

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050941.D
 Acq On : 26 Sep 2022 12:52
 Operator : JC/MD
 Sample : N4747-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

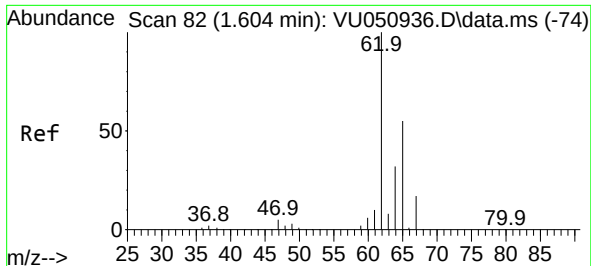
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A5

Quant Time: Sep 26 20:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	378078	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	379287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153088	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153900	39.289	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.580%	
7) Chloroethane-d5	1.912	69	132204	47.389	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.780%	
11) 1,1-Dichloroethene-d2	2.568	63	199609	32.749	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.500%	
21) 2-Butanone-d5	4.620	46	303326	119.944	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	119.940%	
24) Chloroform-d	5.060	84	304401	49.587	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.180%	
26) 1,2-Dichloroethane-d4	5.700	65	197996	52.337	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.680%	
32) Benzene-d6	5.726	84	594767	47.608	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.220%	
36) 1,2-Dichloropropane-d6	6.690	67	207233	49.143	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.280%	
41) Toluene-d8	7.896	98	493081	45.153	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.300%	
43) trans-1,3-Dichloroprop...	8.179	79	84959	46.312	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.620%	
47) 2-Hexanone-d5	8.632	63	169903	97.769	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	97.770%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	317943	49.453	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.900%	
66) 1,2-Dichlorobenzene-d4	12.192	152	178976	55.838	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.680%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	4988	1.119	ug/L #	25
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1314	0.425	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1719	0.591	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	45372	13.736	ug/L	94
34) Trichloroethene	6.542	95	192642	59.415	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	5123	1.002	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	3811	0.784	ug/L	85

