

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051129.D
 Acq On : 05 Oct 2022 16:23
 Operator : JC/MD
 Sample : N4858-01ME
 Misc : 5.47g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 03:04:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

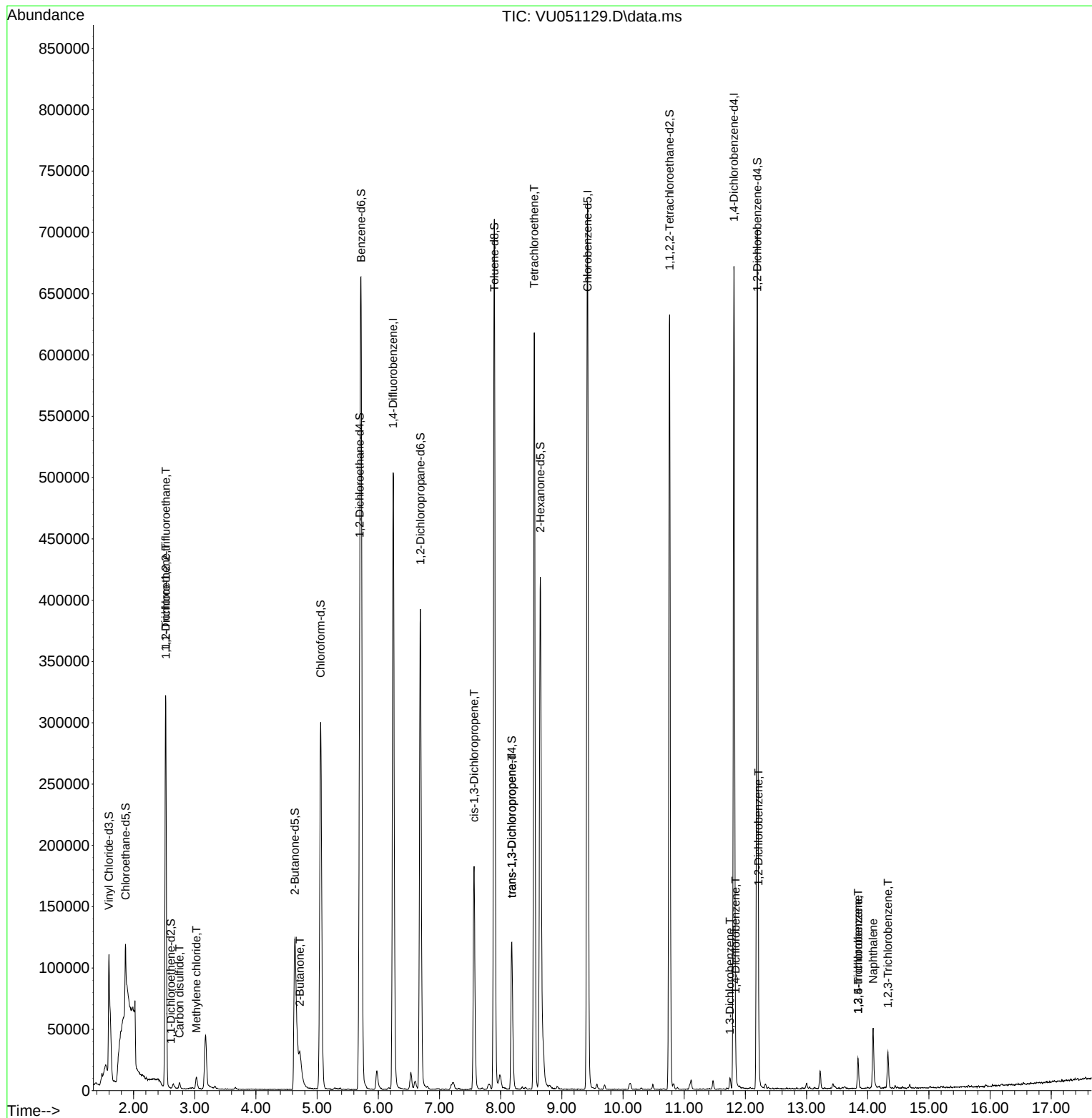
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	428779	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	437312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179565	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	129298	29.755	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.500%#		
7) Chloroethane-d5	1.867	69	62711	15.536	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	31.080%#		
11) 1,1-Dichloroethene-d2	2.610	63	44	0.007	ug/L	0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.020%#		
21) 2-Butanone-d5	4.636	46	231503	82.140	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.140%		
24) Chloroform-d	5.057	84	293487	41.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.840%		
26) 1,2-Dichloroethane-d4	5.697	65	191758	44.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.500%		
32) Benzene-d6	5.719	84	587388	45.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
36) 1,2-Dichloropropane-d6	6.687	67	203664	49.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.020%		
41) Toluene-d8	7.896	98	496053	41.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.860%		
43) trans-1,3-Dichloroprop...	8.182	79	78371	39.541	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.080%		
47) 2-Hexanone-d5	8.649	63	147864	88.124	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.120%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	326080	44.899	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	182142	47.482	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.527	101	1992	0.609	ug/L #	31
12) 1,1-Dichloroethene	2.523	96	2143	0.701	ug/L #	1
14) Carbon disulfide	2.752	76	5973	0.661	ug/L #	91
16) Methylene chloride	3.028	84	5193	1.183	ug/L	96
22) 2-Butanone	4.716	43	37499	12.059	ug/L	95
39) cis-1,3-Dichloropropene	7.565	75	5281	1.039	ug/L #	61
44) trans-1,3-Dichloropropene	8.182	75	3991	0.776	ug/L	90
46) Tetrachloroethene	8.549	164	140355	53.633	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	4370	0.727	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	5768	0.960	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	4817	0.780	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.841	180	7540	1.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	7540	2.260	ug/L	99
71) Naphthalene	14.089	128	42487	3.558	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	9863	2.649	ug/L	100

