

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048125.D
 Acq On : 18 Apr 2022 16:47
 Operator : SY/MD
 Sample : N2386-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHY6

Quant Time: Apr 19 03:41:27 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)

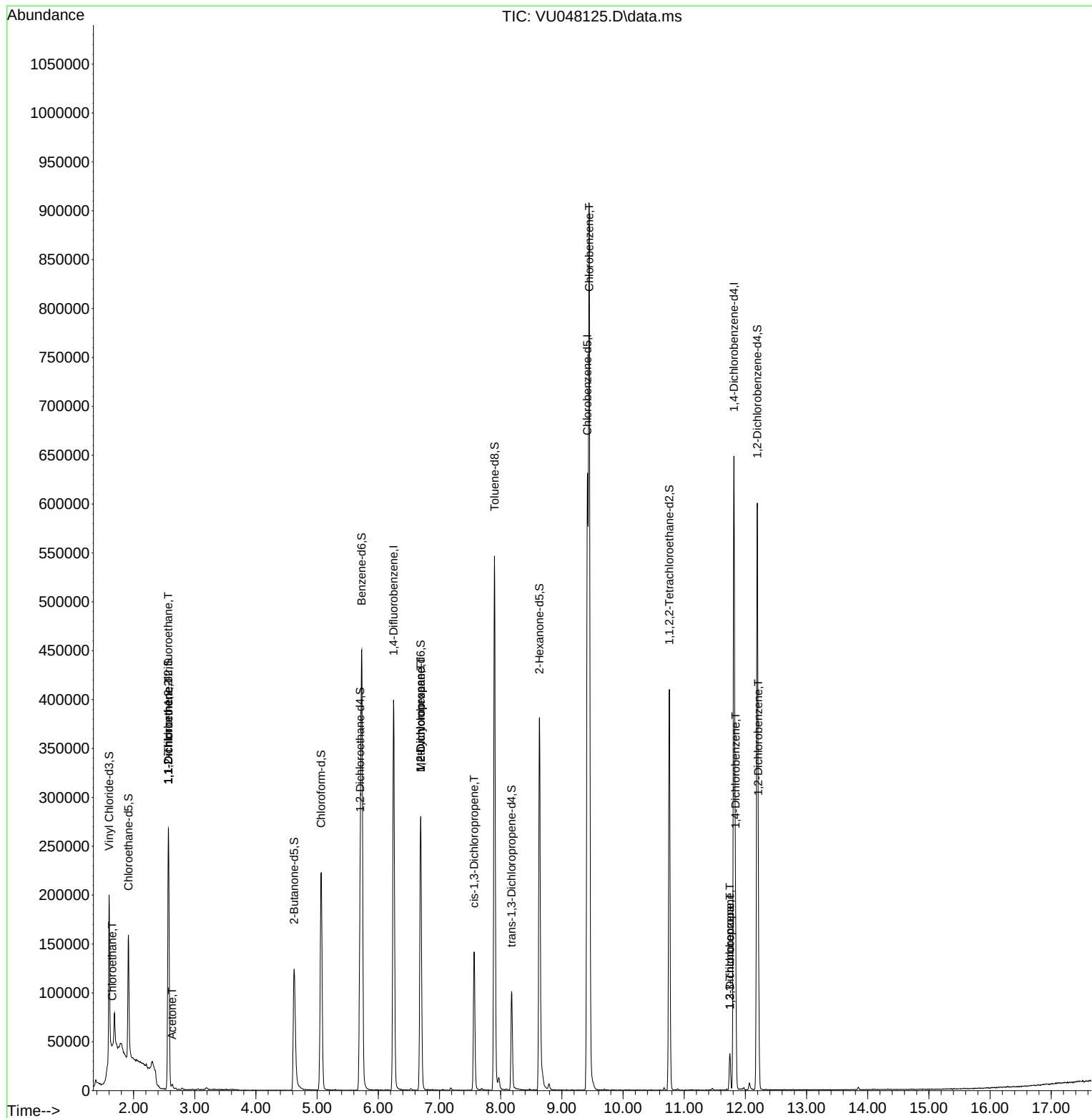
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	341874	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	362951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124491	50.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.440%
7) Chloroethane-d5	1.916	69	100142	51.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.460%
11) 1,1-Dichloroethene-d2	2.568	63	154409	34.042	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.080%
21) 2-Butanone-d5	4.623	46	183880	86.413	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.410%
24) Chloroform-d	5.067	84	212044	46.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.480%
26) 1,2-Dichloroethane-d4	5.703	65	133047	47.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.640%
32) Benzene-d6	5.729	84	429671	47.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
36) 1,2-Dichloropropane-d6	6.694	67	140818	50.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.420%
41) Toluene-d8	7.899	98	372512	41.864	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	8.179	79	59010	41.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.060%
47) 2-Hexanone-d5	8.632	63	131685	80.202	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202597	42.089	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.180%
66) 1,2-Dichlorobenzene-d4	12.195	152	163403	49.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.860%
Target Compounds						Qvalue
8) Chloroethane	1.652	64	101218	52.157	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1548	0.614	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1438	0.613	ug/L #	1
13) Acetone	2.630	43	6415	3.240	ug/L	91
35) Methylcyclohexane	6.694	83	32327	7.715	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	14102	5.280	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3245	0.783	ug/L #	56
51) Chlorobenzene	9.446	112	502839	64.245	ug/L	98
60) 1,2,3-Trichloropropane	11.745	75	4498	1.297	ug/L #	43
64) 1,3-Dichlorobenzene	11.748	146	16891	3.057	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	79353	13.864	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	49604	8.972	ug/L	99

