

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050664.D
 Acq On : 07 Sep 2022 16:38
 Operator : SY/MD
 Sample : N4482-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW346

Quant Time: Sep 08 05:43:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

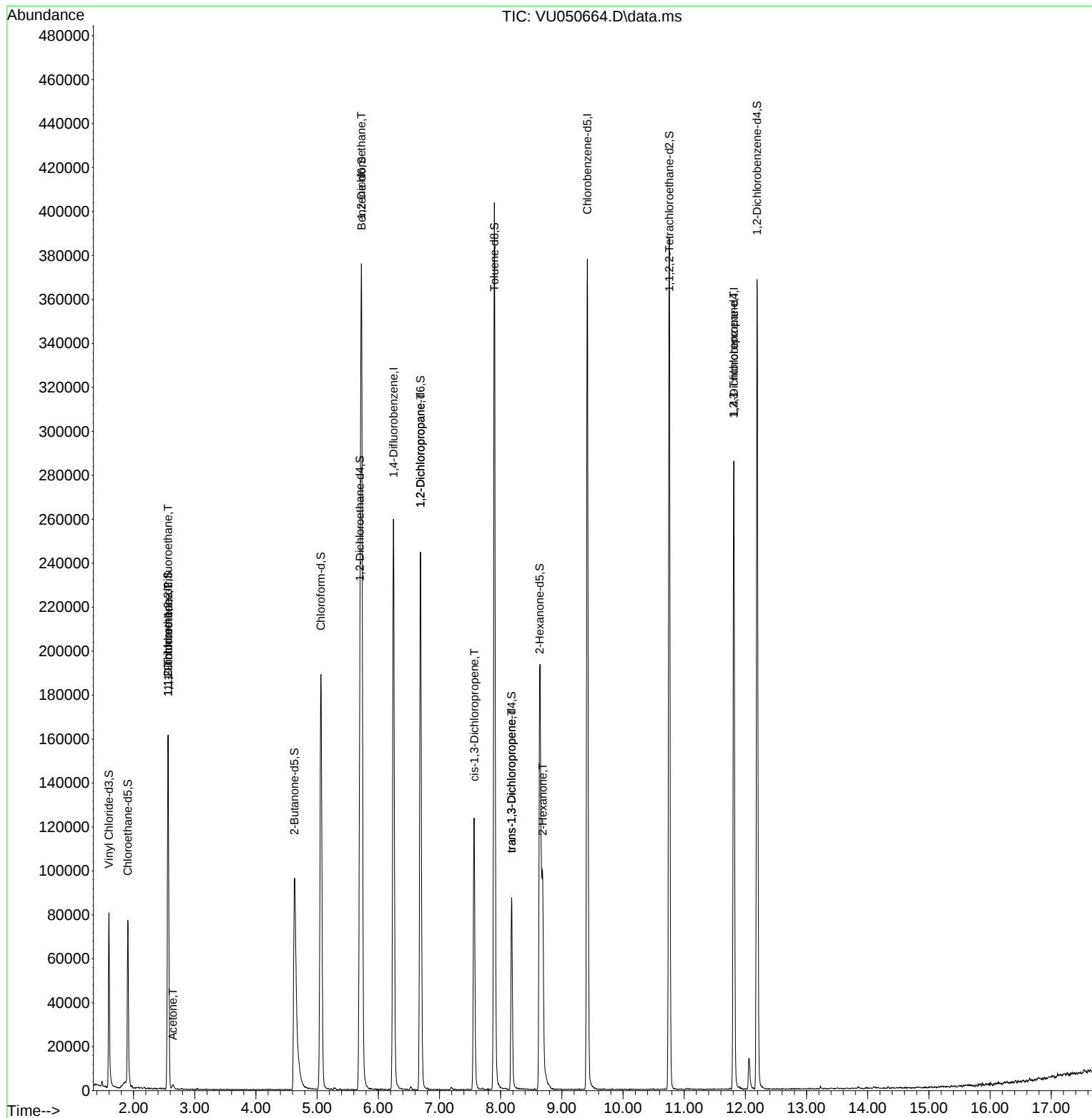
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	214761	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63089	34.346	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.700%	
7) Chloroethane-d5	1.906	69	52790	42.498	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.562	63	96895	29.850	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.700%#	
21) 2-Butanone-d5	4.629	46	155053	115.374	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	115.370%	
24) Chloroform-d	5.060	84	184514	53.000	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.700	65	130080	61.145	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	122.300%	
32) Benzene-d6	5.726	84	348181	47.193	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.380%	
36) 1,2-Dichloropropane-d6	6.691	67	119627	49.386	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.780%	
41) Toluene-d8	7.896	98	281511	44.619	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.240%	
43) trans-1,3-Dichloroprop...	8.179	79	52357	52.240	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	104.480%	
47) 2-Hexanone-d5	8.636	63	56619	92.926	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.930%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	193181	52.701	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	101911	54.165	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.340%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	904	0.539	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	786	0.482	ug/L #	1
13) Acetone	2.642	43	3002	2.961	ug/L	54
27) 1,2-Dichloroethane	5.723	62	1941	0.770	ug/L #	73
37) 1,2-Dichloropropane	6.691	63	12607	5.874	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	3407	1.173	ug/L #	68
44) trans-1,3-Dichloropropene	8.179	75	1970	0.723	ug/L #	59
48) 2-Hexanone	8.687	43	49794	18.244	ug/L	89
60) 1,2,3-Trichloropropane	11.809	75	8731	3.702	ug/L #	67