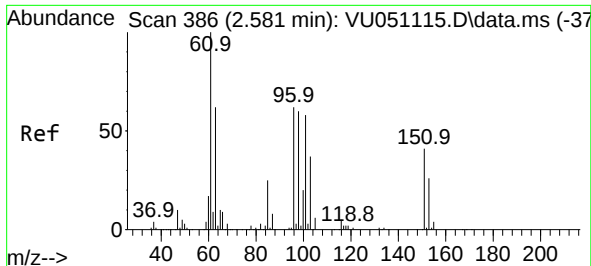
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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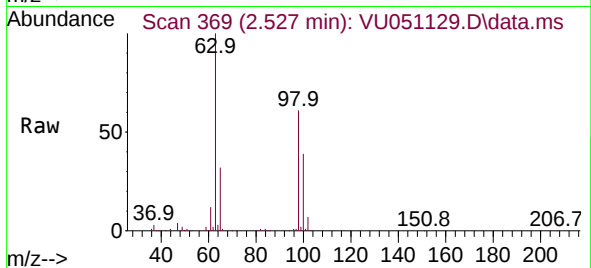
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 02:55:50 2022
Response via : Initial Calibration



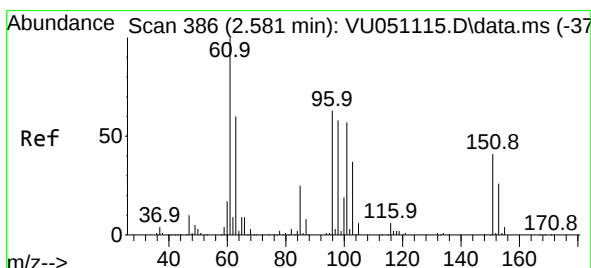
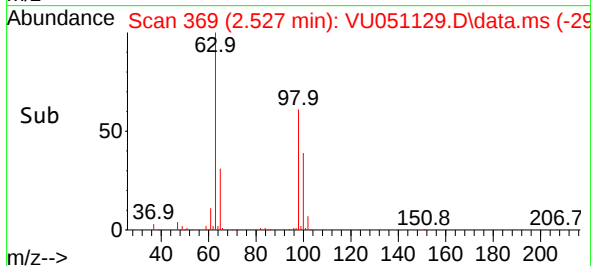
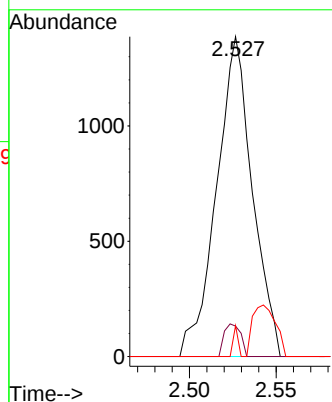


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.609 ug/L
 RT: 2.527 min Scan# 30
 Delta R.T. -0.055 min
 Lab File: VU051129.D
 Acq: 05 Oct 2022 16:23

Instrument :
 MSVOA_U
 ClientSampleId :

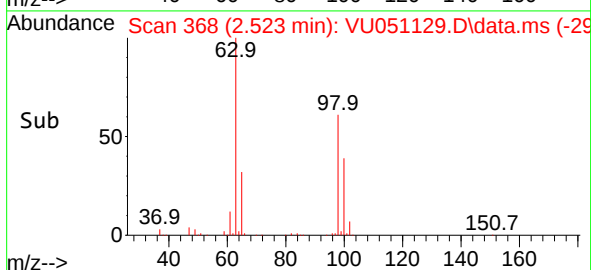
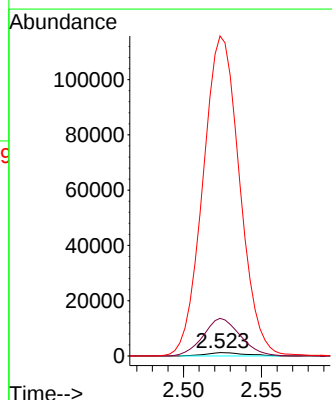
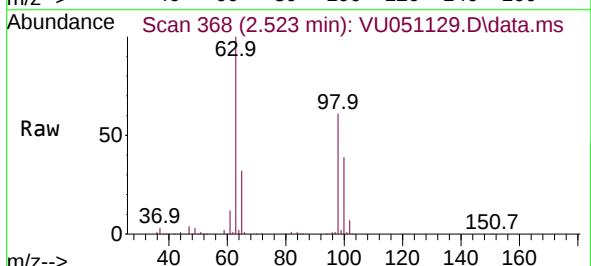