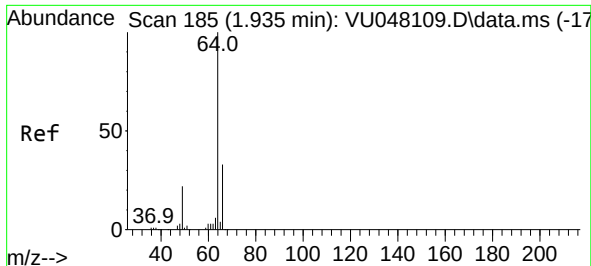
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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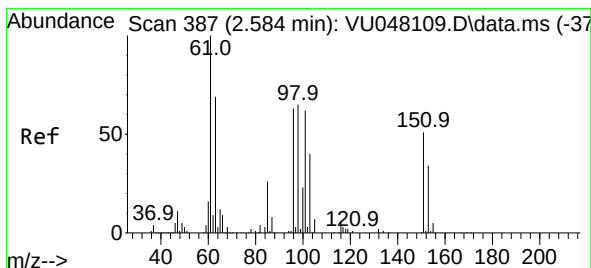
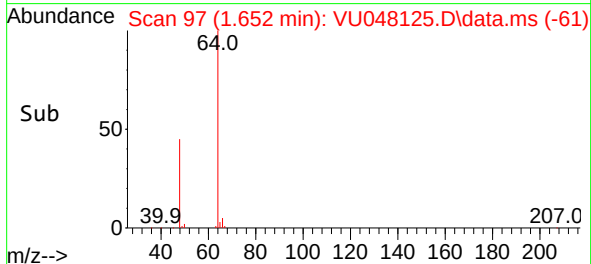
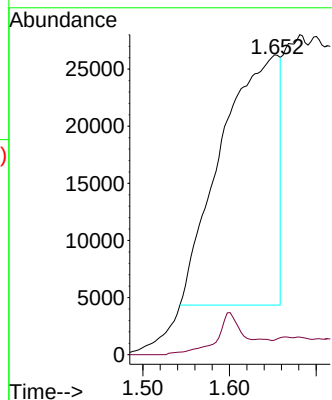
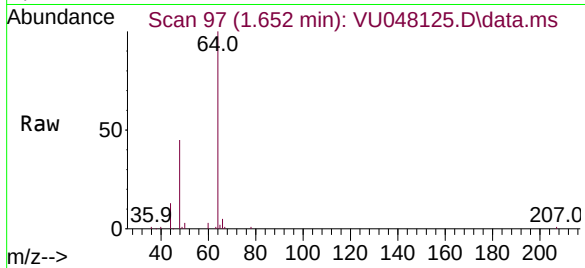




