

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030545.D
 Acq On : 10 Aug 2022 12:26
 Operator : JC/MD
 Sample : N4114-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E43DL

Quant Time: Aug 10 13:07:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

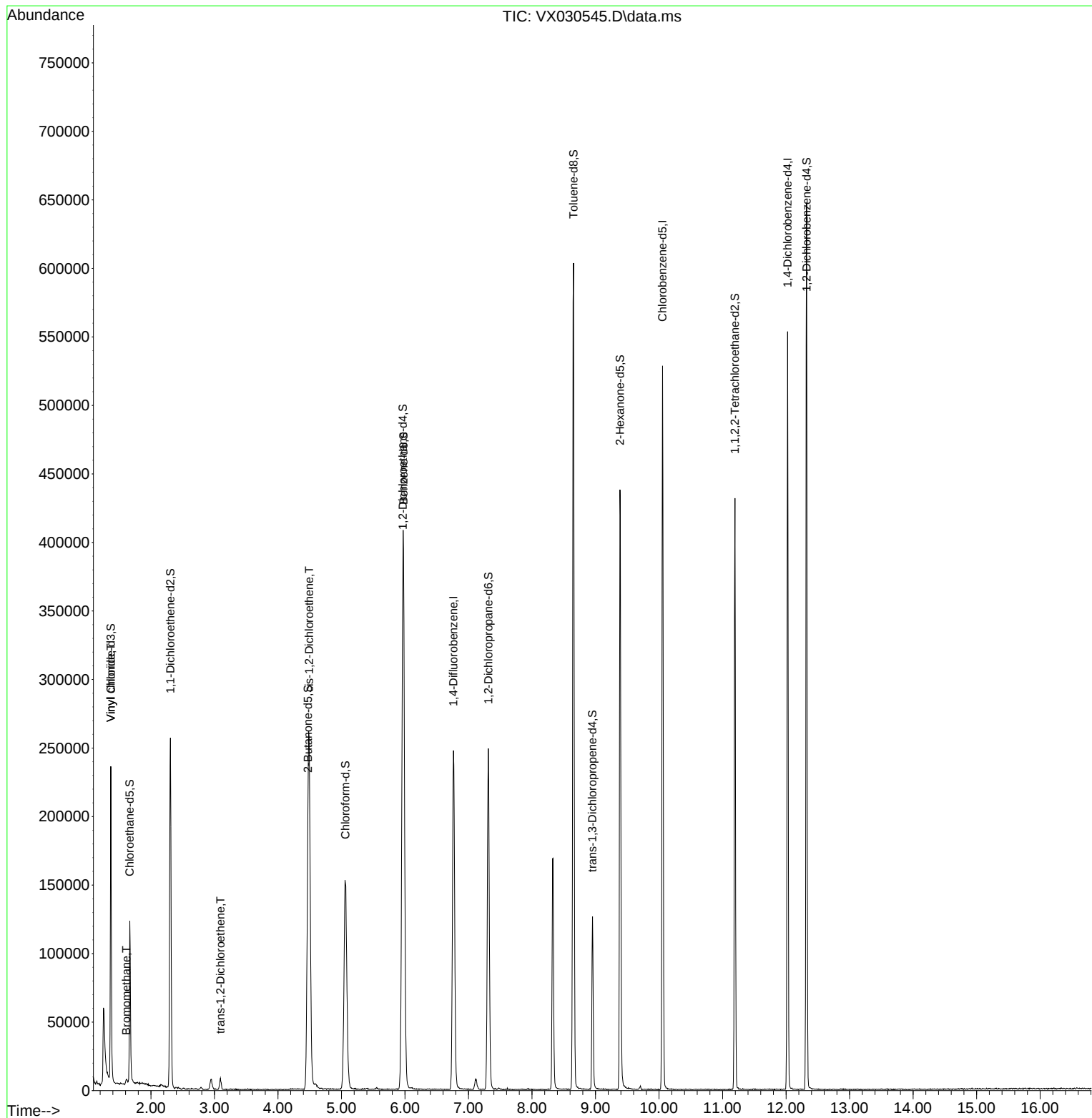
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	240922	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	220728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91486	59.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 118.260%	
7) Chloroethane-d5	1.666	69	71312	65.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 130.760%#	
11) 1,1-Dichloroethene-d2	2.306	63	147252	50.315	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.620%	
21) 2-Butanone-d5	4.471	46	182762	127.492	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 127.490%	
24) Chloroform-d	5.062	84	188815	59.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.560%	
26) 1,2-Dichloroethane-d4	5.964	65	135212	62.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 125.040%#	
32) Benzene-d6	5.976	84	376011	59.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.940%	
36) 1,2-Dichloropropane-d6	7.312	67	122579	59.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 119.520%	
41) Toluene-d8	8.653	98	341498	57.300	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.600%	
43) trans-1,3-Dichloroprop...	8.952	79	57825	56.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.320%	
47) 2-Hexanone-d5	9.384	63	121003	115.724	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 115.720%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	161974	60.106	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 120.220%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	117816	60.695	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 121.380%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.368	62	51879	31.157	ug/L	92
6) Bromomethane	1.611	94	1301	1.663	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	2766	1.771	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	115273	65.594	ug/L	100

