

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051060.D
 Acq On : 01 Oct 2022 01:52
 Operator : JC/MD
 Sample : N4869-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:31:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

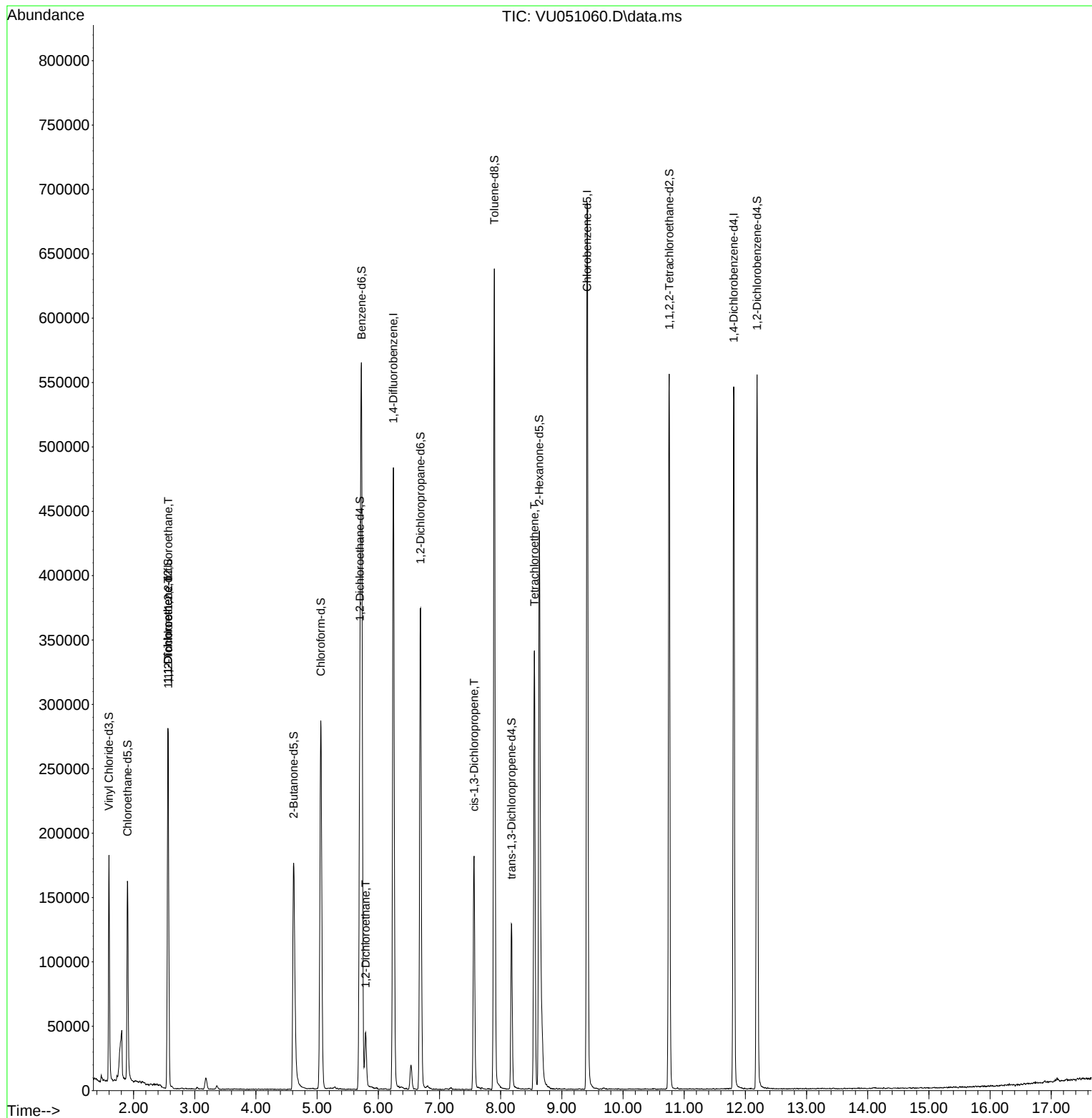
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	379324	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	384353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	143312	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	127213	33.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.180%		
7) Chloroethane-d5	1.900	69	118704	33.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.480%#		
11) 1,1-Dichloroethene-d2	2.562	63	166707	29.357	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.720%#		
21) 2-Butanone-d5	4.616	46	243594	97.698	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.700%		
24) Chloroform-d	5.060	84	267570	43.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.400%		
26) 1,2-Dichloroethane-d4	5.700	65	176617	46.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.140%		
32) Benzene-d6	5.726	84	519682	46.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
36) 1,2-Dichloropropane-d6	6.690	67	182167	49.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.760%		
41) Toluene-d8	7.896	98	419350	40.326	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.660%		
43) trans-1,3-Dichloroprop...	8.176	79	71094	40.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.620%		
47) 2-Hexanone-d5	8.629	63	132578	89.901	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.900%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	281545	44.109	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144100	47.068	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.140%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1604	0.554	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1512	0.559	ug/L #	1
27) 1,2-Dichloroethane	5.793	62	34027	7.471	ug/L	98
39) cis-1,3-Dichloropropene	7.565	75	4486	1.004	ug/L #	67
46) Tetrachloroethene	8.552	164	73653	32.023	ug/L	98