#8
Chloroethane
Concen: 52.157 ug/L
RT: 1.652 min Scan# 91
Delta R.T. -0.283 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

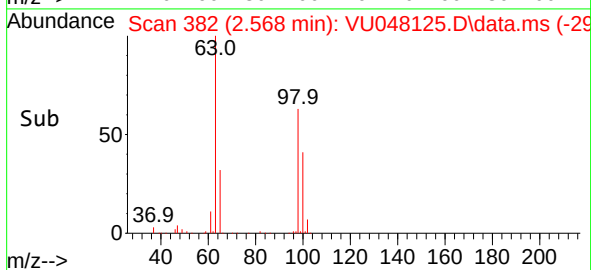
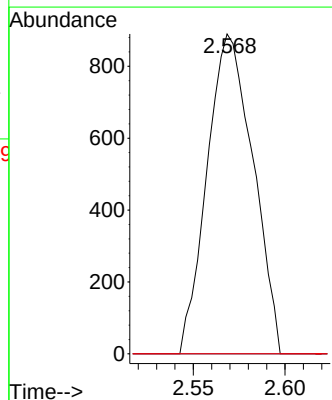
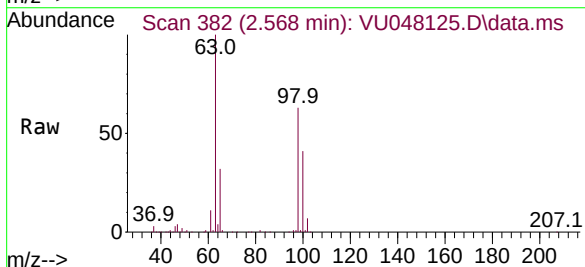
Instrument :
MSVOA_U
ClientSampleId :
C0HY6

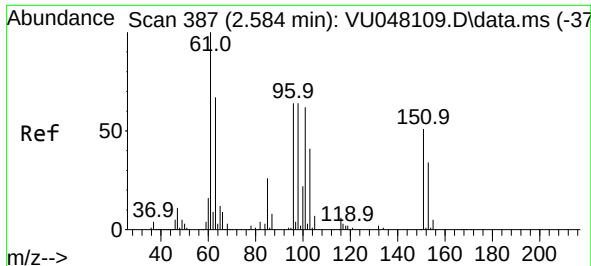
Tgt Ion: 64 Resp: 101218
Ion Ratio Lower Upper
64 100
66 4.9 23.3 43.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.614 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

Tgt Ion:101 Resp: 1548
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: 0.613 ug/L

