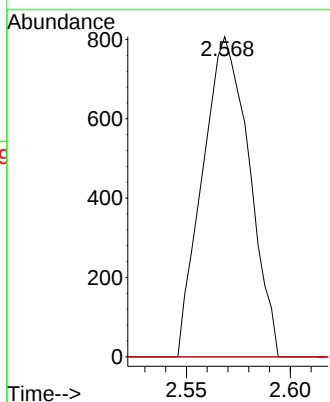
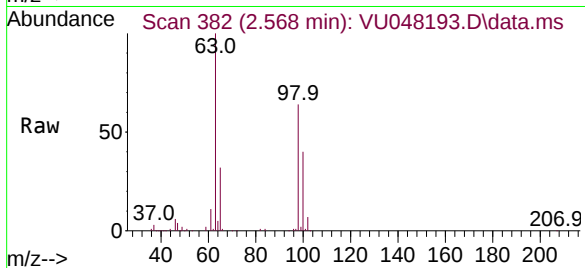




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.536 ug/L
RT: 2.568 min Scan# 387
Delta R.T. -0.016 min
Lab File: VU048193.D
Acq: 21 Apr 2022 23:42

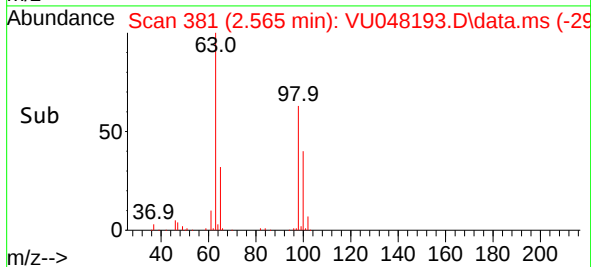
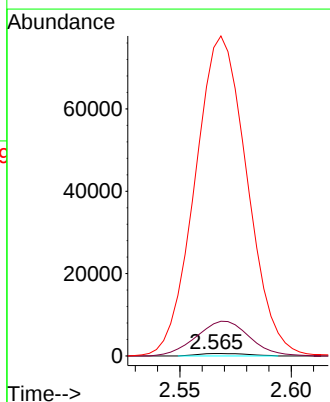
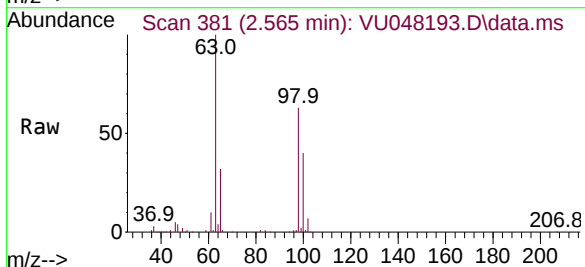
Instrument :
MSVOA_V
ClientSampleId :
C0J25

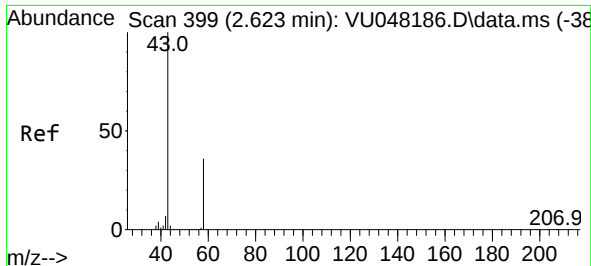
Tgt Ion:101 Resp: 1260
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.430 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048193.D
Acq: 21 Apr 2022 23:42

Tgt Ion: 96 Resp: 941
Ion Ratio Lower Upper
96 100
61 1321.0 113.1 210.1#
63 12692.9 94.8 176.0#





#13

Acetone

Concen: 13.513 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU048193.D

Acq: 21 Apr 2022 23:42

Instrument :

MSVOA_V

ClientSampleId :