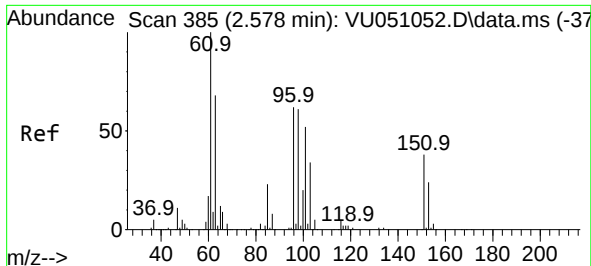
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.554 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051060.D

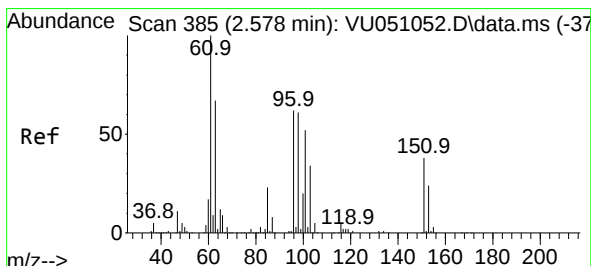
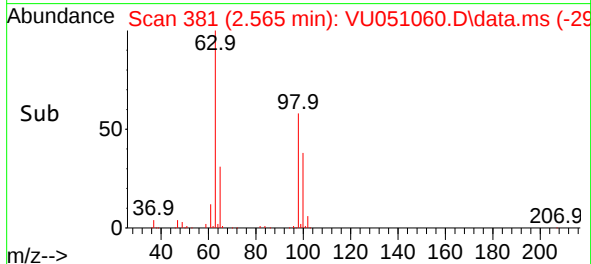
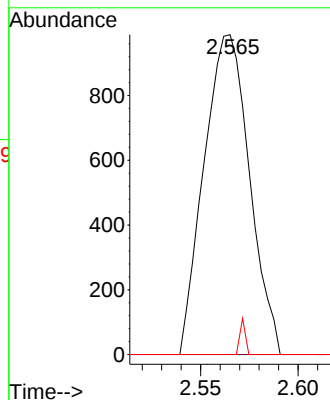
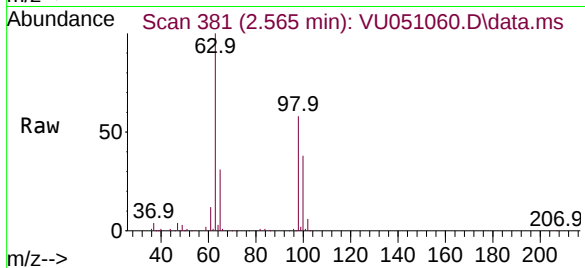
Acq: 01 Oct 2022 01:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1604
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	58.6	87.8#