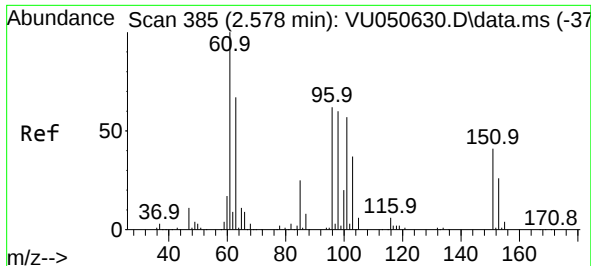
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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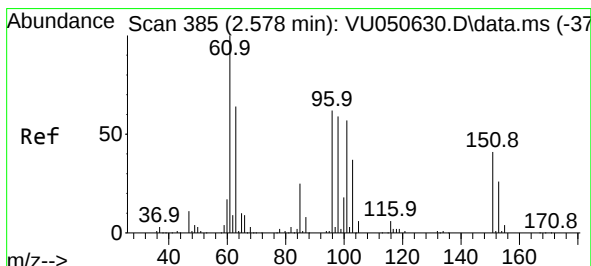
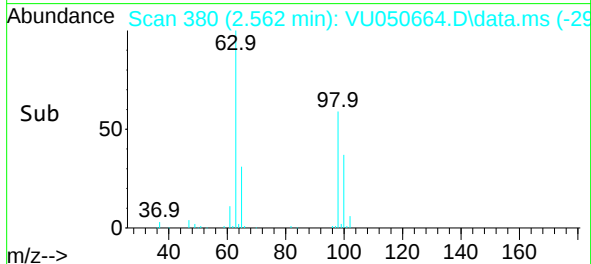
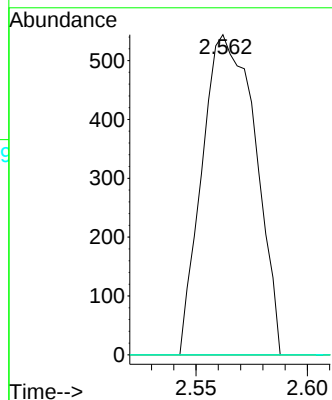
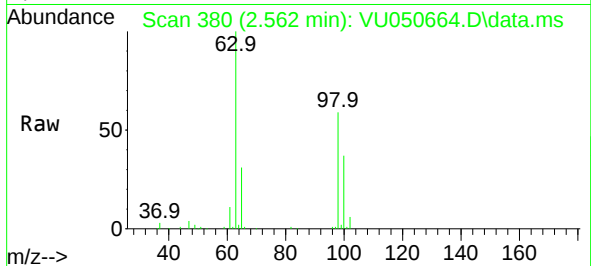




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.539 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050664.D
 Acq: 07 Sep 2022 16:38

