

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048124.D
 Acq On : 18 Apr 2022 16:24
 Operator : SY/MD
 Sample : N2386-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHY8

Quant Time: Apr 19 03:41:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

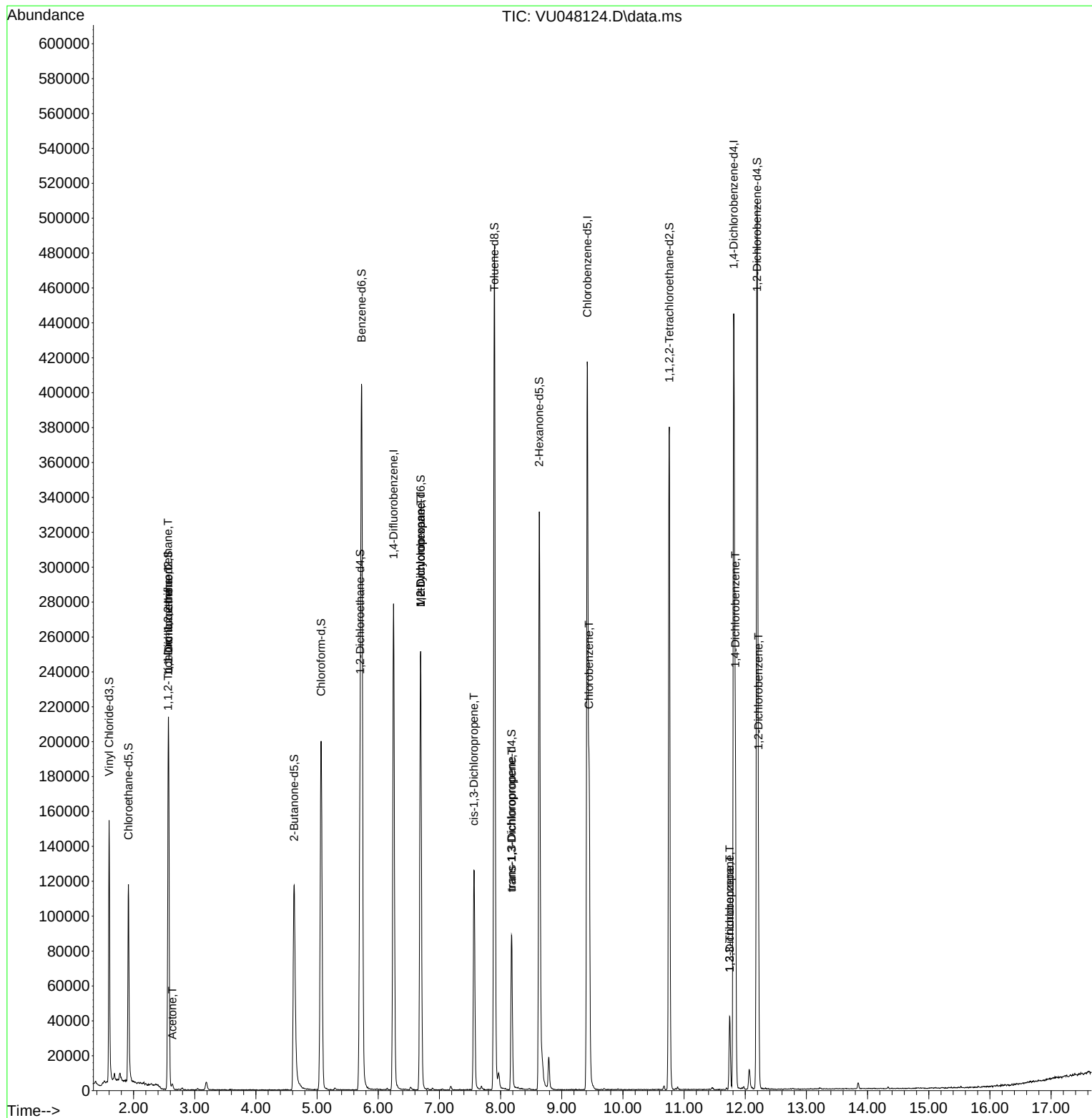
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	239758	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	253287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123680	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112480	64.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 129.380%			
7) Chloroethane-d5	1.916	69	89314	65.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 130.300%#			
11) 1,1-Dichloroethene-d2	2.568	63	121459	38.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.360%			
21) 2-Butanone-d5	4.623	46	164833	110.455	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.450%			
24) Chloroform-d	5.067	84	190448	59.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.740%			
26) 1,2-Dichloroethane-d4	5.703	65	119974	61.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.980%			
32) Benzene-d6	5.729	84	384753	60.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.740%			
36) 1,2-Dichloropropane-d6	6.694	67	124250	63.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 126.960%#			
41) Toluene-d8	7.899	98	330134	53.165	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.340%			
43) trans-1,3-Dichloroprop...	8.179	79	51835	52.273	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.540%			
47) 2-Hexanone-d5	8.632	63	113235	98.824	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.820%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	188776	56.198	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	139777	63.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 127.040%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	588	0.333	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	968	0.589	ug/L #	1
13) Acetone	2.633	43	3543	2.551	ug/L	94
35) Methylcyclohexane	6.694	83	28739	9.828	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	12520	6.718	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	2892	1.000	ug/L #	51
44) trans-1,3-Dichloropropene	8.182	75	2275	0.788	ug/L	92
51) Chlorobenzene	9.446	112	96436	17.656	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	4989	2.140	ug/L #	48
64) 1,3-Dichlorobenzene	11.745	146	19014	5.118	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	82274	21.380	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	39338	10.582	ug/L	97