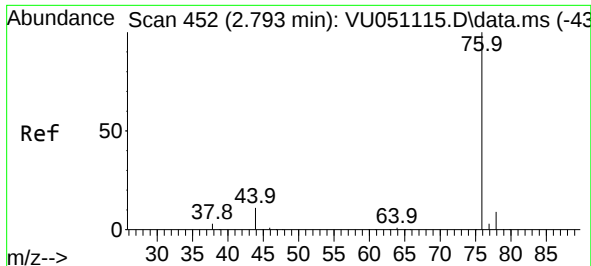
Tgt Ion:101 Resp: 1992
 Ion Ratio Lower Upper
 101 100
 85 4.7 34.6 52.0#
 151 10.4 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.701 ug/L
 RT: 2.523 min Scan# 368
 Delta R.T. -0.058 min
 Lab File: VU051129.D
 Acq: 05 Oct 2022 16:23

Tgt Ion: 96 Resp: 2143
 Ion Ratio Lower Upper
 96 100
 61 1144.5 113.0 209.9#
 63 9722.9 91.7 170.3#

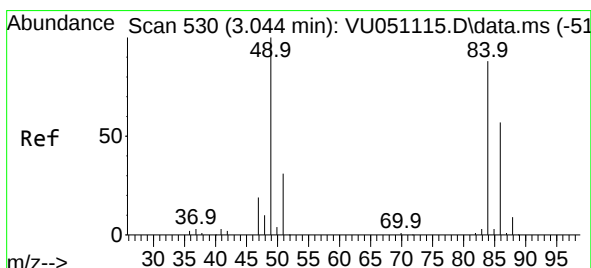
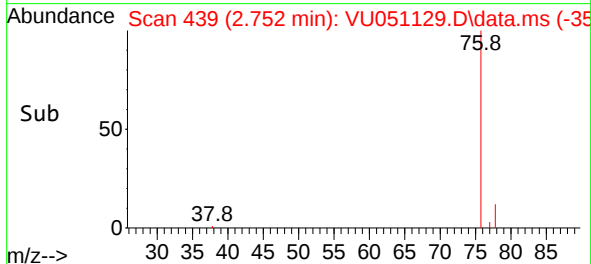
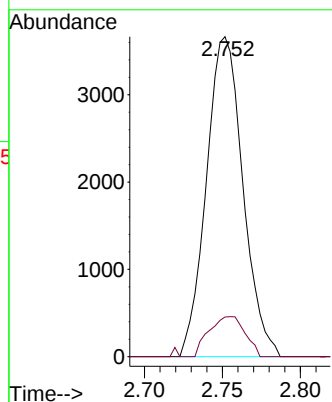
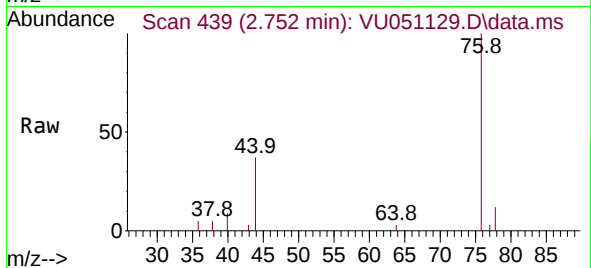




#14
Carbon disulfide
Concen: 0.661 ug/L
RT: 2.752 min Scan# 41
Delta R.T. -0.042 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

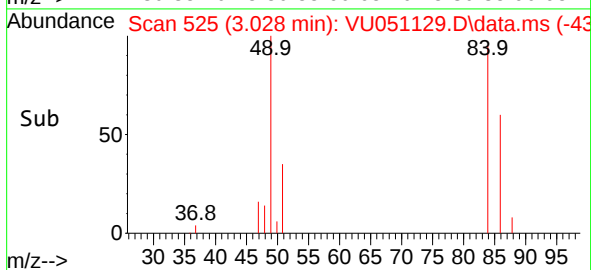
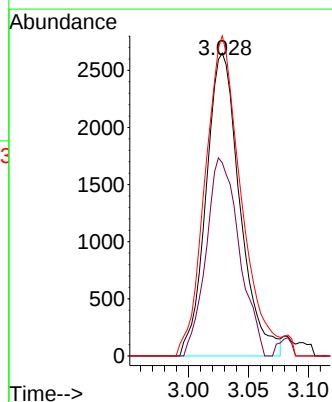
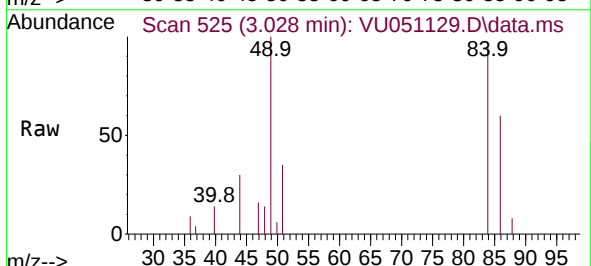
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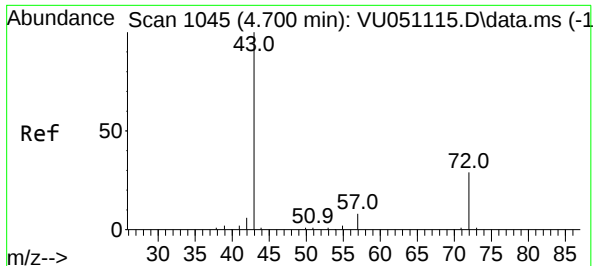
Tgt Ion: 76 Resp: 5973
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#