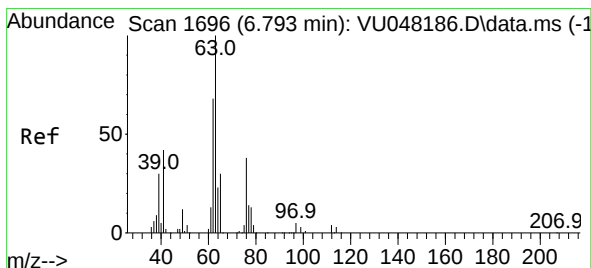
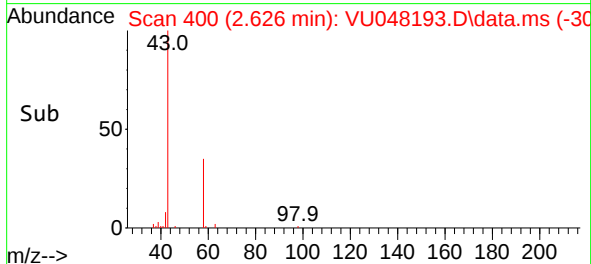
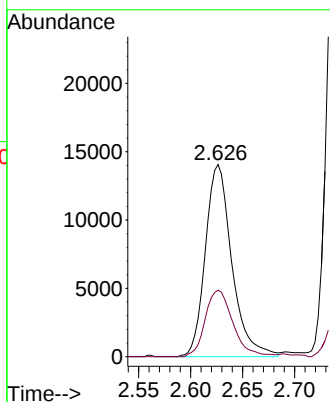
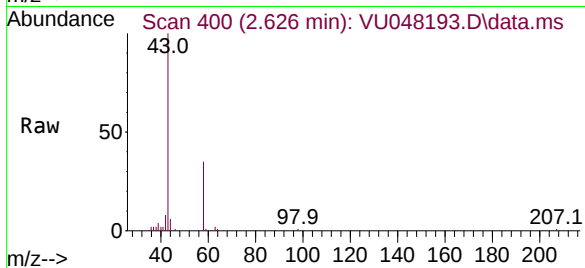
C0J25

Tgt Ion: 43 Resp: 24986

Ion Ratio Lower Upper

43 100

58 36.1 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.030 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048193.D

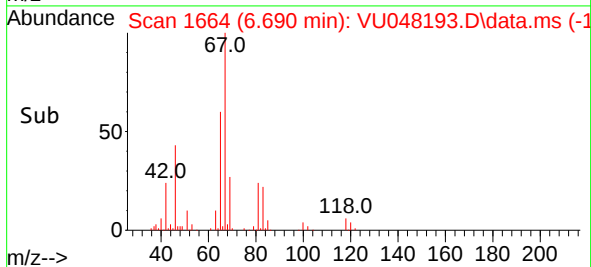
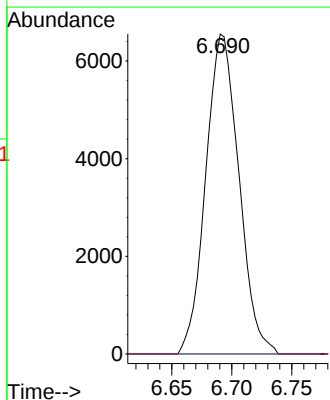
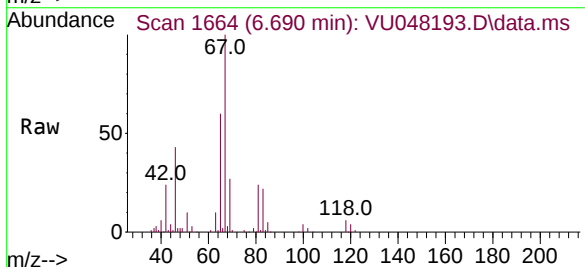
Acq: 21 Apr 2022 23:42