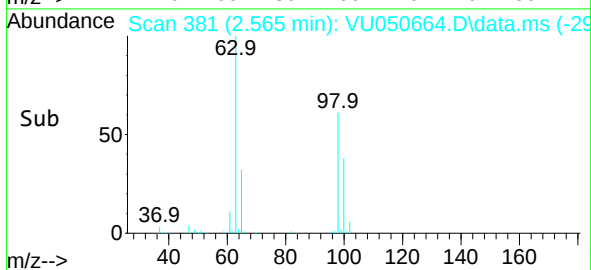
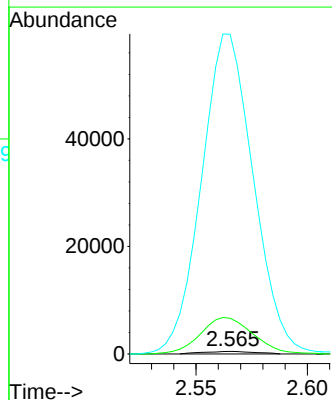
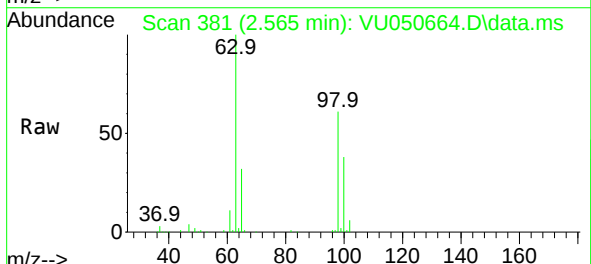
Instrument :
 MSVOA_U
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 EW346

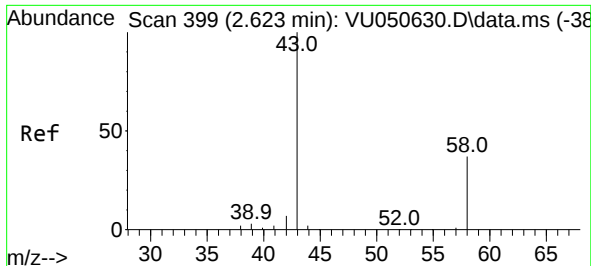
Tgt Ion:101 Resp: 904
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.482 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050664.D
 Acq: 07 Sep 2022 16:38

Tgt Ion: 96 Resp: 786
 Ion Ratio Lower Upper
 96 100
 61 1393.5 118.0 219.1#
 63 12494.1 79.5 147.7#





#13

Acetone

Concen: 2.961 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.020 min

Lab File: VU050664.D

Acq: 07 Sep 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

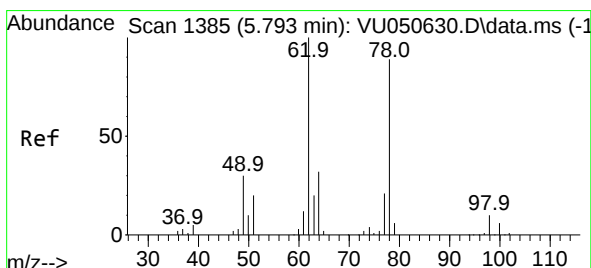
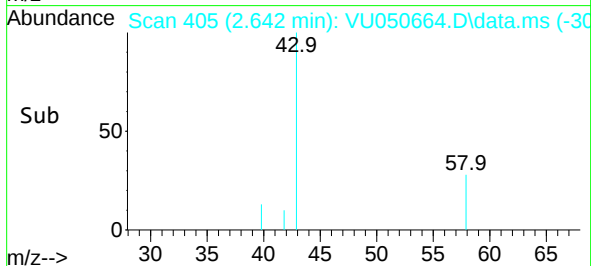
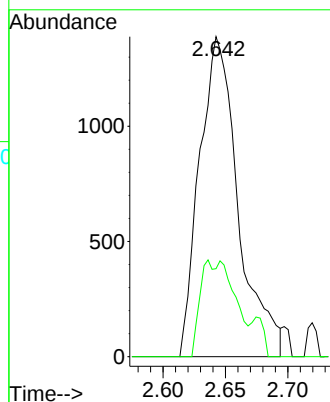
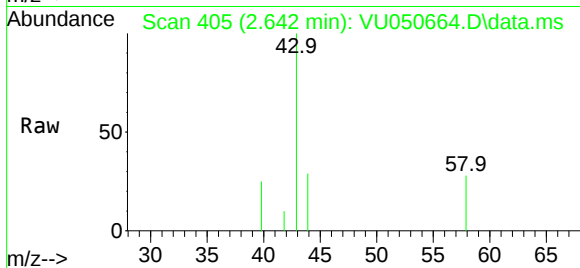
EW346