#16
Methylene chloride
Concen: 1.183 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.016 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

Tgt Ion: 84 Resp: 5193
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.4
49 105.7 78.3 145.3





#22

2-Butanone

Concen: 12.059 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU051129.D

Acq: 05 Oct 2022 16:23

Instrument :

MSVOA_U

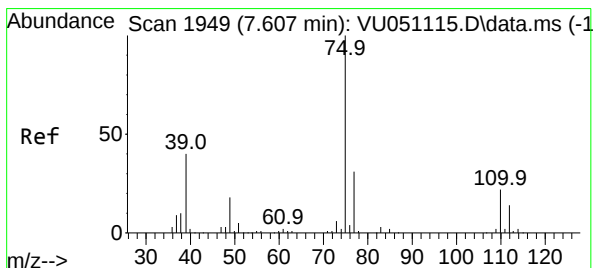
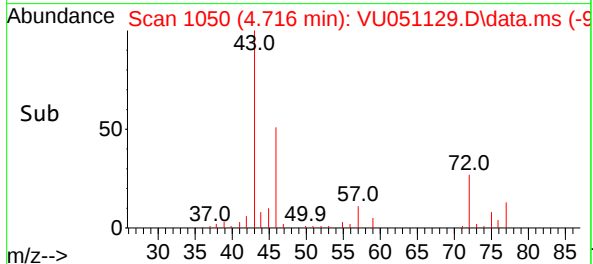
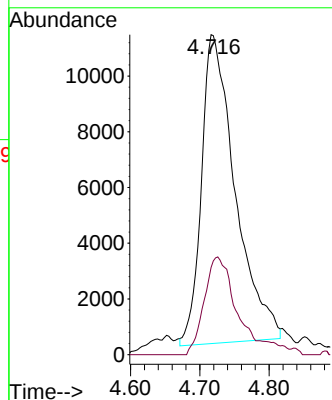
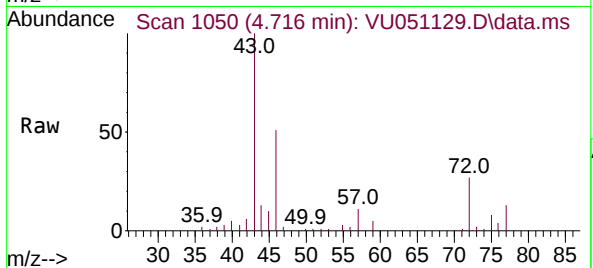
ClientSampleId :

Tgt Ion: 43 Resp: 37499

Ion Ratio Lower Upper

43 100

72 28.7 15.8 47.4



#39

cis-1,3-Dichloropropene

Concen: 1.039 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU051129.D

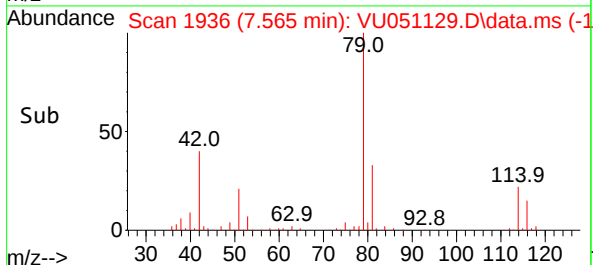
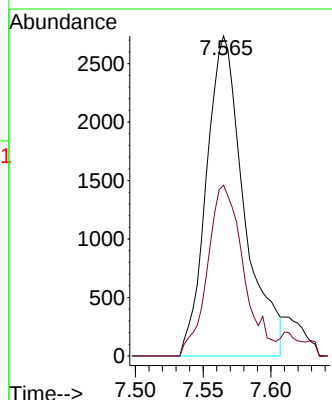
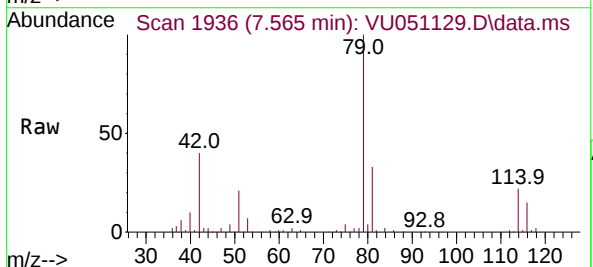
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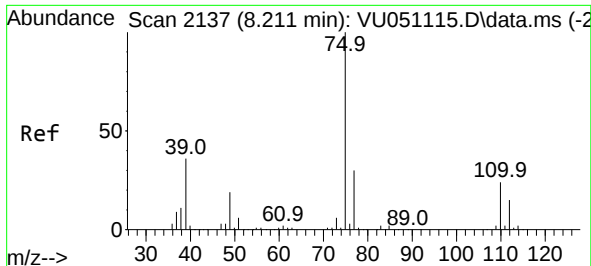
Tgt Ion: 75 Resp: 5281