RT: 2.572 min Scan# 387

Delta R.T. -0.013 min

Lab File: VU048125.D

Acq: 18 Apr 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

C0HY6

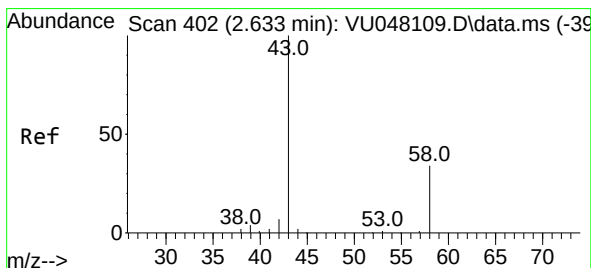
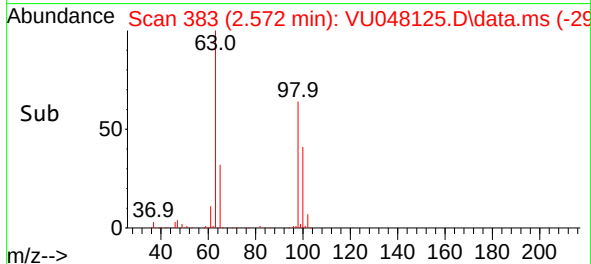
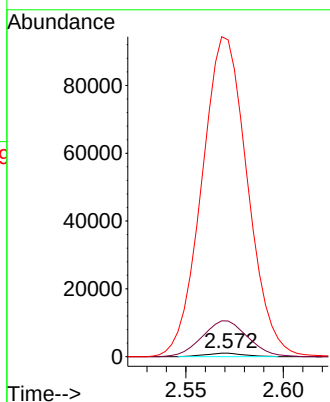
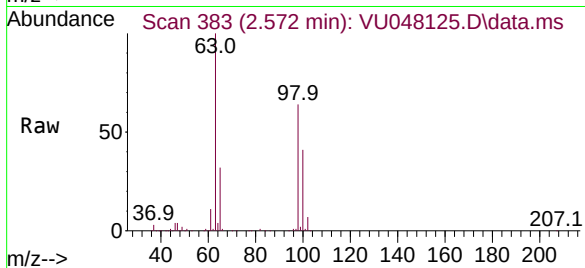
Tgt Ion: 96 Resp: 1438

Ion Ratio Lower Upper

96 100

61 1023.7 113.1 210.1#

63 9078.3 94.8 176.0#



#13

Acetone

Concen: 3.240 ug/L

RT: 2.630 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU048125.D

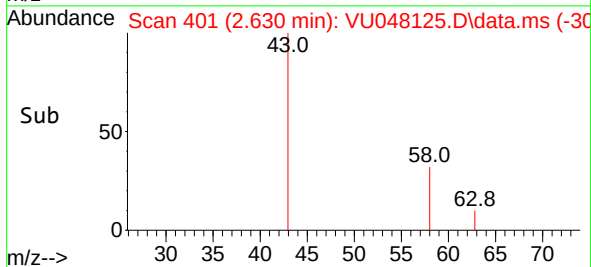
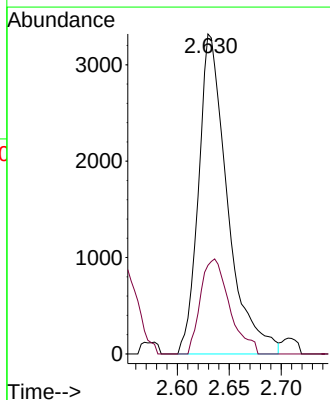
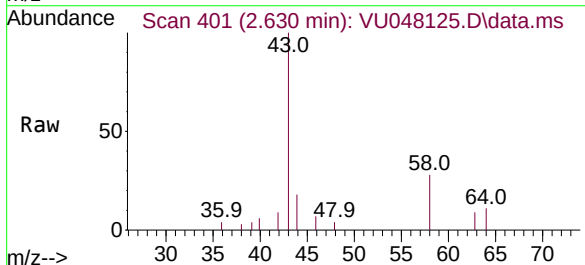
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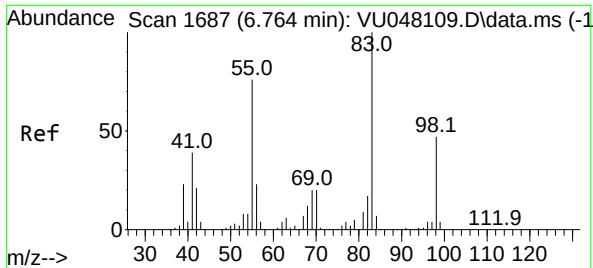
Tgt Ion: 43 Resp: 6415

