

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029447.D
 Acq On : 14 Jun 2022 05:00
 Operator : JC/MD
 Sample : N3249-16DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX4DL

Quant Time: Jun 14 06:46:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

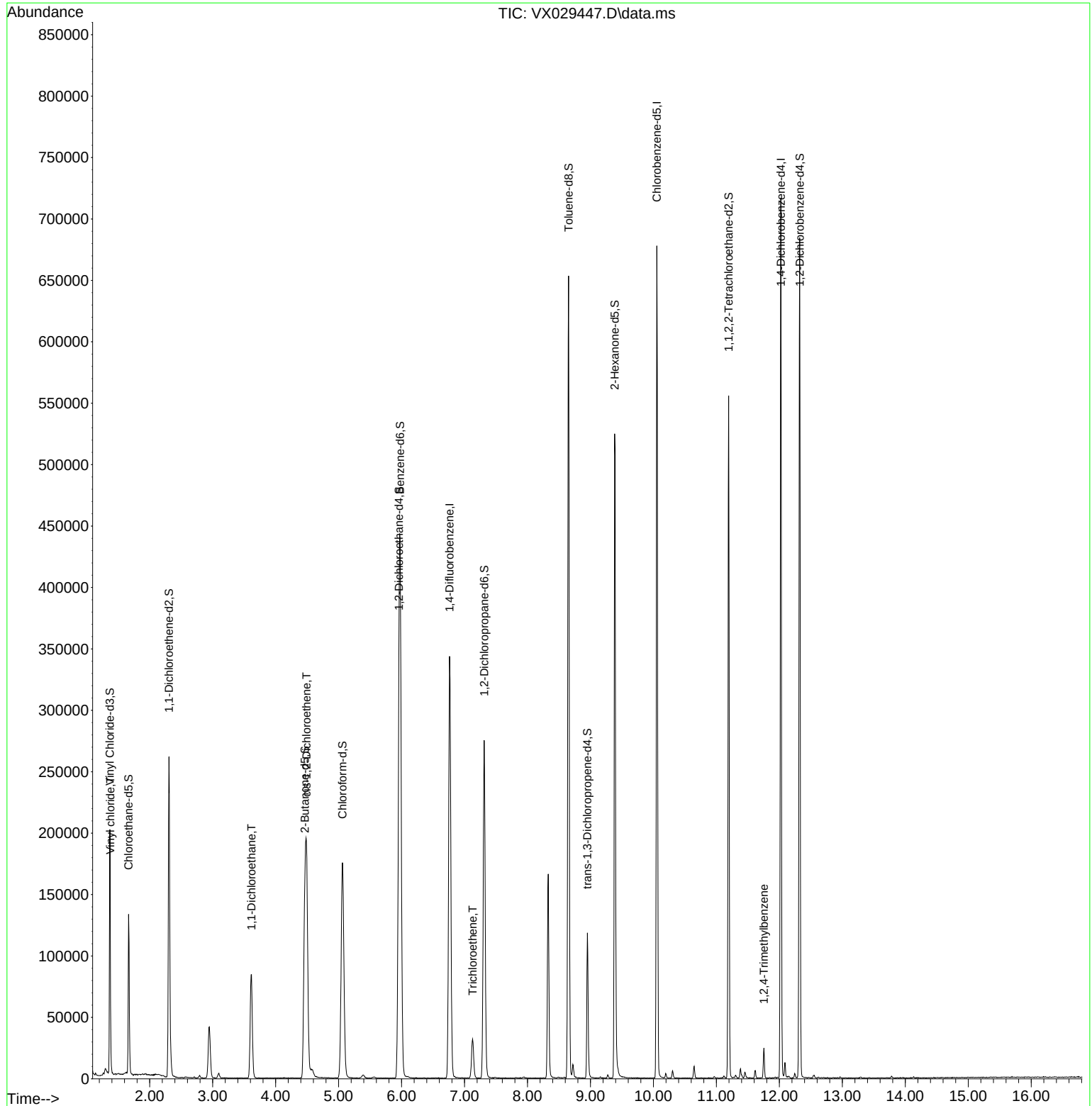
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	357173	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	312370	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106077	38.358	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.720%		
7) Chloroethane-d5	1.666	69	85884	49.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.940%		
11) 1,1-Dichloroethene-d2	2.306	63	145518	29.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.420%#		
21) 2-Butanone-d5	4.465	46	216093	103.061	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.060%		
24) Chloroform-d	5.062	84	230989	43.748	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.500%		
26) 1,2-Dichloroethane-d4	5.958	65	154243	45.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
32) Benzene-d6	5.977	84	453936	46.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.040%		
36) 1,2-Dichloropropane-d6	7.312	67	140911	49.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.620%		
41) Toluene-d8	8.653	98	386716	42.040	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.080%		
43) trans-1,3-Dichloroprop...	8.952	79	56716	40.248	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.500%		
47) 2-Hexanone-d5	9.384	63	162459	105.103	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.100%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	210019	50.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.240%		
66) 1,2-Dichlorobenzene-d4	12.323	152	138919	47.275	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.560%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	24083	7.741	ug/L	85
19) 1,1-Dichloroethane	3.617	63	96257	21.011	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	97027	33.098	ug/L	98
34) Trichloroethene	7.129	95	11736	3.260	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	11202	1.197	ug/L	94

