

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030560.D
 Acq On : 10 Aug 2022 18:19
 Operator : JC/MD
 Sample : N4114-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D74RE

Quant Time: Aug 10 19:36:38 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

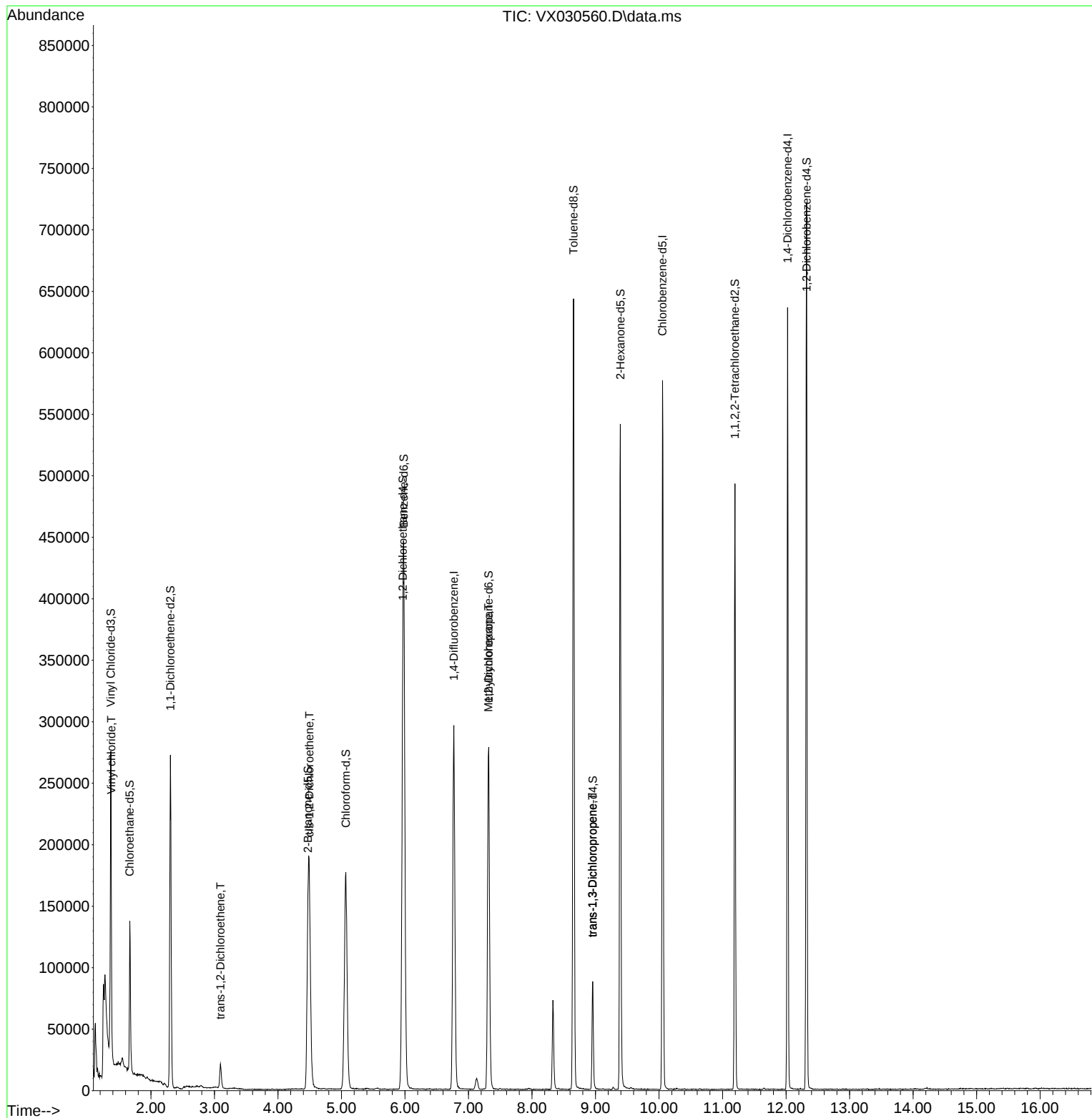
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		6.769	114	275190	50.000	ug/L	0.00
28) Chlorobenzene-d5		10.055	117	239068	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		12.024	152	111515	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.368	65	97614	55.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.480%	
7) Chloroethane-d5		1.666	69	74392	59.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.420%	
11) 1,1-Dichloroethene-d2		2.306	63	147750	44.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%	
21) 2-Butanone-d5		4.471	46	221392	135.208	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.210%#	
24) Chloroform-d		5.068	84	209846	57.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.360%	
26) 1,2-Dichloroethane-d4		5.964	65	150101	60.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.540%	
32) Benzene-d6		5.983	84	408357	59.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.260%	
36) 1,2-Dichloropropane-d6		7.318	67	140147	63.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.160%#	
41) Toluene-d8		8.653	98	360573	55.859	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.720%	
43) trans-1,3-Dichloroprop...		8.958	79	39957	36.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.300%	
47) 2-Hexanone-d5		9.390	63	147742	130.457	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.460%#	
56) 1,1,2,2-Tetrachloroeth...		11.195	84	184332	63.155	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.300%#	
66) 1,2-Dichlorobenzene-d4		12.323	152	129801	60.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.020%#	
Target Compounds							Qvalue
5) Vinyl chloride		1.374	62	66564	34.999	ug/L	# 74
17) trans-1,2-Dichloroethene		3.093	96	7497	4.201	ug/L	89
20) cis-1,2-Dichloroethene		4.495	96	58981	29.383	ug/L	96
35) Methylcyclohexane		7.312	83	32230	9.973	ug/L	# 19
44) trans-1,3-Dichloropropene		8.952	75	2031	0.683	ug/L	100