Ion Ratio Lower Upper

43 100

58 29.8 0.0 70.0

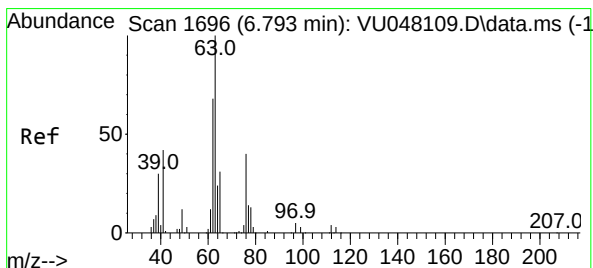
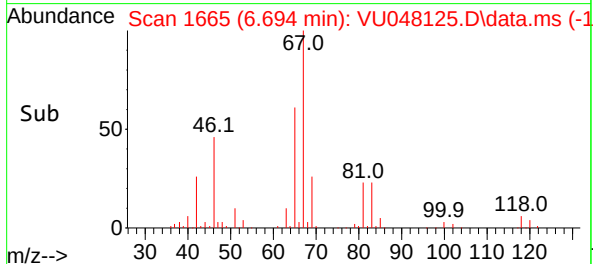
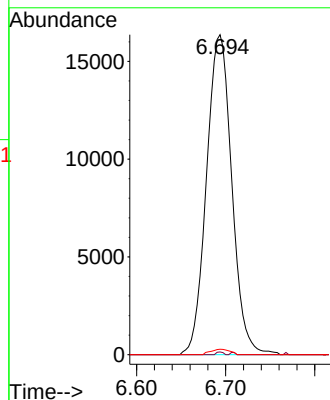
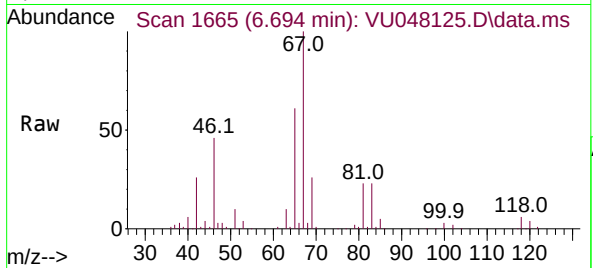




#35
Methylcyclohexane
Concen: 7.715 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

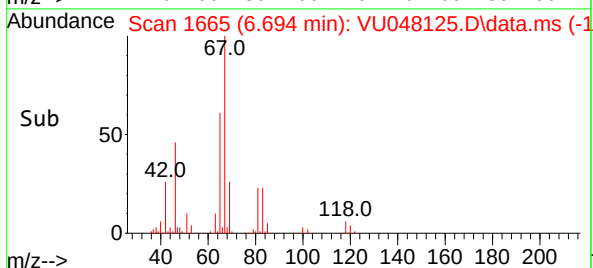
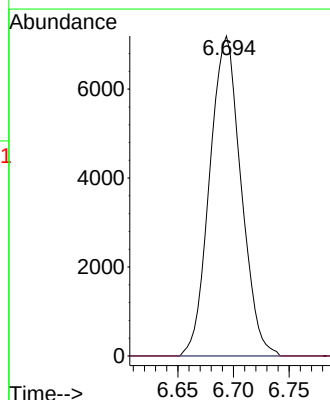
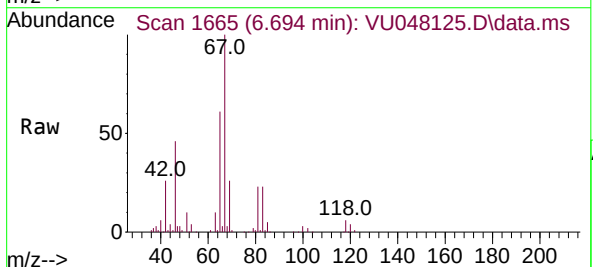
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MSVOA_U
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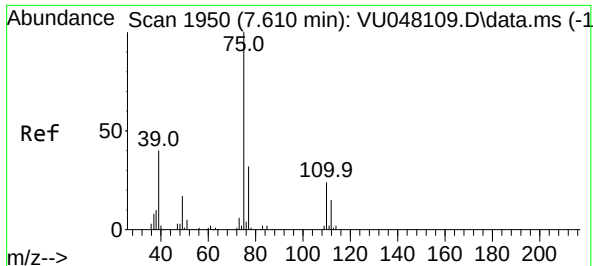
Tgt Ion: 83 Resp: 32327
Ion Ratio Lower Upper
83 100
55 0.2 56.8 85.2#
98 1.3 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 5.280 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