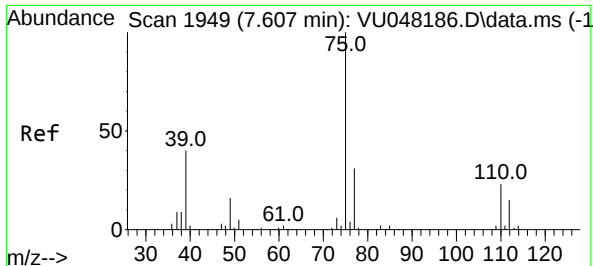
Tgt Ion: 63 Resp: 12605

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048193.D

Acq: 21 Apr 2022 23:42

Instrument :

MSVOA_V

ClientSampleId :

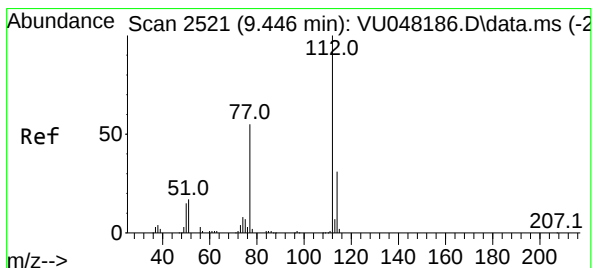
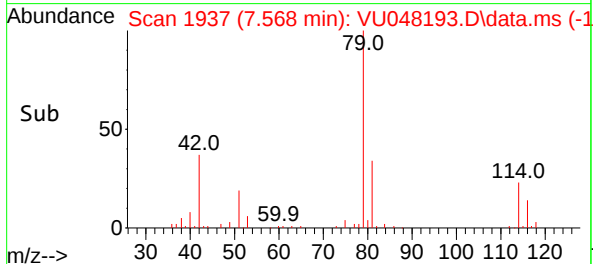
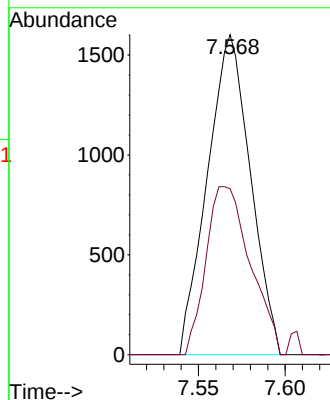
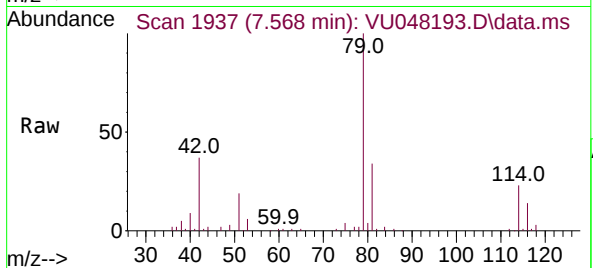
C0J25

Tgt Ion: 75 Resp: 2766

Ion Ratio Lower Upper

75 100

77 51.9 21.8 40.6#



#51

Chlorobenzene

Concen: 1.628 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU048193.D

Acq: 21 Apr 2022 23:42

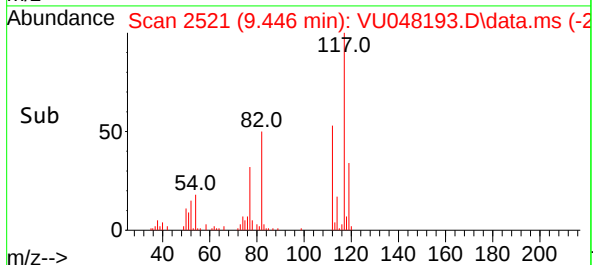
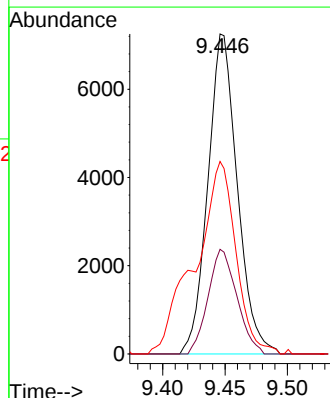
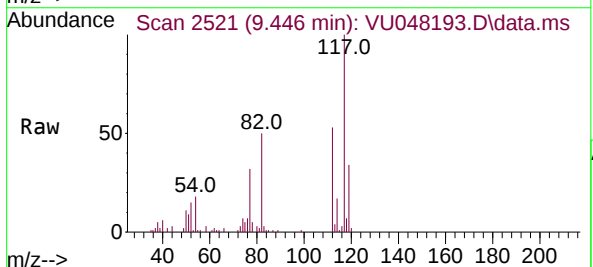
Tgt Ion: 112 Resp: 11956