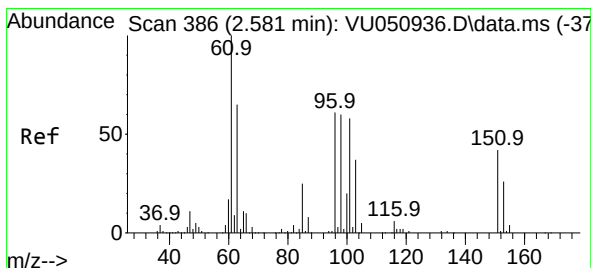
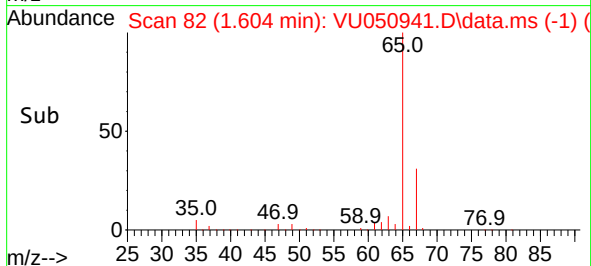
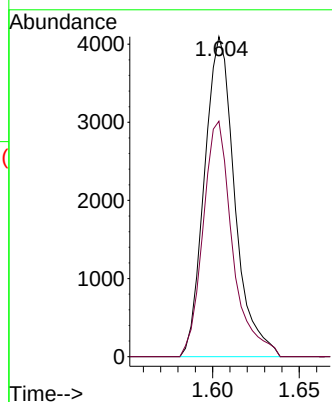
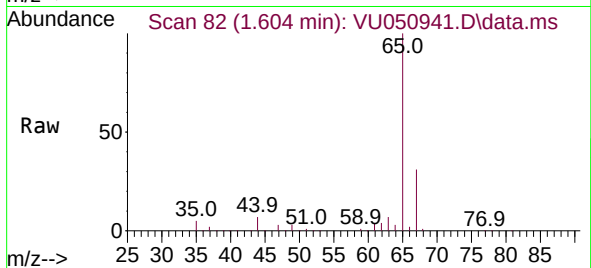
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.119 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
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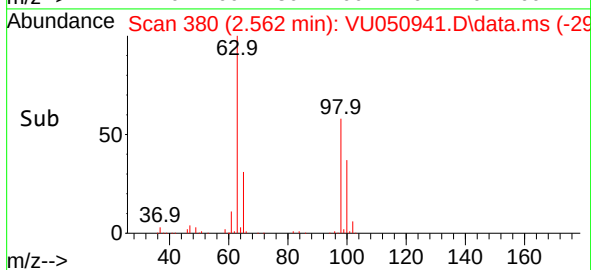
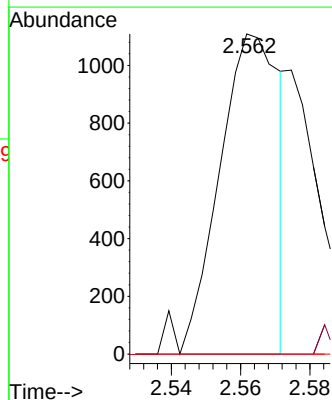
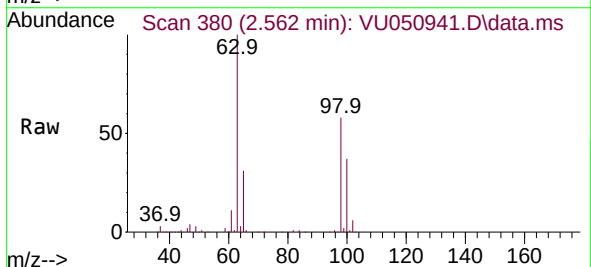
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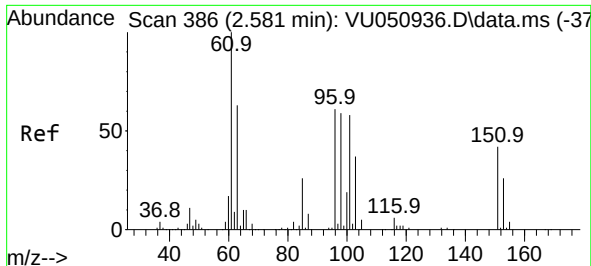
Tgt Ion: 62 Resp: 4988
 Ion Ratio Lower Upper
 62 100
 64 73.6 22.2 41.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.425 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU050941.D
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Tgt Ion: 101 Resp: 1314
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#

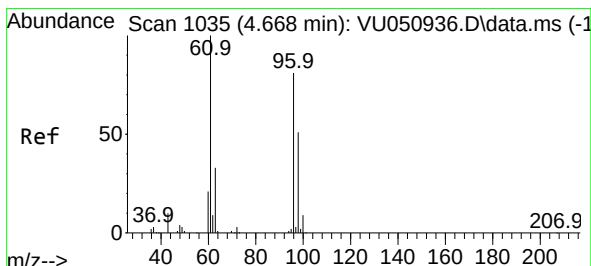
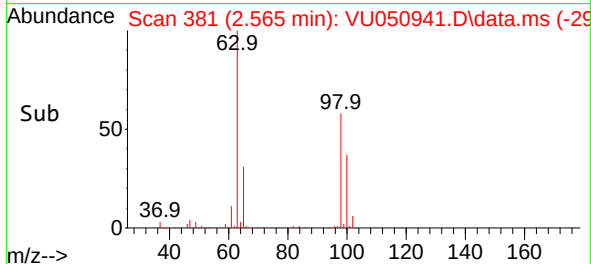
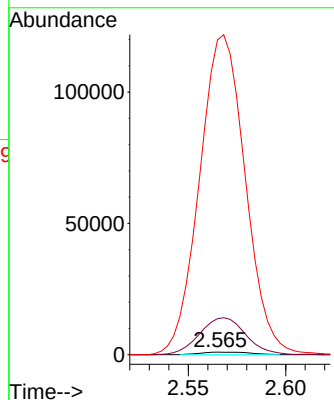
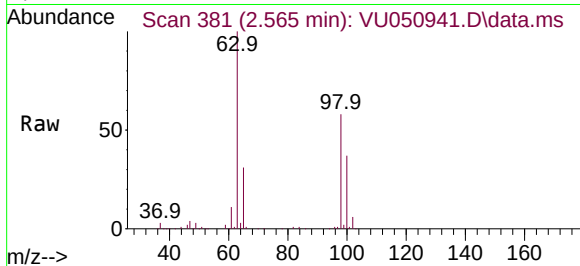