Tgt Ion: 63 Resp: 14102
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.783 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048125.D

Acq: 18 Apr 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

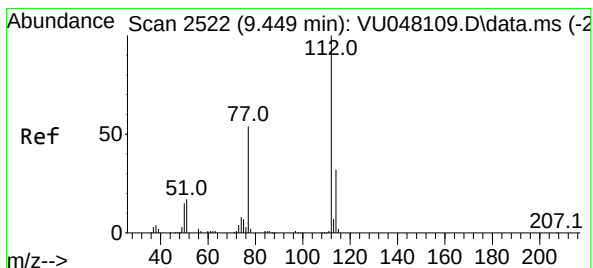
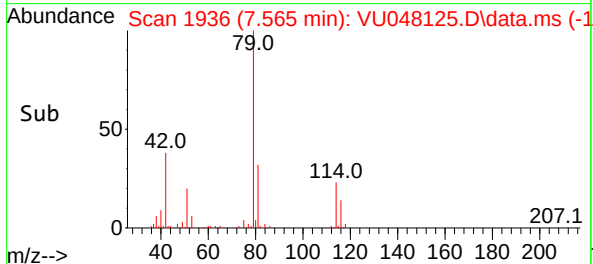
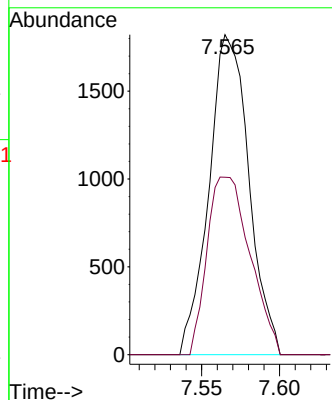
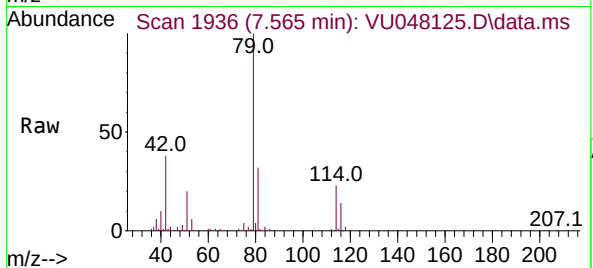
COHY6

Tgt Ion: 75 Resp: 3245

Ion Ratio Lower Upper

75 100

77 55.4 21.8 40.6#



#51

Chlorobenzene

Concen: 64.245 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048125.D

Acq: 18 Apr 2022 16:47

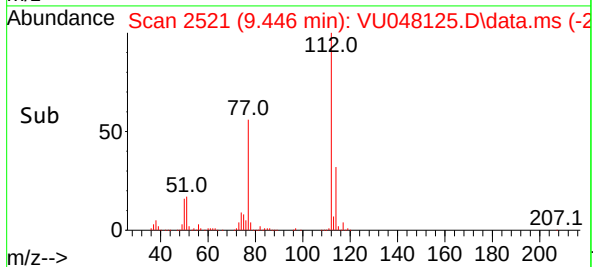
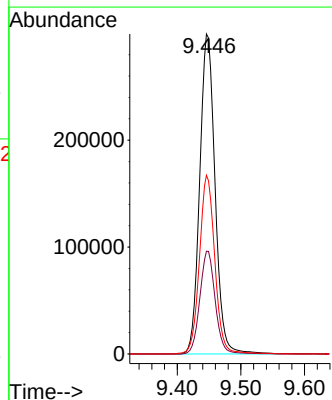
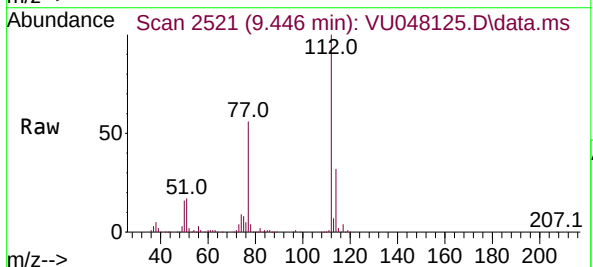
Tgt Ion: 112 Resp: 502839