#12

1,1-Dichloroethene

Concen: 0.559 ug/L

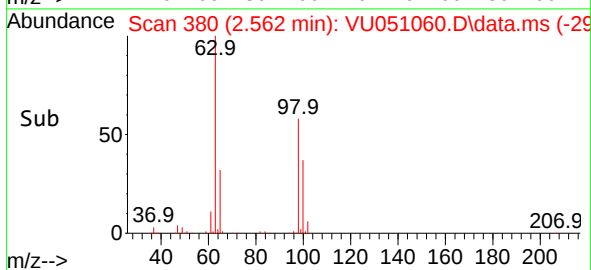
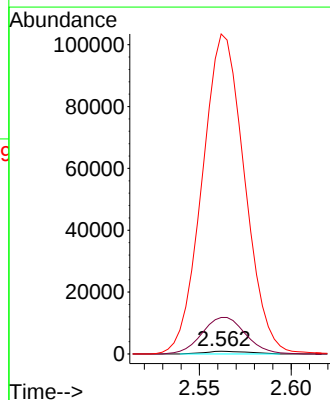
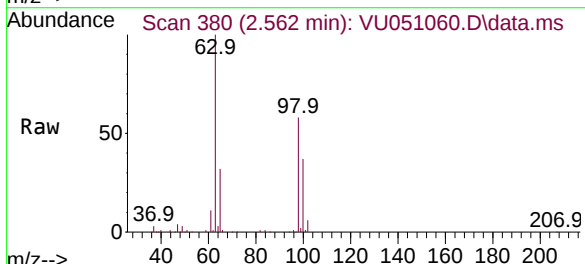
RT: 2.562 min Scan# 380

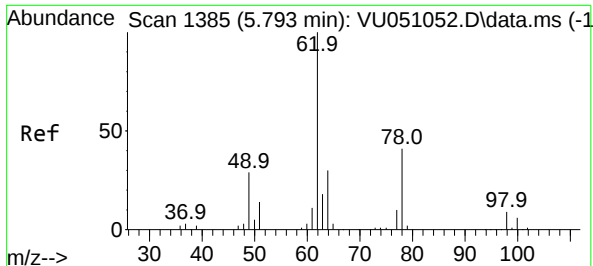
Delta R.T. -0.016 min

Lab File: VU051060.D

Acq: 01 Oct 2022 01:52

Tgt Ion:	96	Resp:	1512
Ion	Ratio	Lower	Upper
96	100		
61	1301.4	113.0	209.9#
63	11408.2	91.7	170.3#

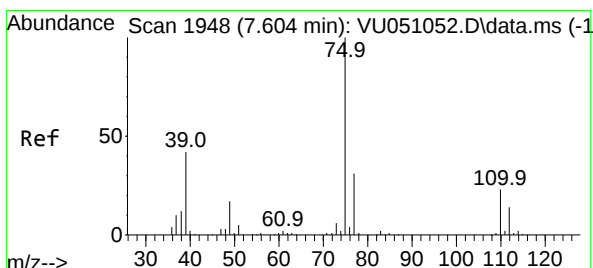
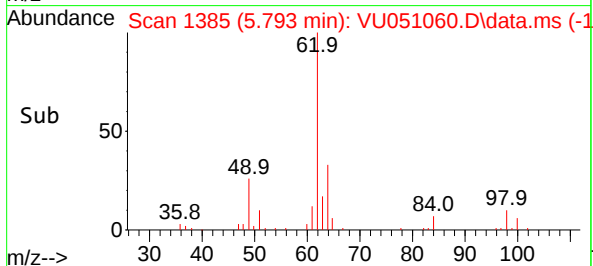
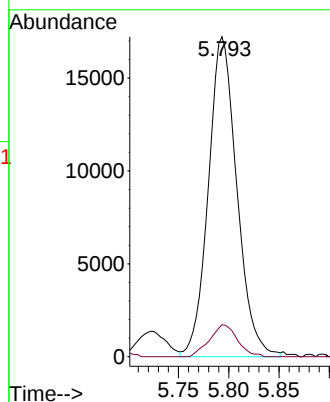
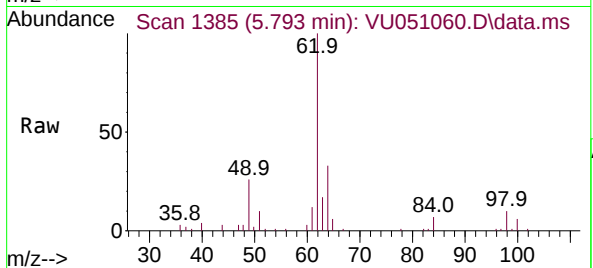