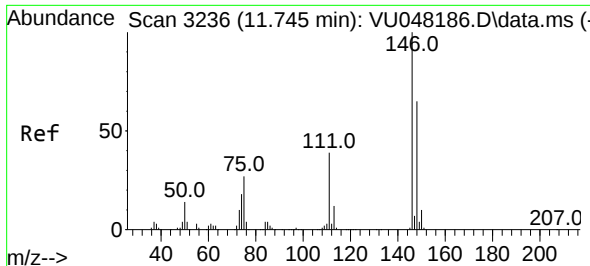
Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

77 60.1 43.4 65.0

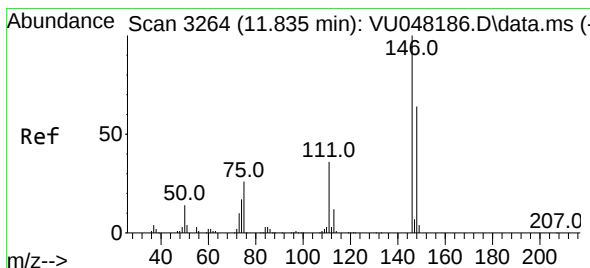
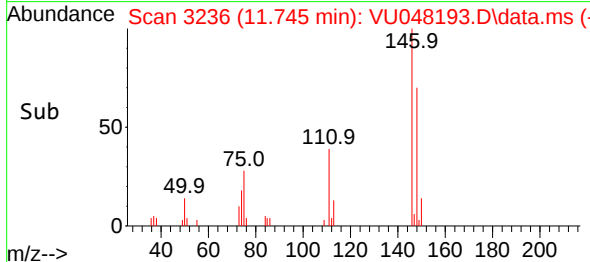
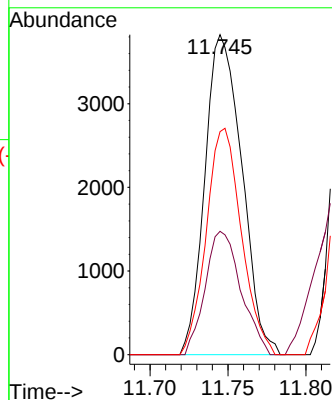
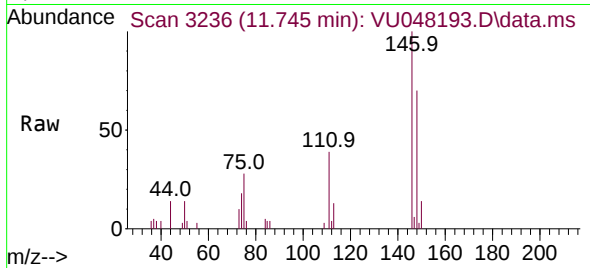




#64
1,3-Dichlorobenzene
Concen: 1.295 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048193.D
Acq: 21 Apr 2022 23:42