#12
 1,1-Dichloroethene
 Concen: 0.591 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU050941.D
 Acq: 26 Sep 2022 12:52

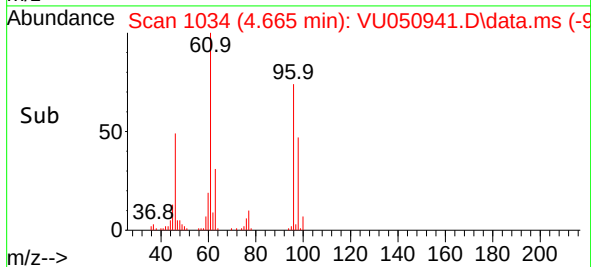
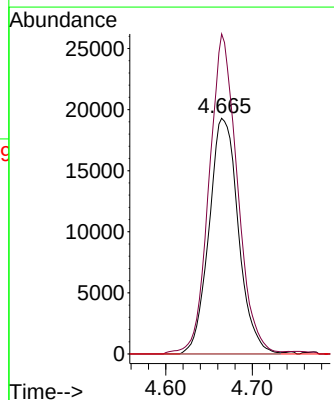
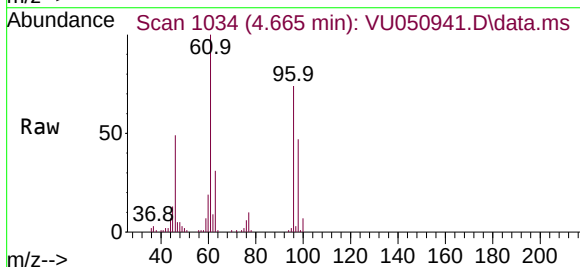
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A5

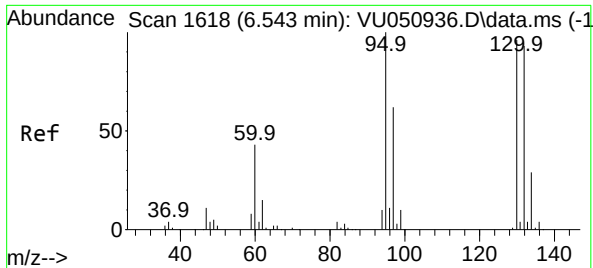
Tgt Ion: 96 Resp: 1719
 Ion Ratio Lower Upper
 96 100
 61 1389.1 118.6 220.2#
 63 12129.6 90.4 168.0#



#20
 cis-1,2-Dichloroethene
 Concen: 13.736 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU050941.D
 Acq: 26 Sep 2022 12:52

Tgt Ion: 96 Resp: 45372
 Ion Ratio Lower Upper
 96 100
 61 135.8 90.1 167.3
 68 0.0 0.0 0.0