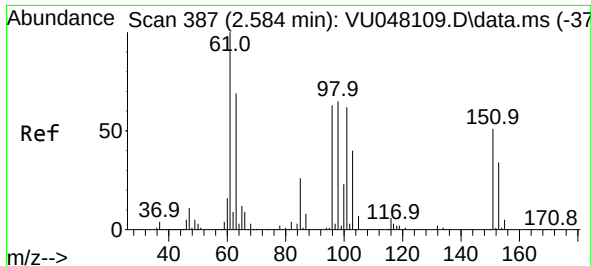
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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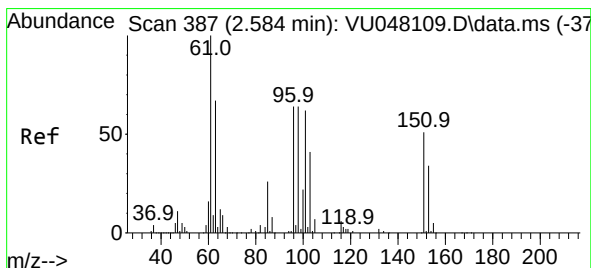
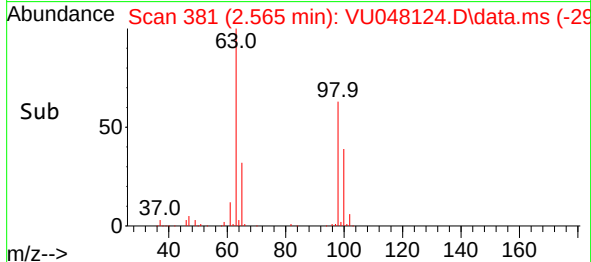
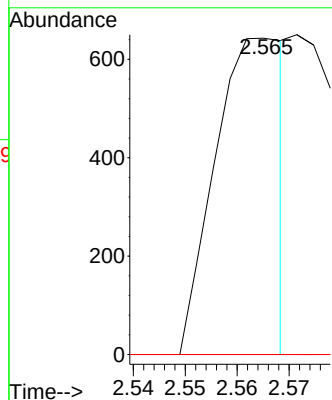
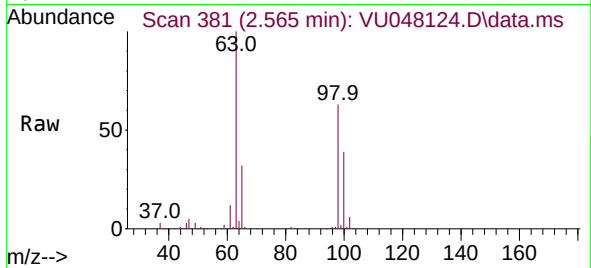