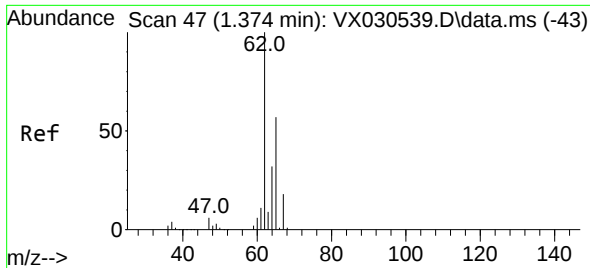
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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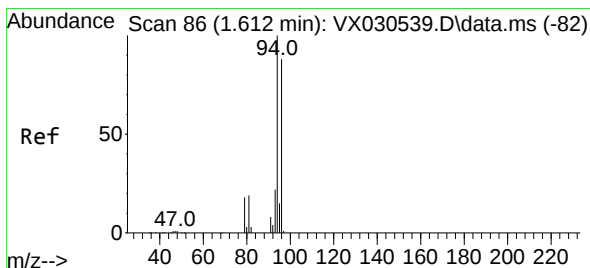
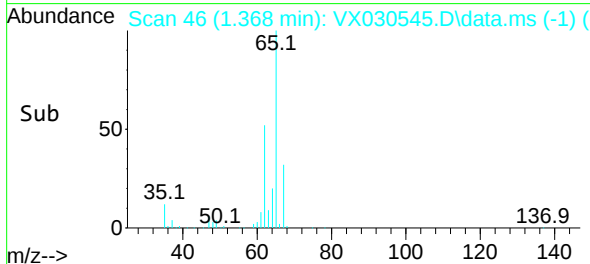
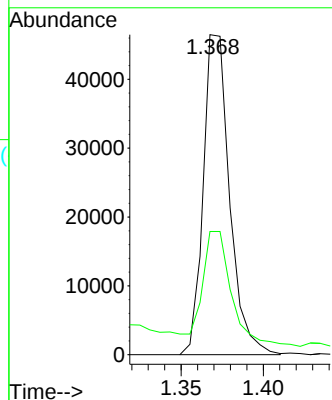
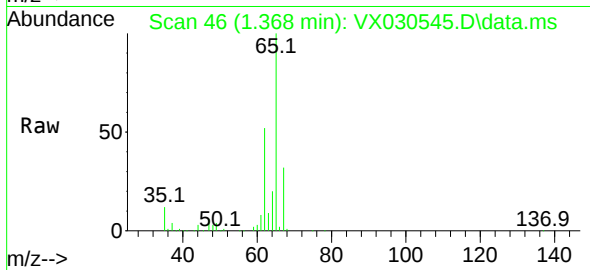




#5
 Vinyl chloride
 Concen: 31.157 ug/L
 RT: 1.368 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030545.D
 Acq: 10 Aug 2022 12:26