Ion Ratio Lower Upper

75 100

77 53.4 22.0 41.0#

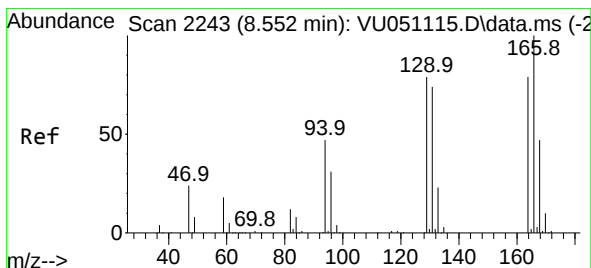
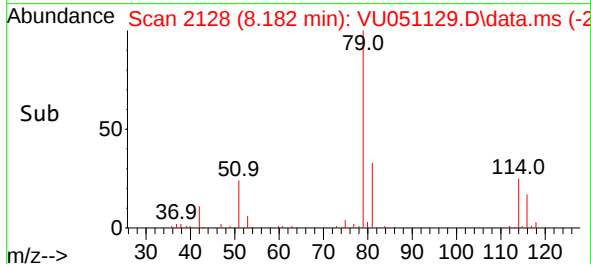
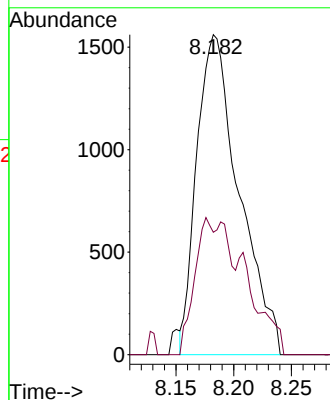
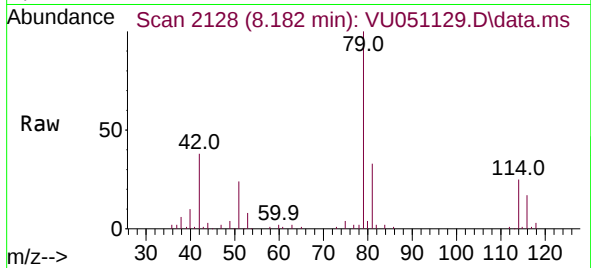




#44
trans-1,3-Dichloropropene
Concen: 0.776 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

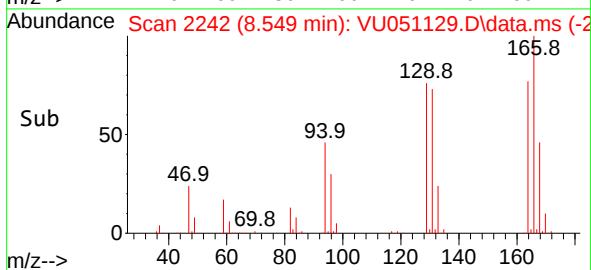
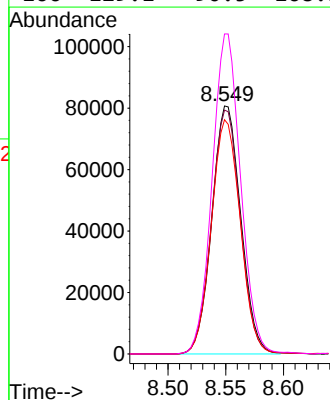
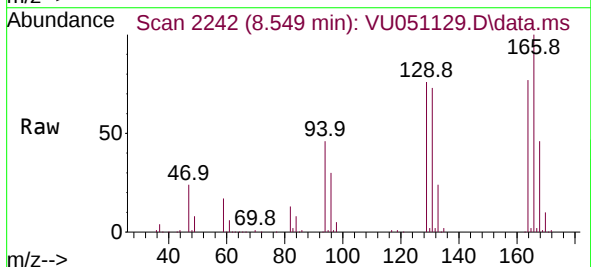
Instrument :
MSVOA_U
ClientSampleId :

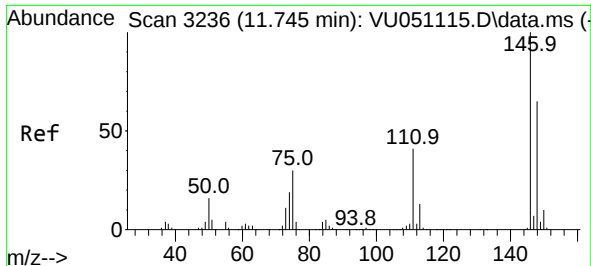
Tgt Ion: 75 Resp: 3991
Ion Ratio Lower Upper
75 100
77 38.2 22.7 42.3