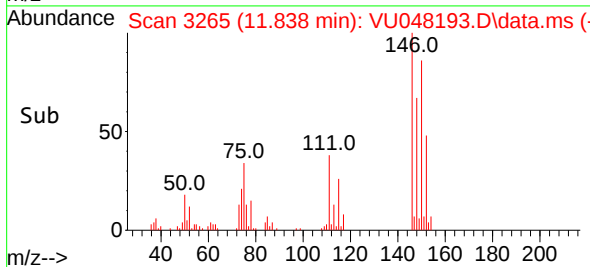
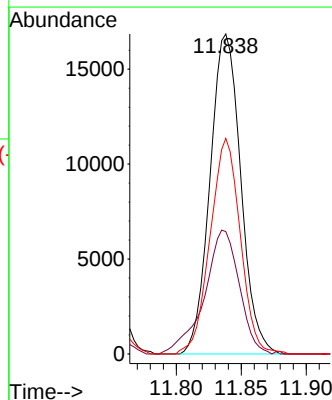
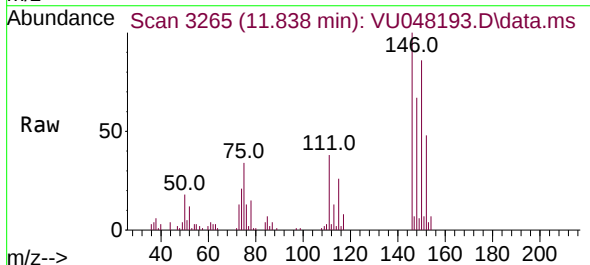
Instrument :
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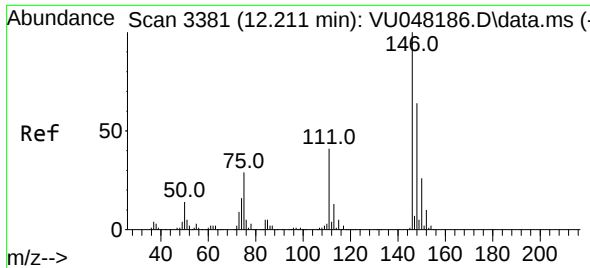
Tgt Ion:146 Resp: 6298
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 69.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.506 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048193.D
Acq: 21 Apr 2022 23:42

Tgt Ion:146 Resp: 27740
Ion Ratio Lower Upper
146 100
111 38.3 25.3 47.1
148 67.4 44.5 82.7

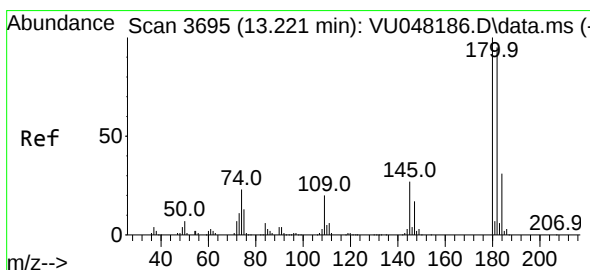
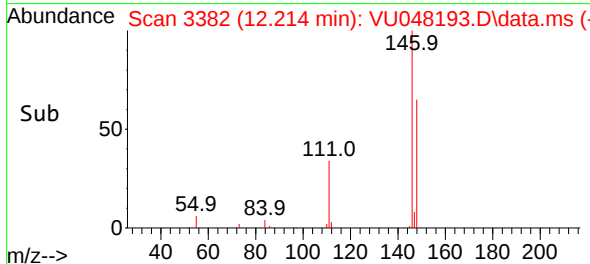
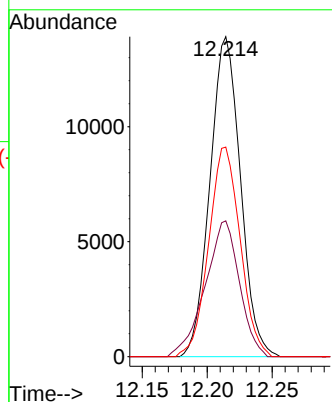
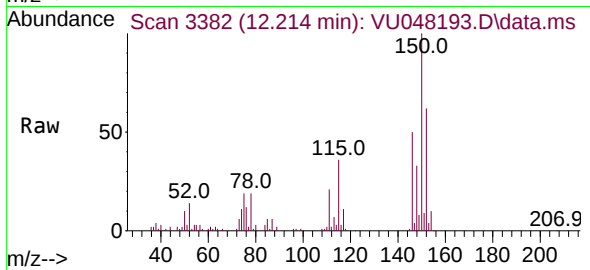