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.333 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.019 min
 Lab File: VU048124.D
 Acq: 18 Apr 2022 16:24

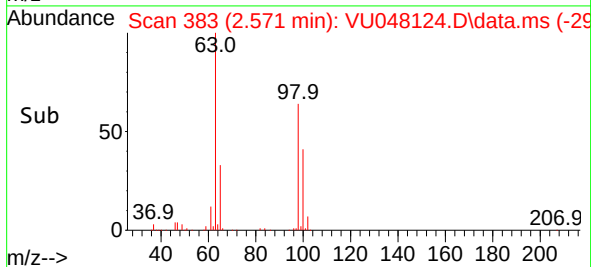
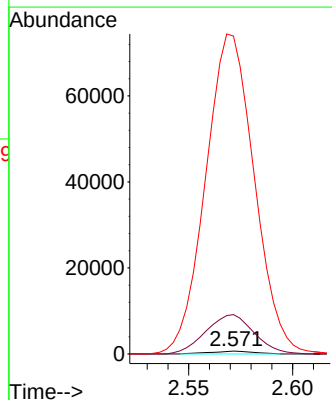
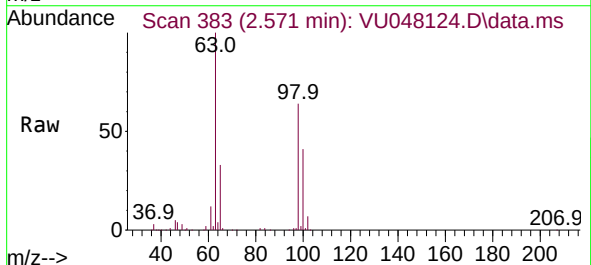
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY8

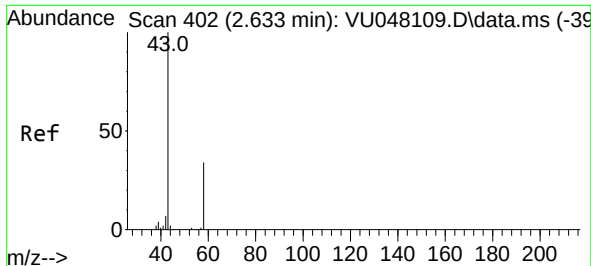
Tgt Ion:101 Resp: 588
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.589 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048124.D
 Acq: 18 Apr 2022 16:24

Tgt Ion: 96 Resp: 968
 Ion Ratio Lower Upper
 96 100
 61 1370.4 113.1 210.1#
 63 11064.7 94.8 176.0#





#13

Acetone

Concen: 2.551 ug/L

RT: 2.633 min Scan# 402

Delta R.T. -0.000 min

Lab File: VU048124.D

Acq: 18 Apr 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

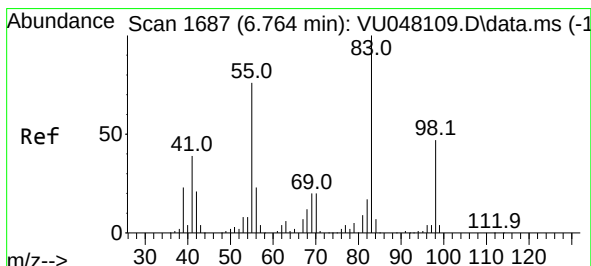
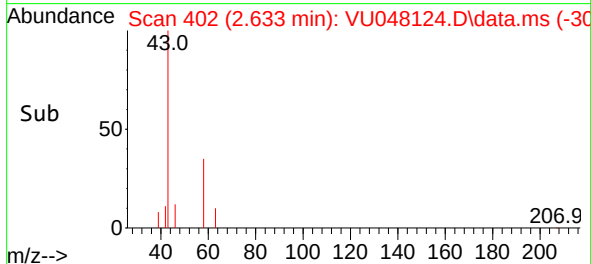
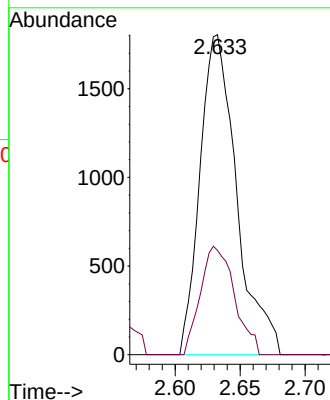
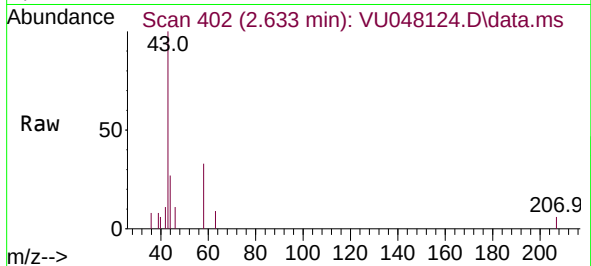
C0HY8