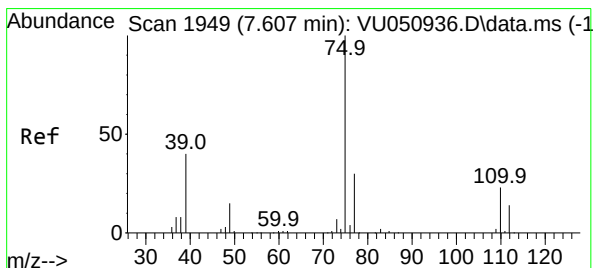
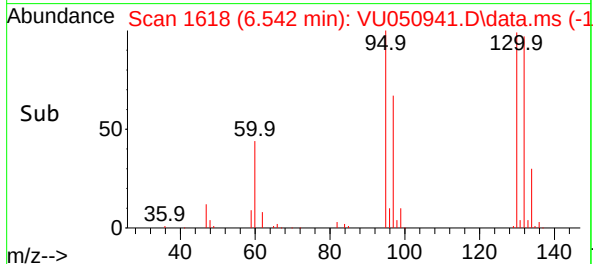
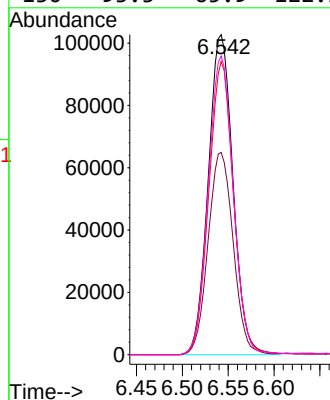
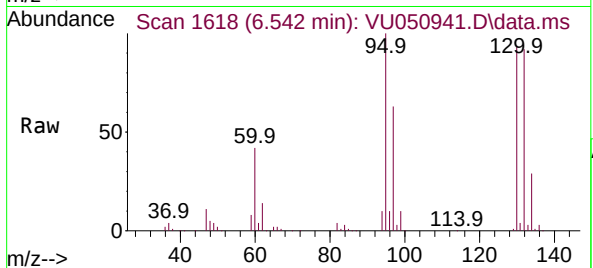


#34
Trichloroethene
Concen: 59.415 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050941.D
Acq: 26 Sep 2022 12:52

Instrument :
MSVOA_U
ClientSampleId :
E45A5

Tgt Ion: 95 Resp: 192642

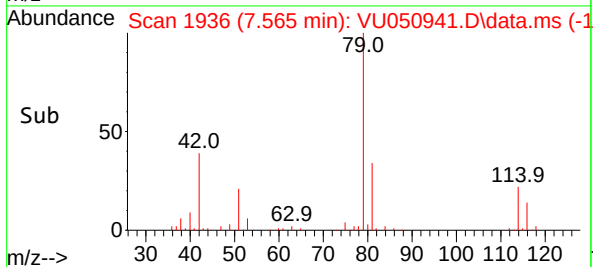
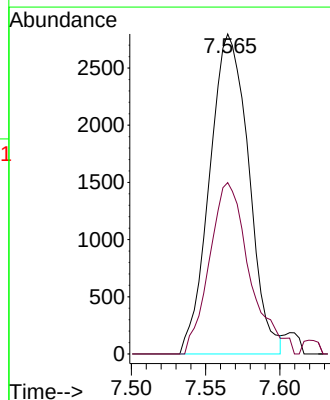
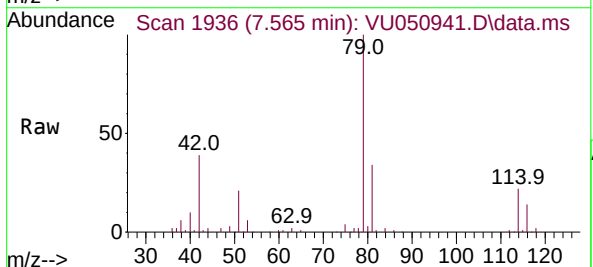
Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.9	81.5
132	91.6	63.1	117.1
130	93.3	65.9	122.3

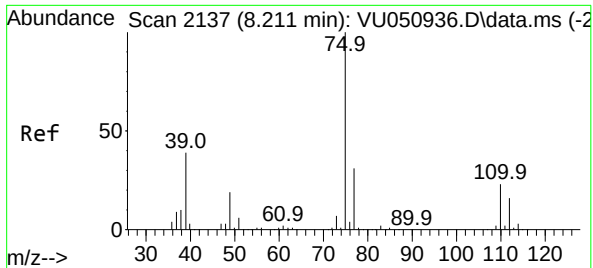


#39
cis-1,3-Dichloropropene
Concen: 1.002 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050941.D
Acq: 26 Sep 2022 12:52

Tgt Ion: 75 Resp: 5123

Ion	Ratio	Lower	Upper
75	100		
77	53.5	22.8	42.4





#44
 trans-1,3-Dichloropropene
 Concen: 0.784 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU050941.D
 Acq: 26 Sep 2022 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A5

Tgt Ion: 75 Resp: 3811
 Ion Ratio Lower Upper
 75 100
 77 39.7 21.9 40.7