Tgt Ion: 43 Resp: 3002

Ion Ratio Lower Upper

43 100

58 10.3 0.0 76.2



#27

1,2-Dichloroethane

Concen: 0.770 ug/L

RT: 5.723 min Scan# 1363

Delta R.T. -0.070 min

Lab File: VU050664.D

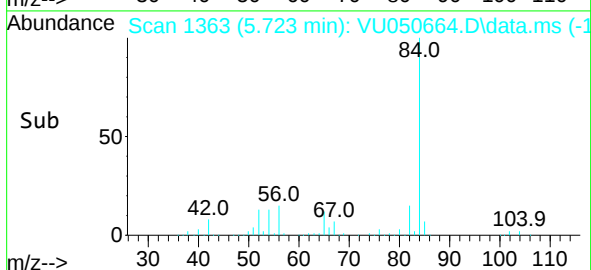
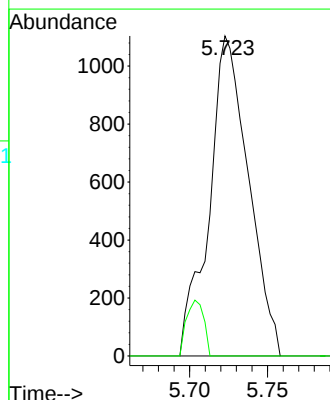
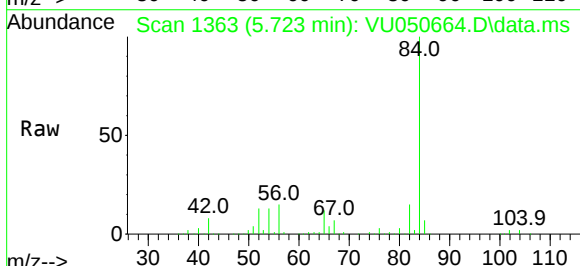
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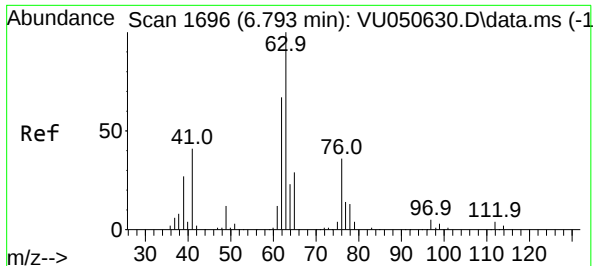
Tgt Ion: 62 Resp: 1941

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#





#37

1,2-Dichloropropane

Concen: 5.874 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050664.D

Acq: 07 Sep 2022 16:38

Instrument :

MSVOA_U

ClientSampleId :

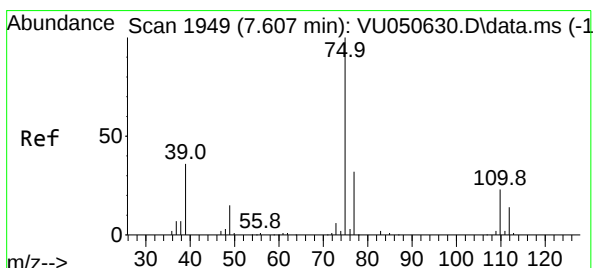
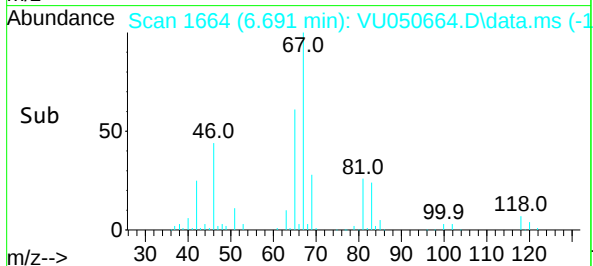
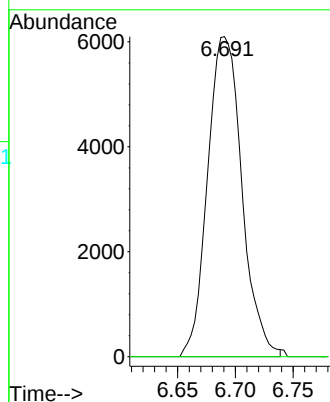
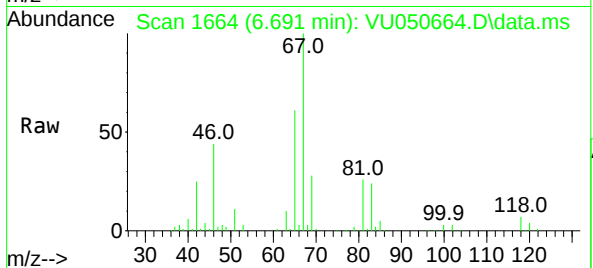
EW346