Tgt Ion: 43 Resp: 3543

Ion Ratio Lower Upper

43 100

58 31.5 0.0 70.0



#35

Methylcyclohexane

Concen: 9.828 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU048124.D

Acq: 18 Apr 2022 16:24

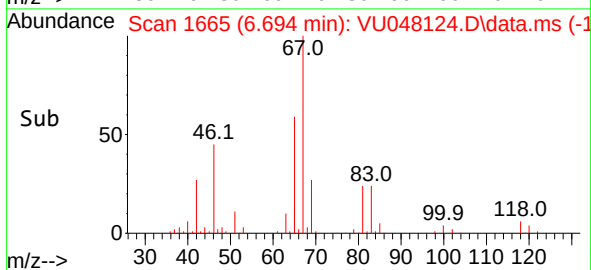
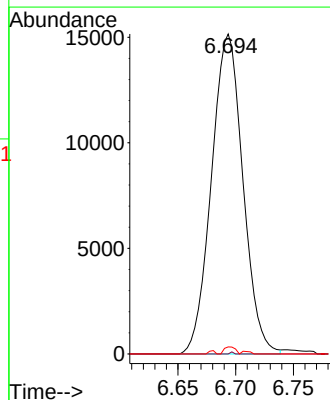
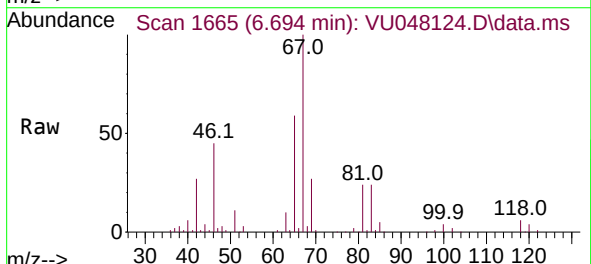
Tgt Ion: 83 Resp: 28739

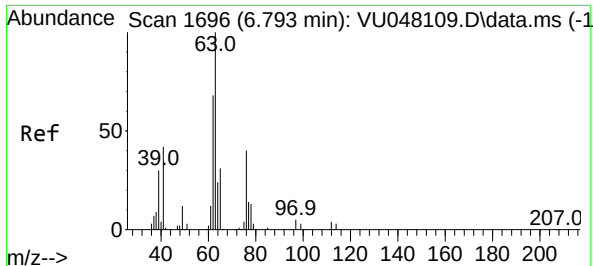
Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 0.8 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 6.718 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048124.D