#46
Tetrachloroethene
Concen: 53.633 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

Tgt Ion: 164 Resp: 140355
Ion Ratio Lower Upper
164 100
129 98.4 68.1 126.5
131 94.5 67.8 126.0
166 129.1 90.5 168.1

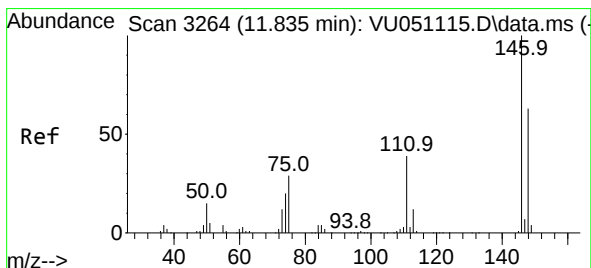
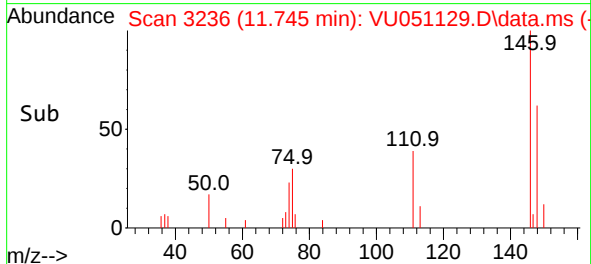
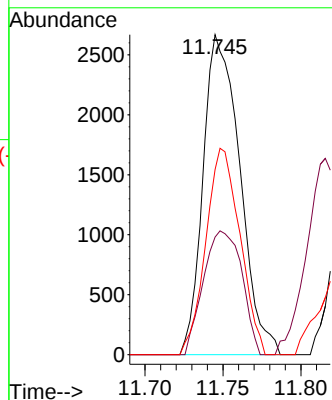
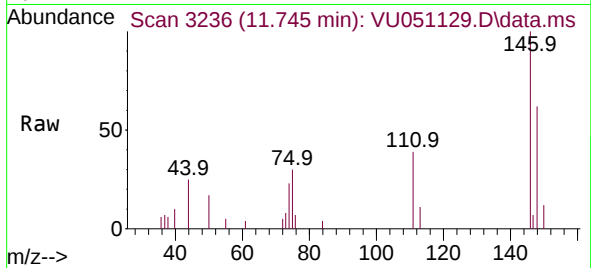




#64
1,3-Dichlorobenzene
Concen: 0.727 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

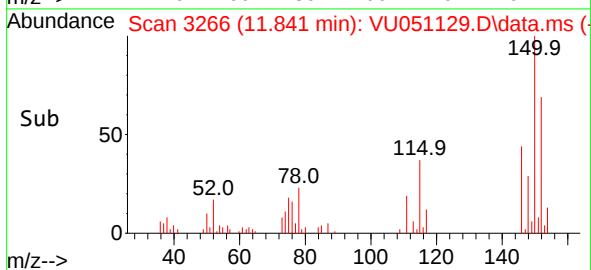
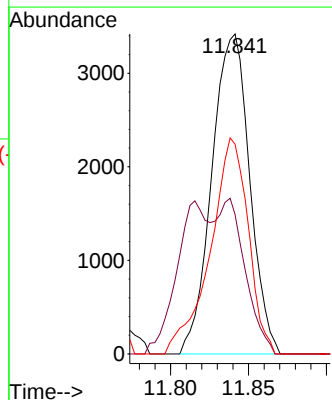
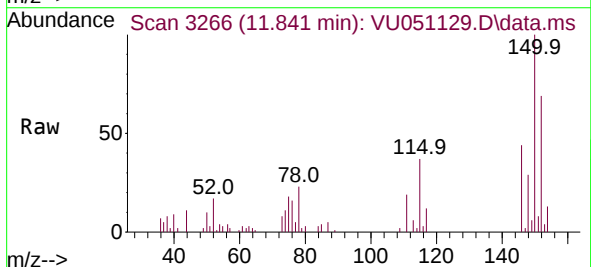
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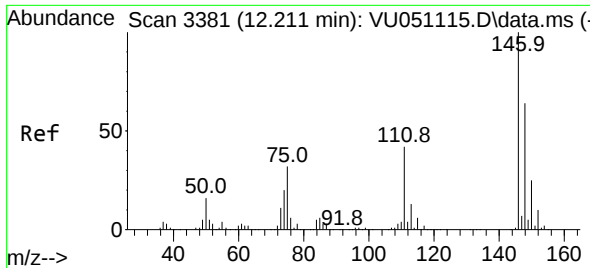
Tgt Ion:146 Resp: 4370
Ion Ratio Lower Upper
146 100
111 36.7 28.2 52.4
148 57.8 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 0.960 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.006 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

Tgt Ion:146 Resp: 5768
Ion Ratio Lower Upper
146 100
111 43.6 27.0 50.2
148 65.6 45.1 83.9