#67
1,2-Dichlorobenzene
Concen: 4.670 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048193.D
Acq: 21 Apr 2022 23:42

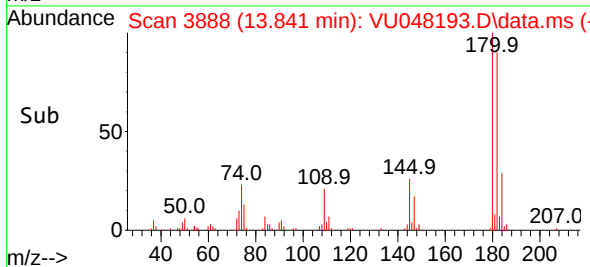
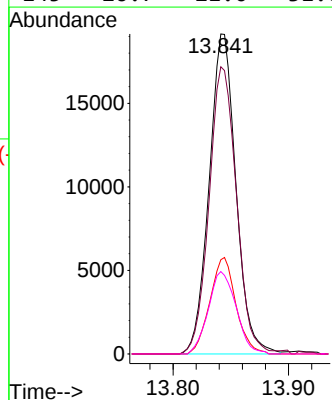
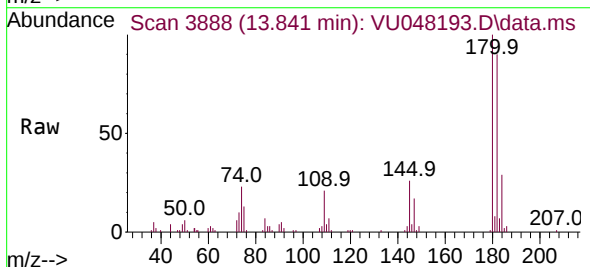
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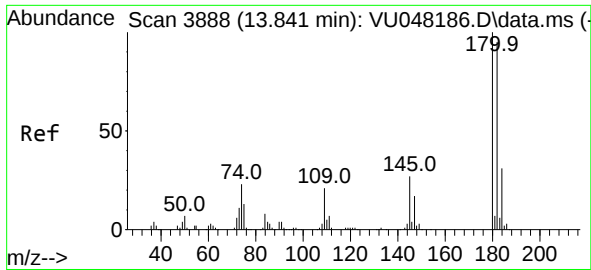
Tgt Ion:146 Resp: 22727
Ion Ratio Lower Upper
146 100
111 42.5 31.7 47.5
148 65.5 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 7.795 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048193.D
Acq: 21 Apr 2022 23:42

Tgt Ion:180 Resp: 30794
Ion Ratio Lower Upper
180 100
182 91.7 77.0 115.6
184 29.4 24.5 36.7
145 26.7 21.0 31.6





#70

1,2,4-trichlorobenzene

Concen: 8.900 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048193.D

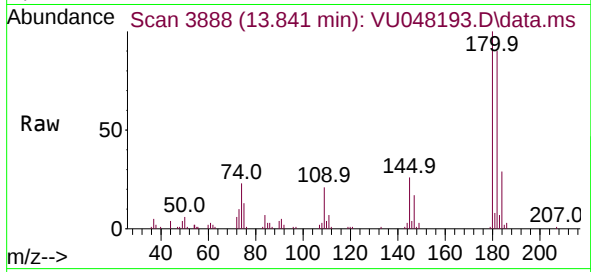
Acq: 21 Apr 2022 23:42

Instrument :

MSVOA_V

ClientSampleId :

C0J25



Tgt Ion:180 Resp: 30794

Ion Ratio Lower Upper

180 100

182 91.7 76.2 114.2

145 26.7 21.8 32.8