Acq: 18 Apr 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

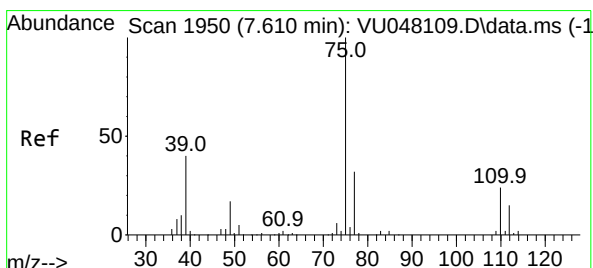
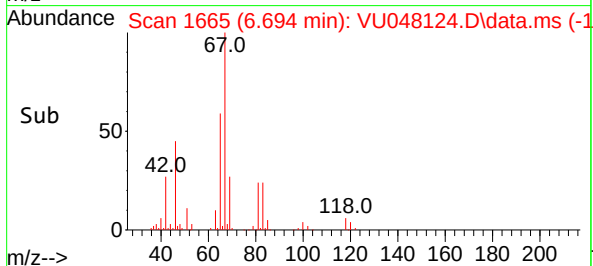
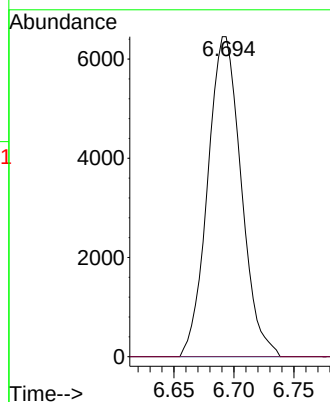
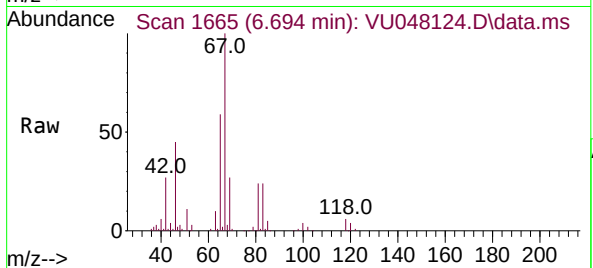
COHY8

Tgt Ion: 63 Resp: 12520

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048124.D

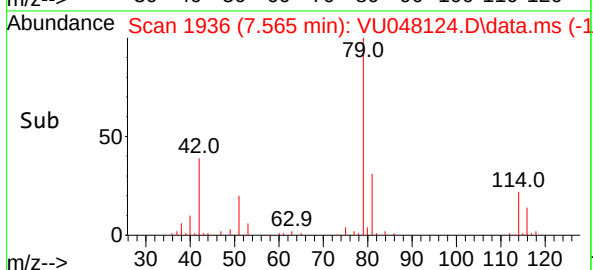
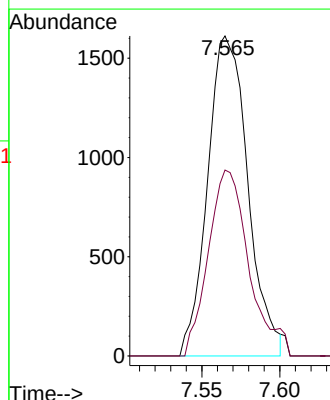
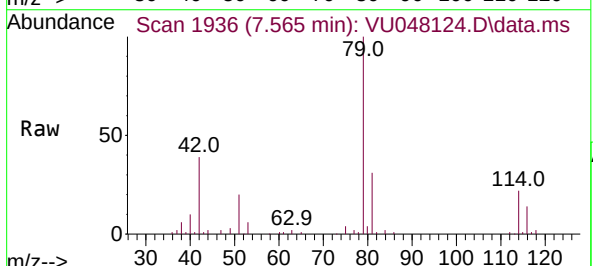
Acq: 18 Apr 2022 16:24