#27
1,2-Dichloroethane
Concen: 7.471 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU051060.D
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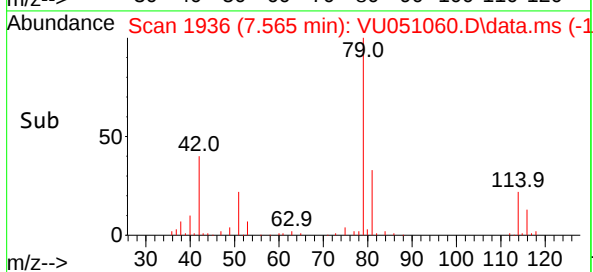
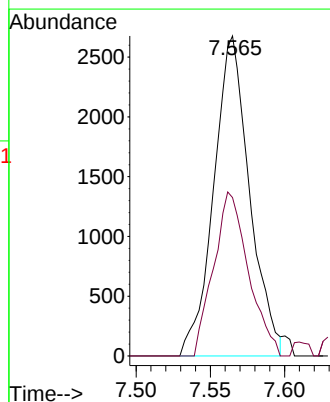
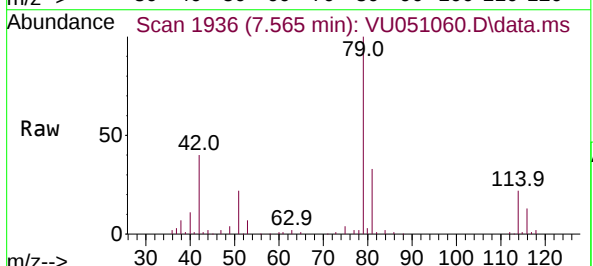
Instrument :
MSVOA_U
ClientSampleId :

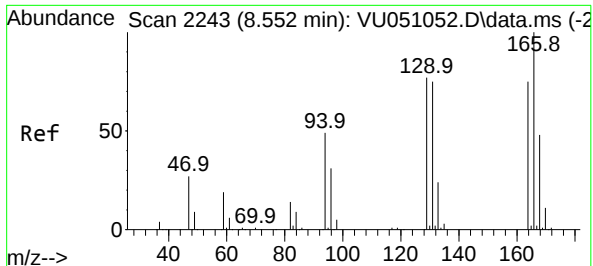
Tgt Ion: 62 Resp: 34027
Ion Ratio Lower Upper
62 100
98 10.0 7.3 10.9



#39
cis-1,3-Dichloropropene
Concen: 1.004 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.039 min
Lab File: VU051060.D
Acq: 01 Oct 2022 01:52

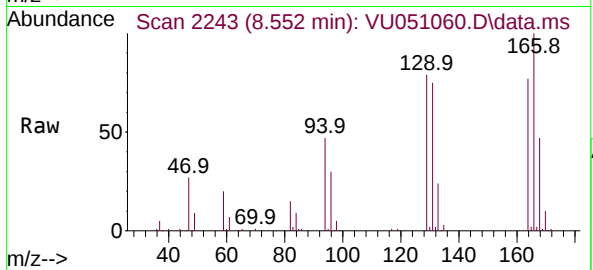
Tgt Ion: 75 Resp: 4486
Ion Ratio Lower Upper
75 100
77 49.5 22.0 41.0#





#46
Tetrachloroethene
Concen: 32.023 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051060.D
Acq: 01 Oct 2022 01:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	164	Resp:	73653
Ion	Ratio	Lower	Upper
164	100		
129	102.7	68.1	126.5
131	97.1	67.8	126.0
166	129.9	90.5	168.1