Tgt Ion: 63 Resp: 12607

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.173 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU050664.D

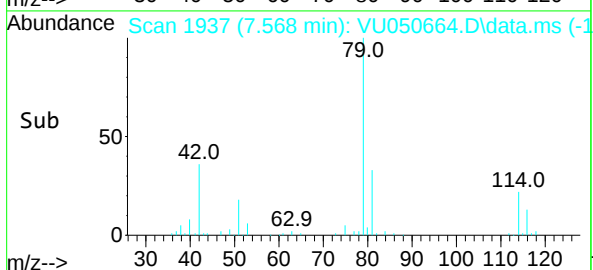
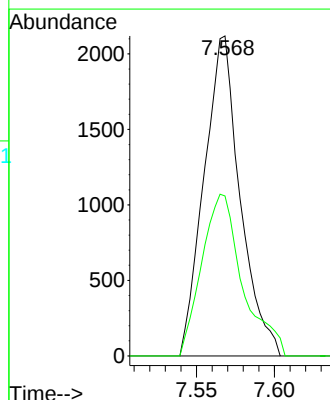
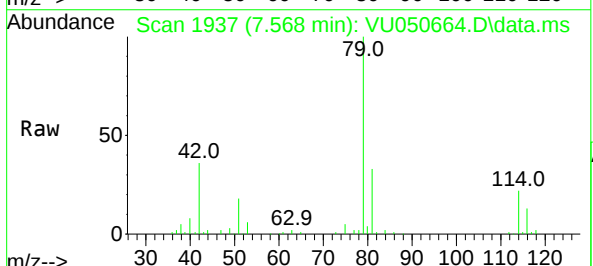
Acq: 07 Sep 2022 16:38