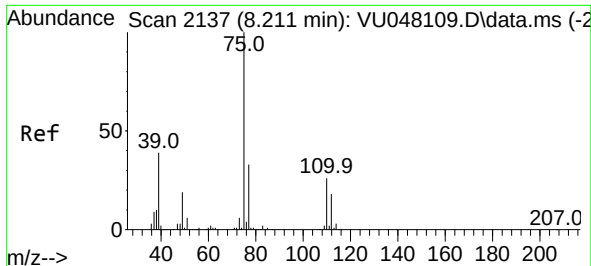
Tgt Ion: 75 Resp: 2892

Ion Ratio Lower Upper

75 100

77 58.1 21.8 40.6#

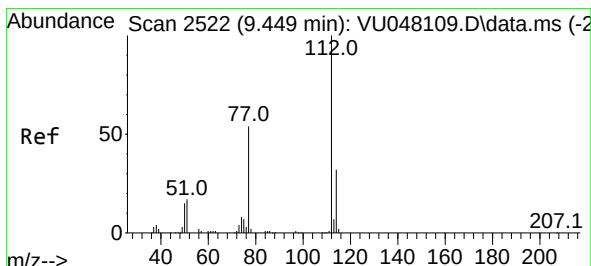
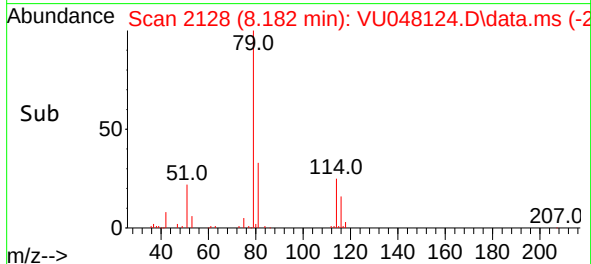
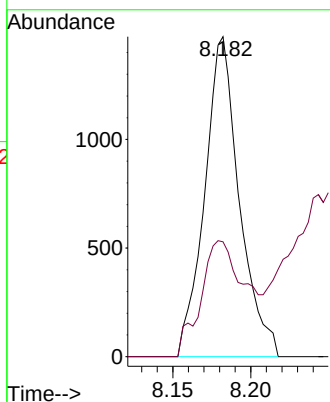
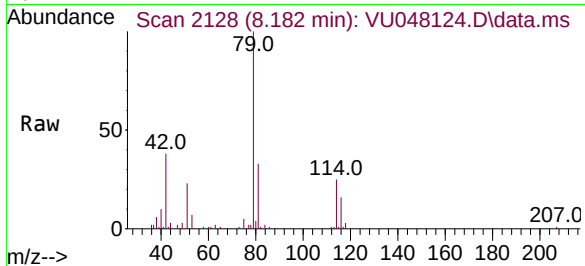




#44
trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048124.D
Acq: 18 Apr 2022 16:24

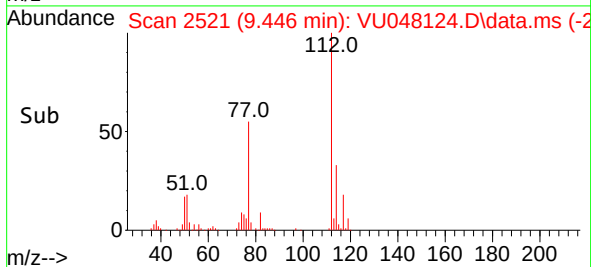
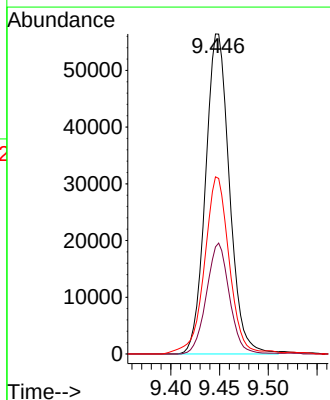
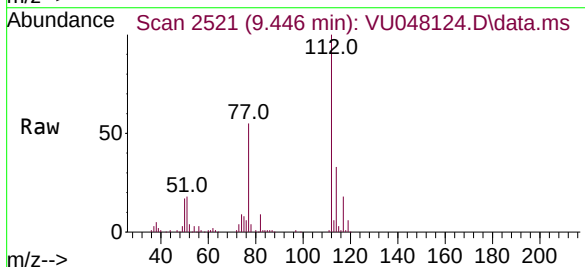
Instrument :
MSVOA_U
ClientSampleId :
C0HY8

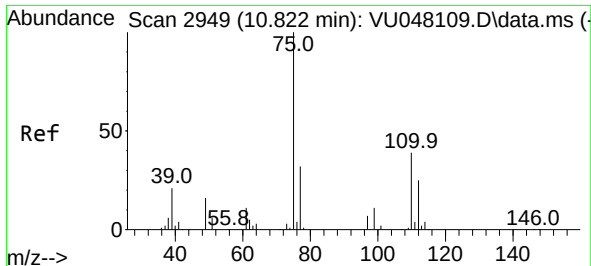
Tgt Ion: 75 Resp: 2275
Ion Ratio Lower Upper
75 100
77 35.9 22.0 40.8



#51
Chlorobenzene
Concen: 17.656 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048124.D
Acq: 18 Apr 2022 16:24

Tgt Ion: 112 Resp: 96436
Ion Ratio Lower Upper
112 100
114 33.4 22.1 41.1
77 55.4 43.4 65.0