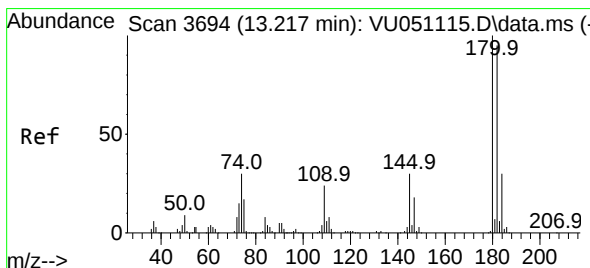
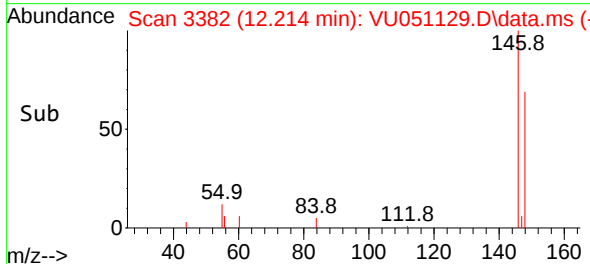
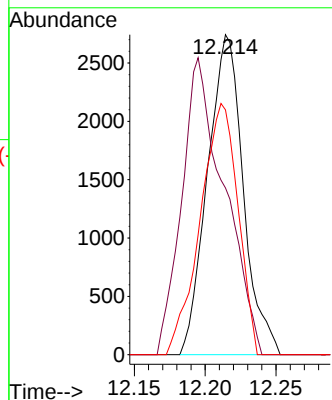
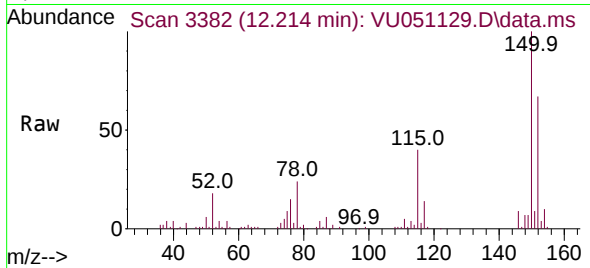




#67
1,2-Dichlorobenzene
Concen: 0.780 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

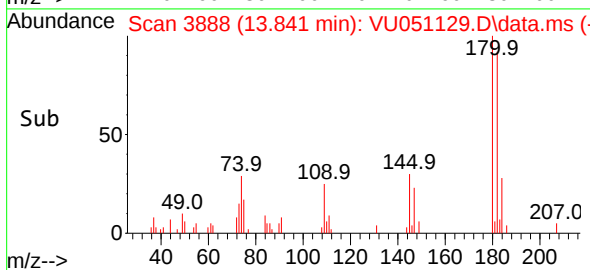
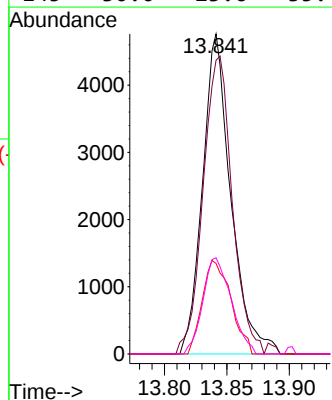
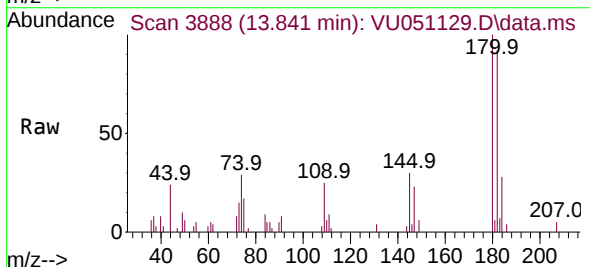
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MSVOA_U
ClientSampleId :

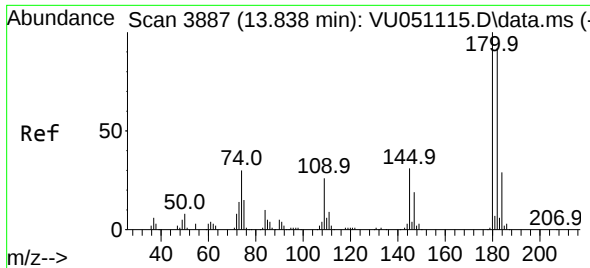
Tgt Ion:146 Resp: 4817
Ion Ratio Lower Upper
146 100
111 52.1 33.7 50.5#
148 76.5 50.8 76.2#



#69
1,3,5-Trichlorobenzene
Concen: 1.849 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

Tgt Ion:180 Resp: 7540
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.4
184 29.5 24.4 36.6
145 30.0 23.6 35.4