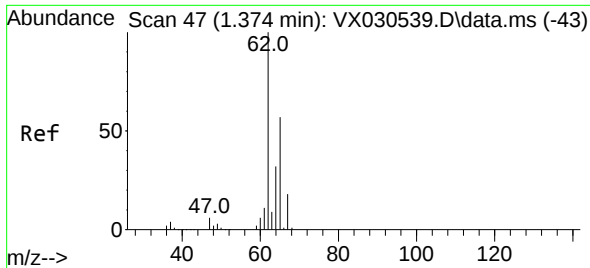
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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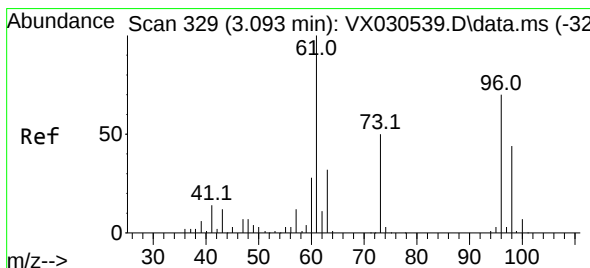
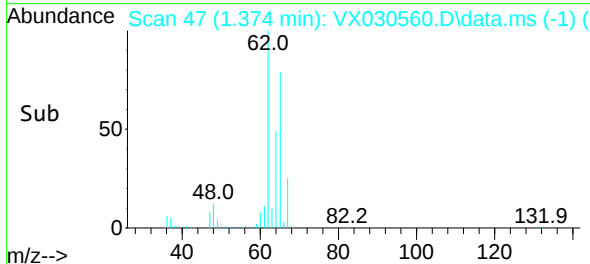
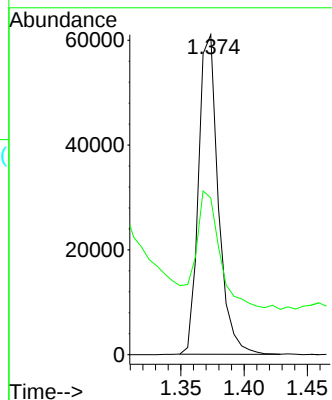
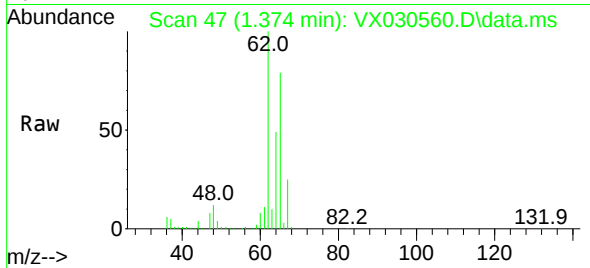