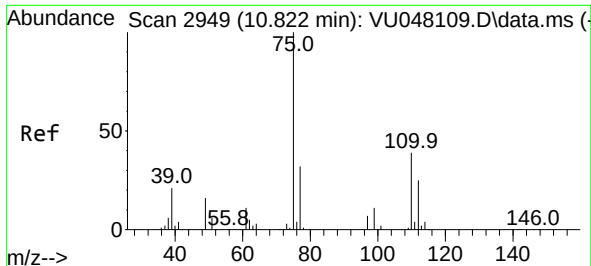
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 55.8 43.4 65.0

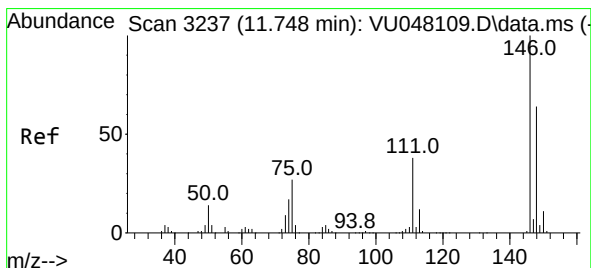
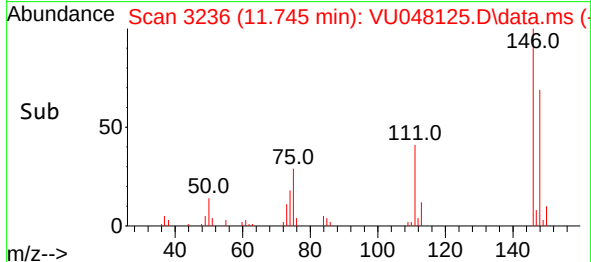
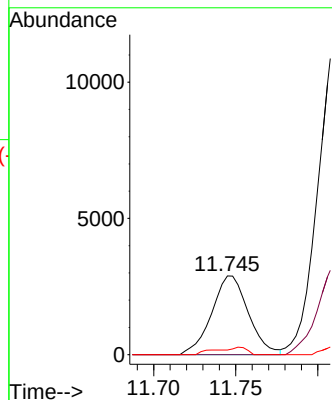
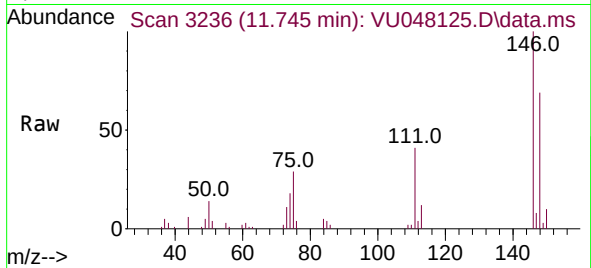




#60
1,2,3-Trichloropropane
Concen: 1.297 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.923 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