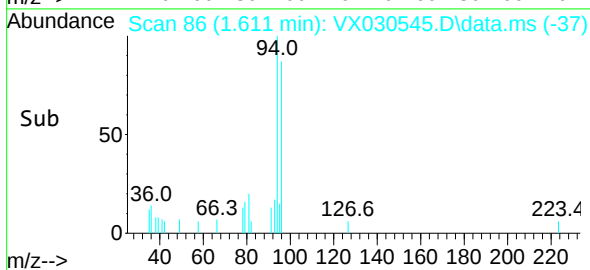
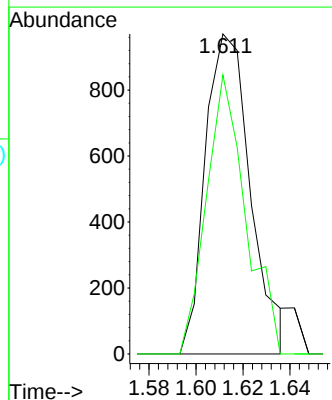
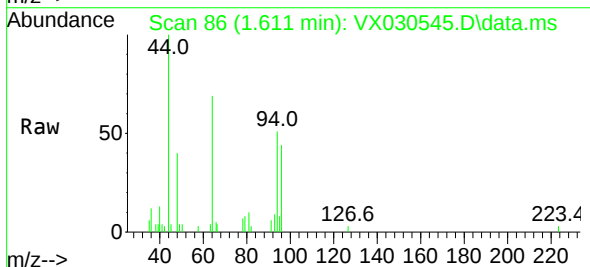
Instrument :
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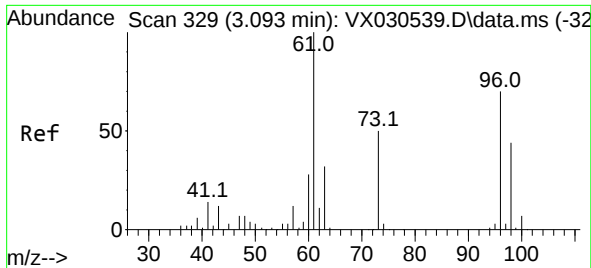
Tgt Ion: 62 Resp: 51879
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.8 44.2



#6
 Bromomethane
 Concen: 1.663 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030545.D
 Acq: 10 Aug 2022 12:26

Tgt Ion: 94 Resp: 1301
 Ion Ratio Lower Upper
 94 100
 96 87.2 63.8 118.6

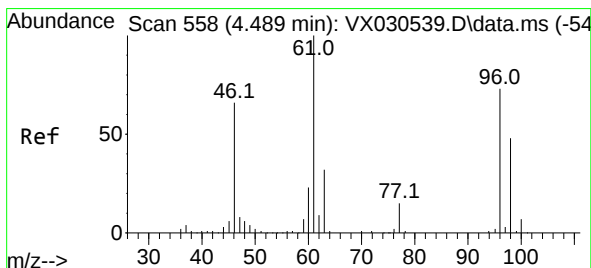
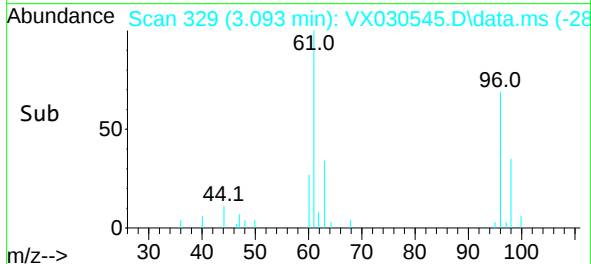
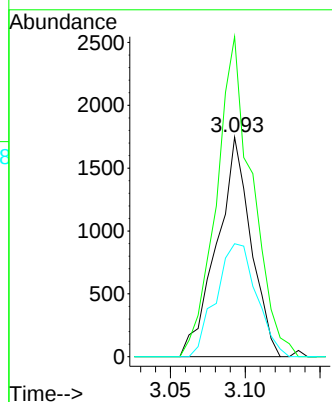
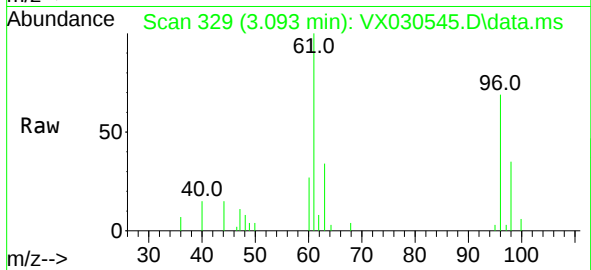




#17
 trans-1,2-Dichloroethene
 Concen: 1.771 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. -0.000 min
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Instrument :
 MSVOA_X
 ClientSampleId :
 F5E43DL

Tgt Ion: 96 Resp: 2766
 Ion Ratio Lower Upper
 96 100
 61 145.7 103.7 192.5
 98 51.5 41.5 77.1



#20
 cis-1,2-Dichloroethene
 Concen: 65.594 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX030545.D
 Acq: 10 Aug 2022 12:26

Tgt Ion: 96 Resp: 115273
 Ion Ratio Lower Upper
 96 100
 61 134.8 94.0 174.6
 68 0.0 0.0 0.0