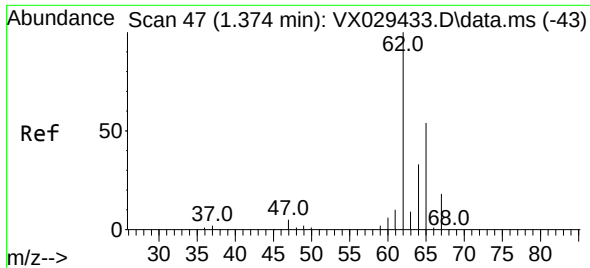
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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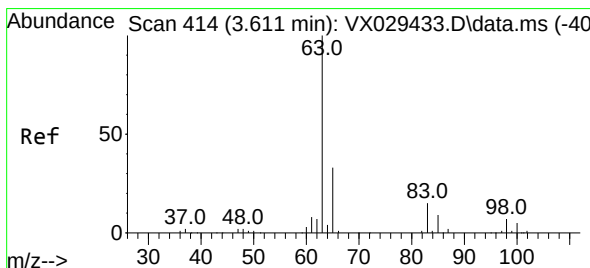
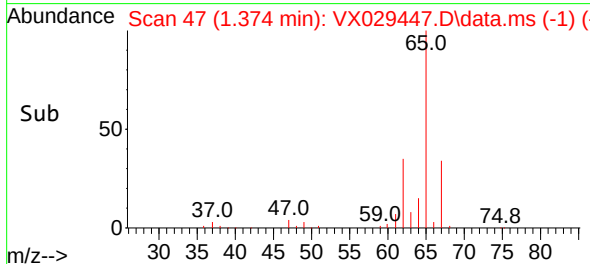
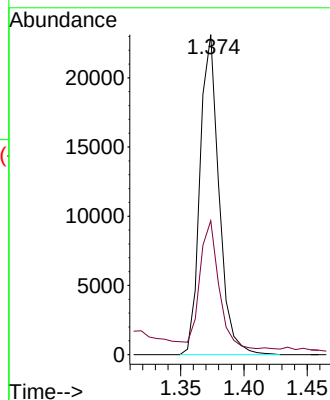
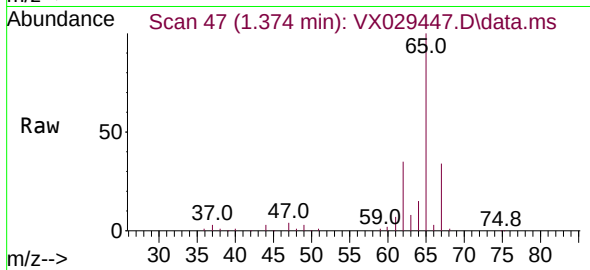




#5
 Vinyl chloride
 Concen: 7.741 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029447.D
 Acq: 14 Jun 2022 05:00