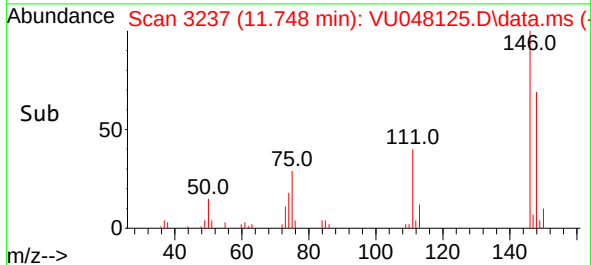
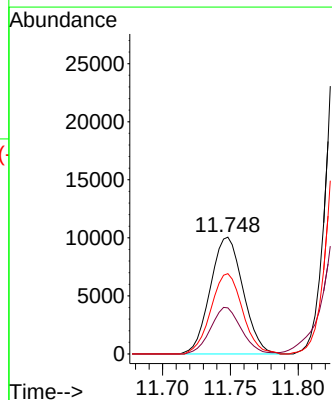
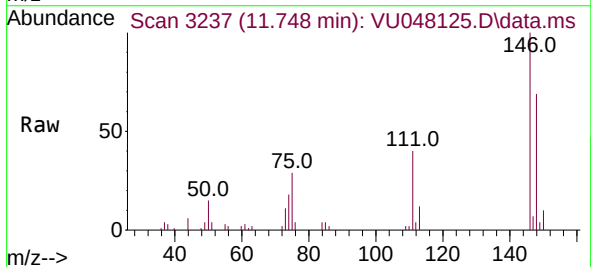
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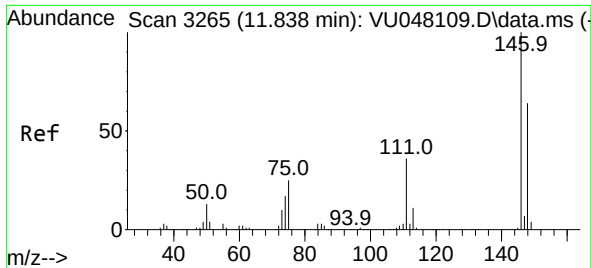
Tgt Ion: 75 Resp: 4498
Ion Ratio Lower Upper
75 100
77 0.9 26.0 39.0#
110 3.8 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 3.057 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

Tgt Ion:146 Resp: 16891
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.7
148 68.7 44.4 82.5

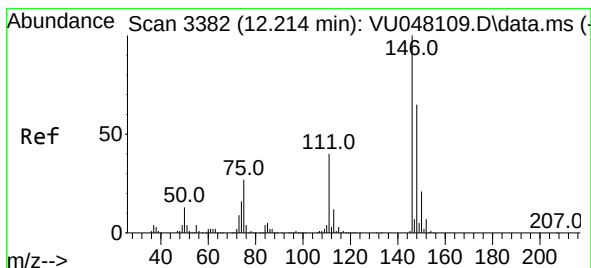
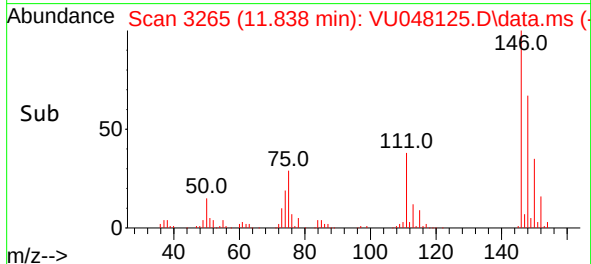
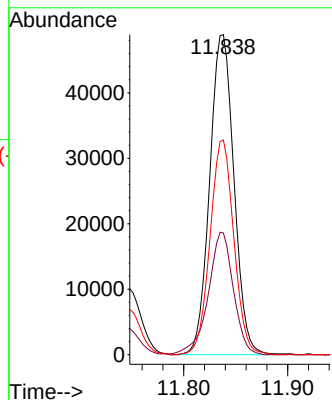
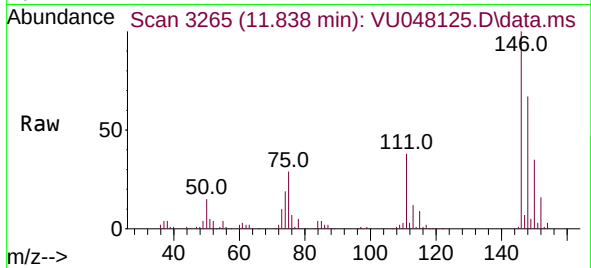




#65
1,4-Dichlorobenzene
Concen: 13.864 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

Instrument :
MSVOA_U
ClientSampleId :
C0HY6

Tgt Ion:146 Resp: 79353
Ion Ratio Lower Upper
146 100
111 38.0 25.3 47.1
148 67.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 8.972 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048125.D
Acq: 18 Apr 2022 16:47

Tgt Ion:146 Resp: 49604
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 62.9 51.4 77.2