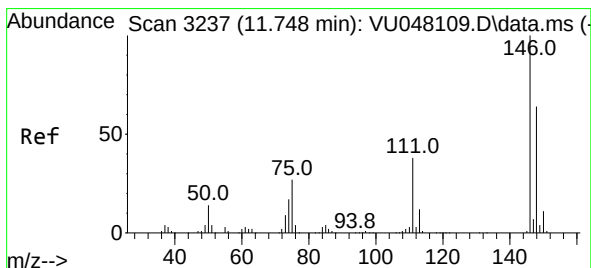
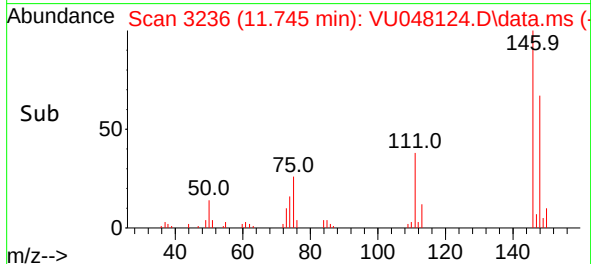
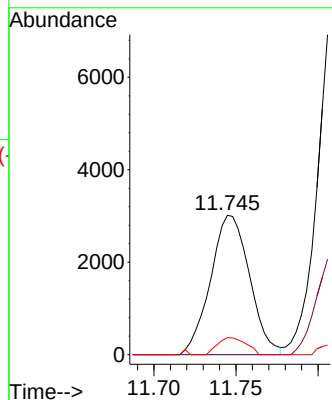
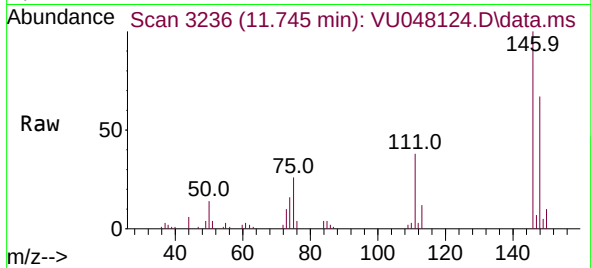




#60
 1,2,3-Trichloropropane
 Concen: 2.140 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.923 min
 Lab File: VU048124.D
 Acq: 18 Apr 2022 16:24

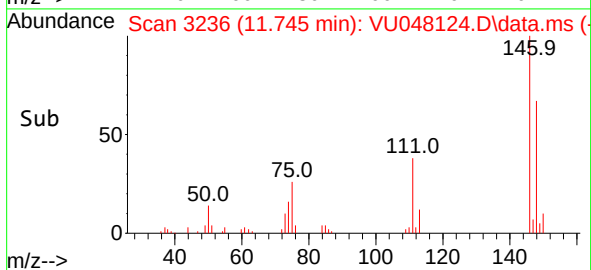
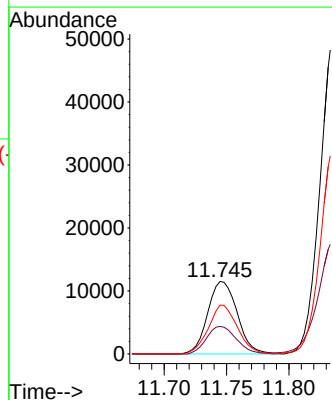
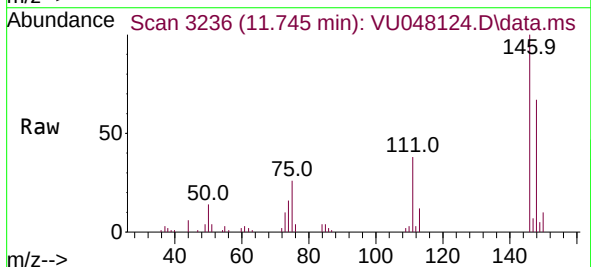
Instrument :
 MSVOA_U
 ClientSampleId :
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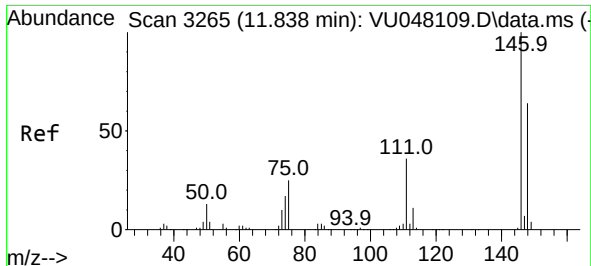
Tgt Ion: 75 Resp: 4989
 Ion Ratio Lower Upper
 75 100
 77 1.3 26.0 39.0#
 110 8.9 31.4 47.2#