#5
 Vinyl chloride
 Concen: 34.999 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030560.D
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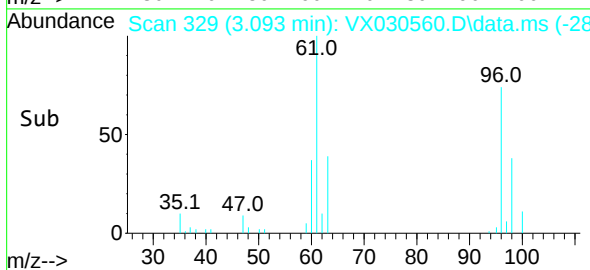
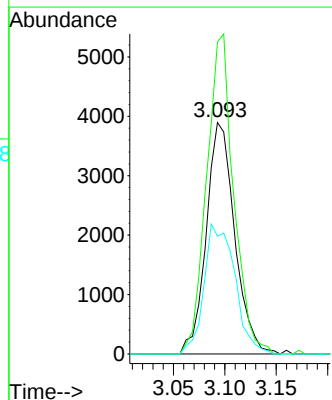
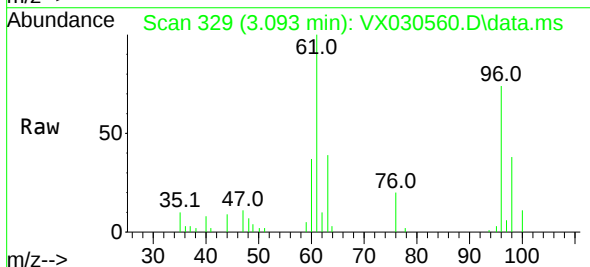
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D74RE

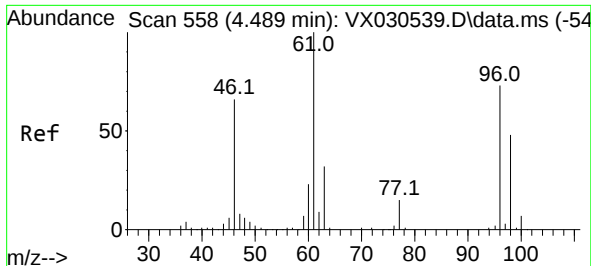
Tgt Ion: 62 Resp: 66564
 Ion Ratio Lower Upper
 62 100
 64 49.0 23.8 44.2#



#17
 trans-1,2-Dichloroethene
 Concen: 4.201 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. -0.000 min
 Lab File: VX030560.D
 Acq: 10 Aug 2022 18:19

Tgt Ion: 96 Resp: 7497
 Ion Ratio Lower Upper
 96 100
 61 134.7 103.7 192.5
 98 50.8 41.5 77.1

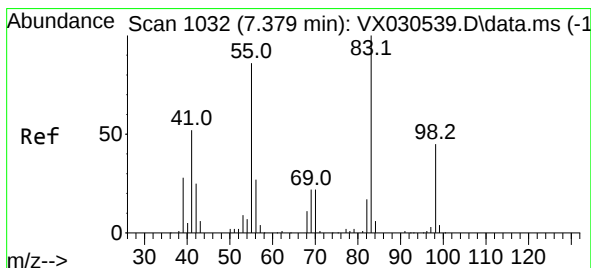
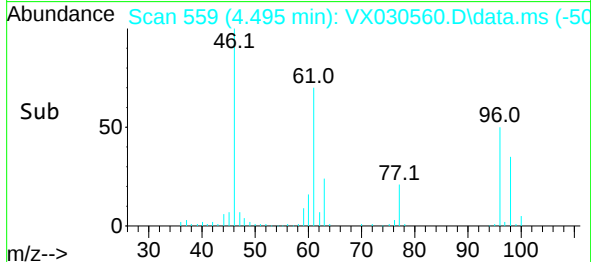
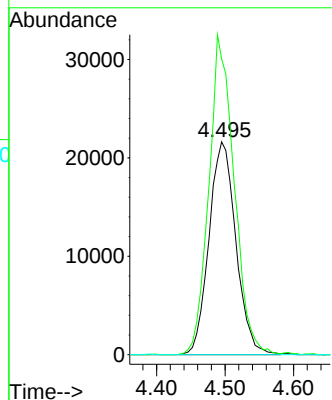
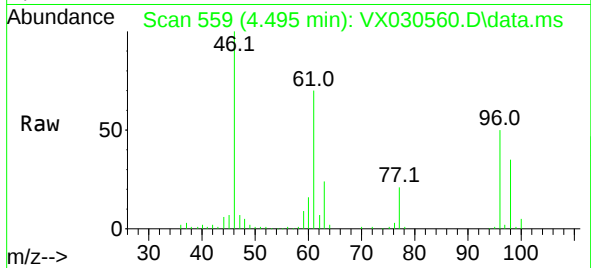