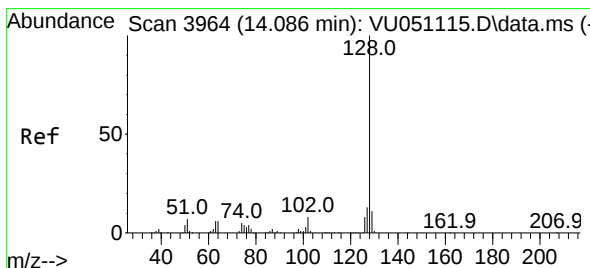
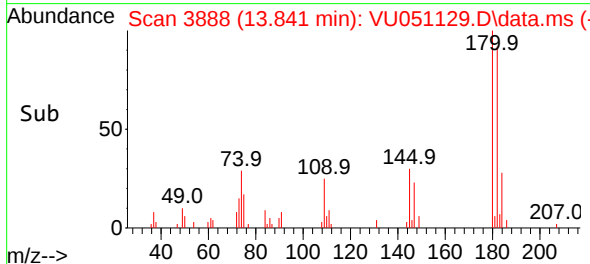
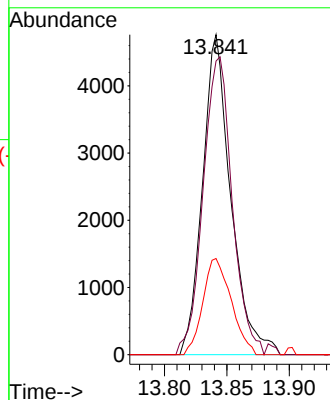
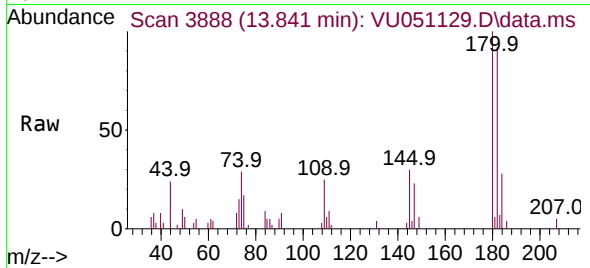




#70
1,2,4-trichlorobenzene
Concen: 2.260 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

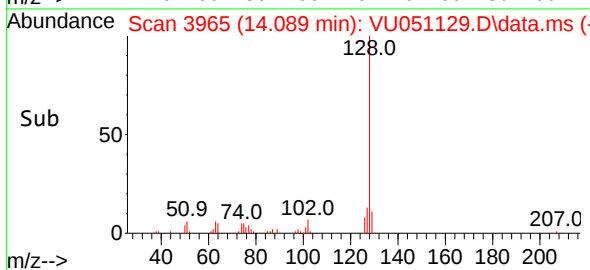
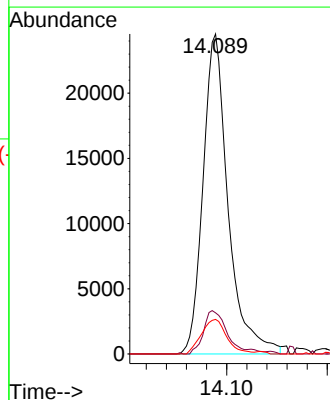
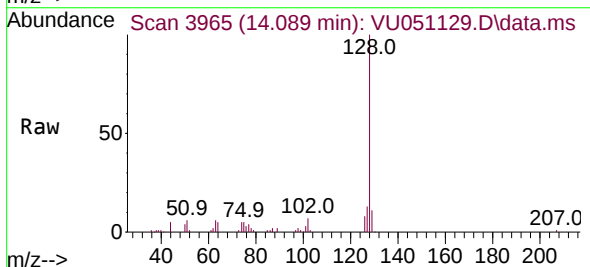
Instrument :
MSVOA_U
ClientSampleId :

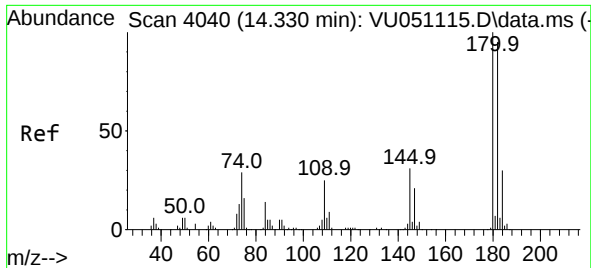
Tgt Ion:180 Resp: 7540
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 30.0 24.0 36.0



#71
Naphthalene
Concen: 3.558 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

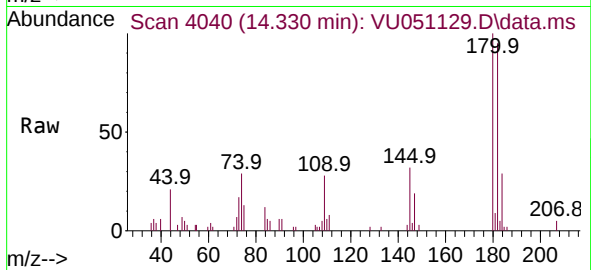
Tgt Ion:128 Resp: 42487
Ion Ratio Lower Upper
128 100
127 12.3 10.7 16.1
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.649 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU051129.D
 Acq: 05 Oct 2022 16:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	9863
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	33.2	26.1	39.1