#64
 1,3-Dichlorobenzene
 Concen: 5.118 ug/L
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.003 min
 Lab File: VU048124.D
 Acq: 18 Apr 2022 16:24

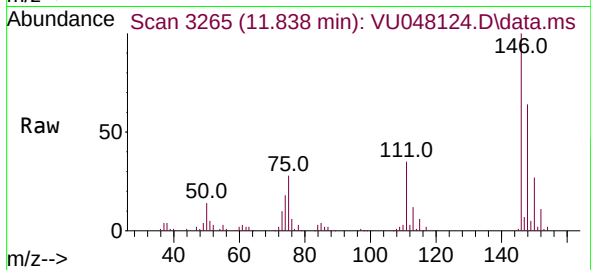
Tgt Ion:146 Resp: 19014
 Ion Ratio Lower Upper
 146 100
 111 37.9 26.7 49.7
 148 67.4 44.4 82.5



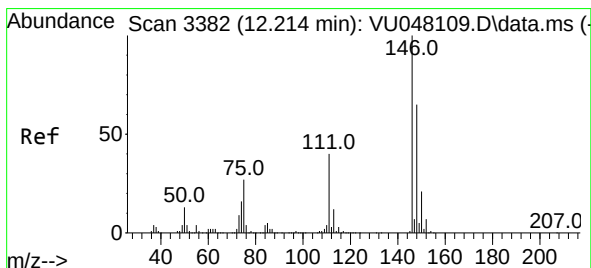
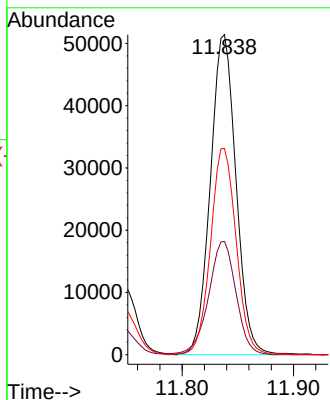
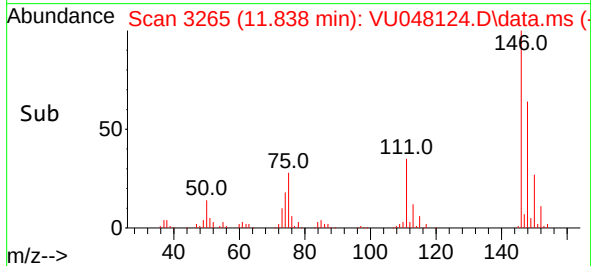


#65
1,4-Dichlorobenzene
Concen: 21.380 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048124.D
Acq: 18 Apr 2022 16:24

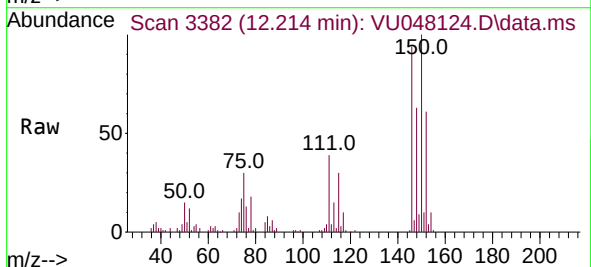
Instrument :
MSVOA_U
ClientSampleId :
C0HY8



Tgt Ion:146 Resp: 82274
Ion Ratio Lower Upper
146 100
111 35.4 25.3 47.1
148 64.5 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 10.582 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048124.D
Acq: 18 Apr 2022 16:24



Tgt Ion:146 Resp: 39338
Ion Ratio Lower Upper
146 100
111 41.0 31.7 47.5
148 66.8 51.4 77.2