#20
 cis-1,2-Dichloroethene
 Concen: 29.383 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX030560.D
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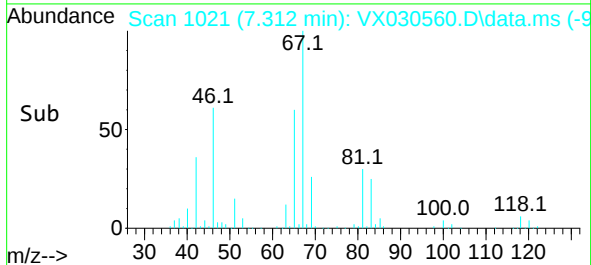
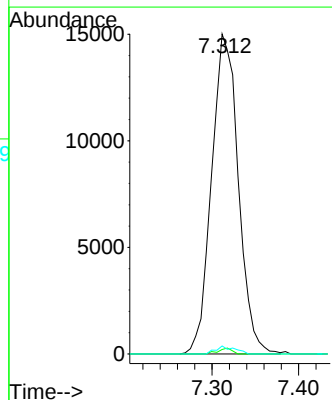
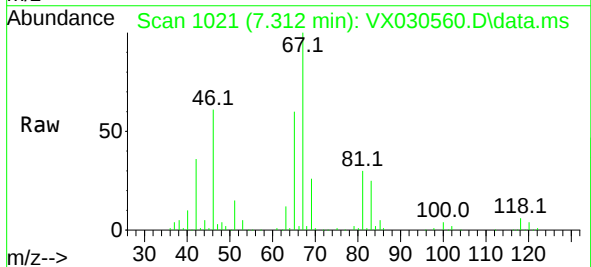
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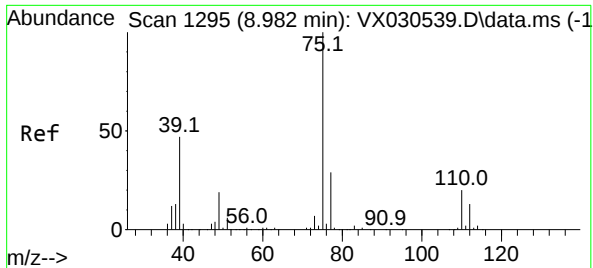
Tgt Ion: 96 Resp: 58981
 Ion Ratio Lower Upper
 96 100
 61 138.8 94.0 174.6
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 9.973 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.073 min
 Lab File: VX030560.D
 Acq: 10 Aug 2022 18:19

Tgt Ion: 83 Resp: 32230
 Ion Ratio Lower Upper
 83 100
 55 0.9 64.0 96.0#
 98 1.8 36.7 55.1#





#44

trans-1,3-Dichloropropene

Concen: 0.683 ug/L

RT: 8.952 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX030560.D

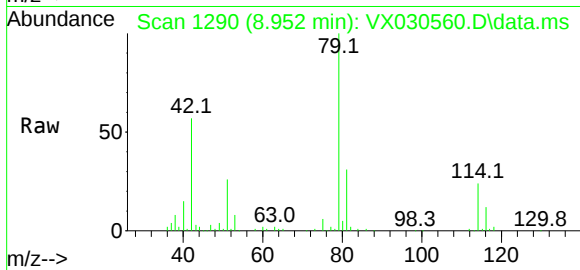
Acq: 10 Aug 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

F5D74RE



Tgt Ion: 75 Resp: 2031

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7