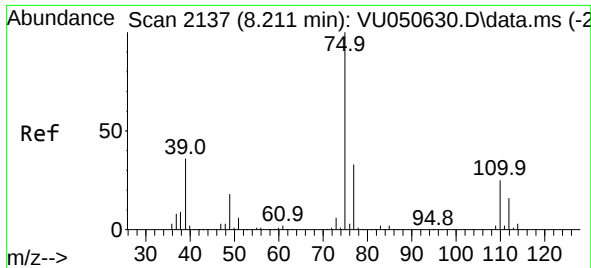
Tgt Ion: 75 Resp: 3407

Ion Ratio Lower Upper

75 100

77 50.0 22.5 41.7#

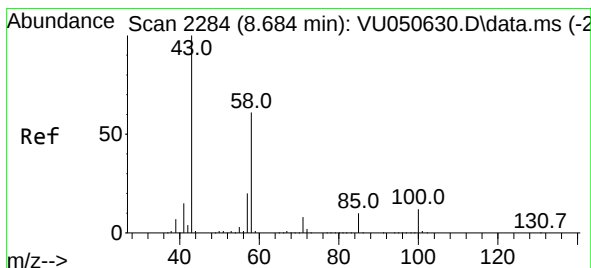
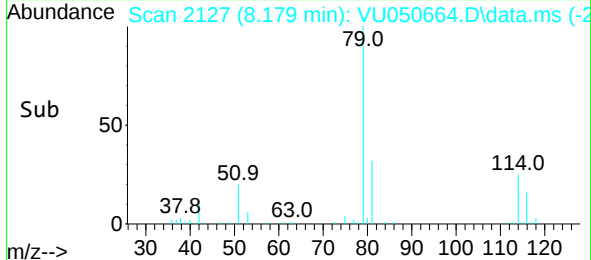
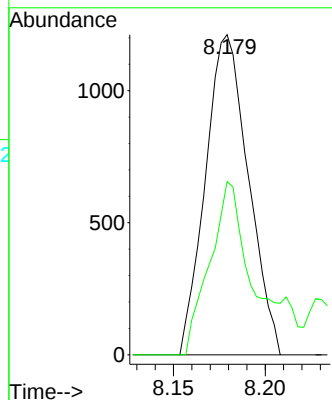
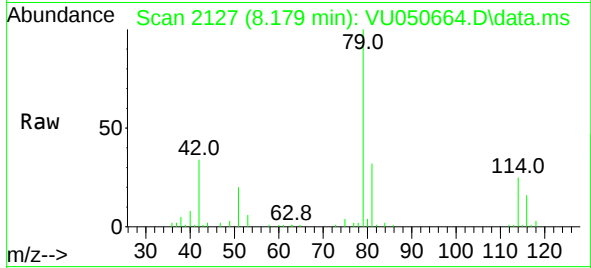




#44
trans-1,3-Dichloropropene
Concen: 0.723 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050664.D
Acq: 07 Sep 2022 16:38

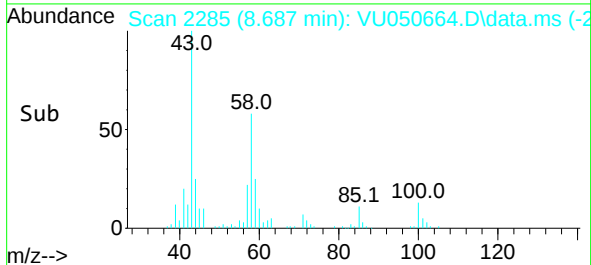
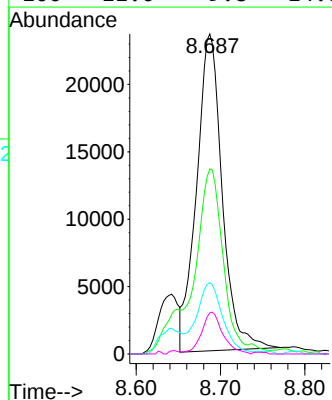
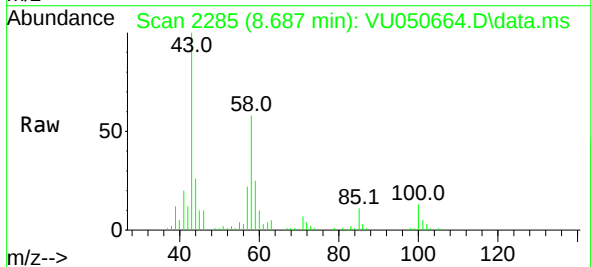
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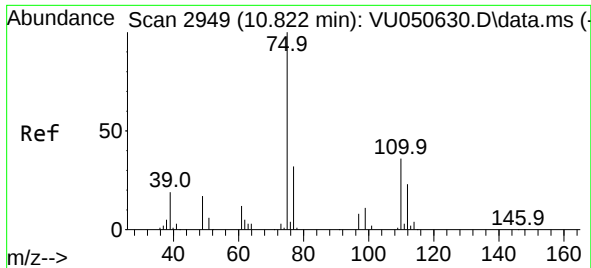
Tgt Ion: 75 Resp: 1970
Ion Ratio Lower Upper
75 100
77 54.1 22.1 41.1#



#48
2-Hexanone
Concen: 18.244 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU050664.D
Acq: 07 Sep 2022 16:38

Tgt Ion: 43 Resp: 49794
Ion Ratio Lower Upper
43 100
58 53.3 51.8 77.6
57 22.7 17.0 25.4
100 11.0 9.8 14.8





#60
 1,2,3-Trichloropropane
 Concen: 3.702 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050664.D
 Acq: 07 Sep 2022 16:38

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75	Resp:	8731
Ion Ratio	Lower	Upper
75	100	
77	34.2	25.8 38.8
110	1.8	29.3 43.9#