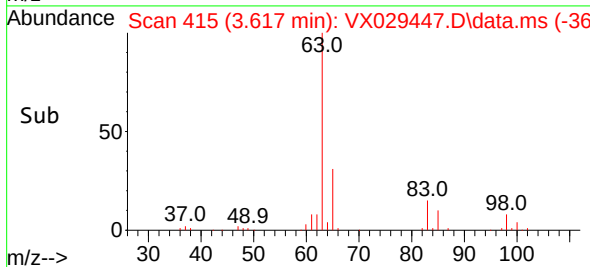
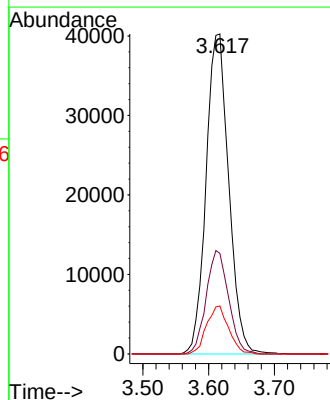
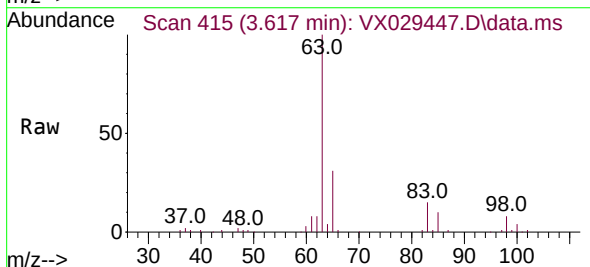
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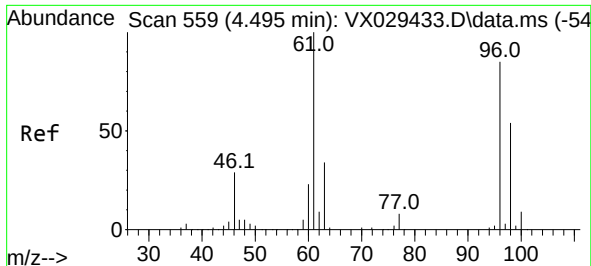
Tgt Ion: 62 Resp: 24083
 Ion Ratio Lower Upper
 62 100
 64 41.8 23.3 43.3



#19
 1,1-Dichloroethane
 Concen: 21.011 ug/L
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX029447.D
 Acq: 14 Jun 2022 05:00

Tgt Ion: 63 Resp: 96257
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.9 42.5
 83 15.0 10.1 18.9

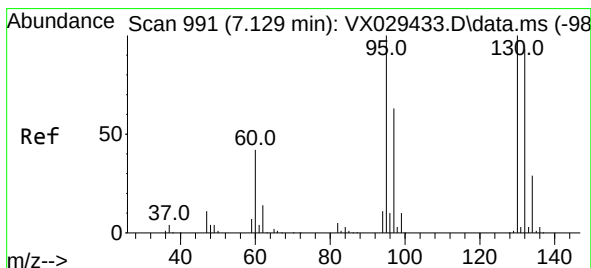
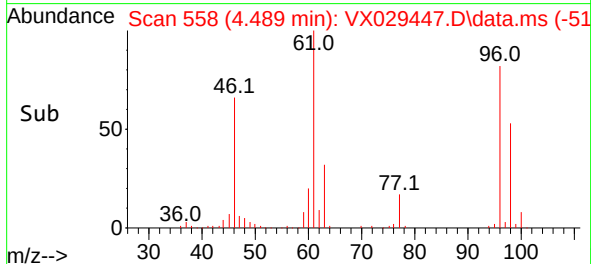
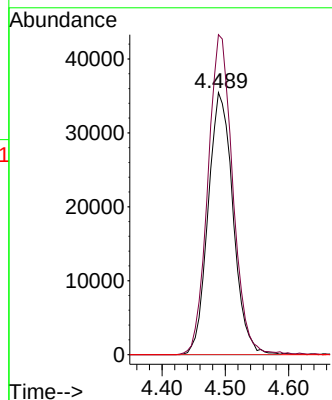
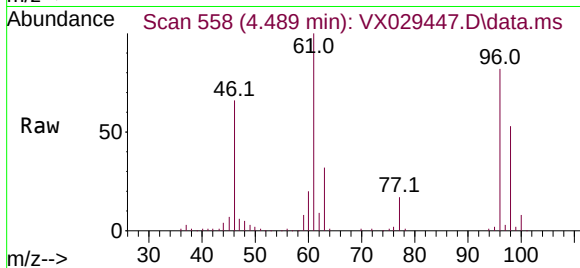




#20
cis-1,2-Dichloroethene
Concen: 33.098 ug/L
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX029447.D
Acq: 14 Jun 2022 05:00

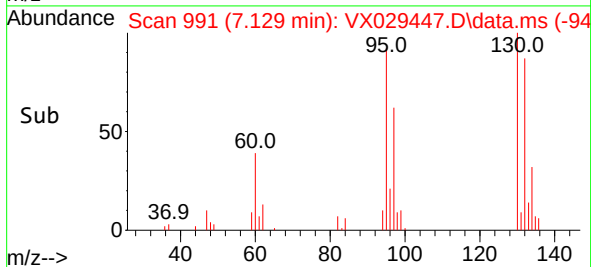
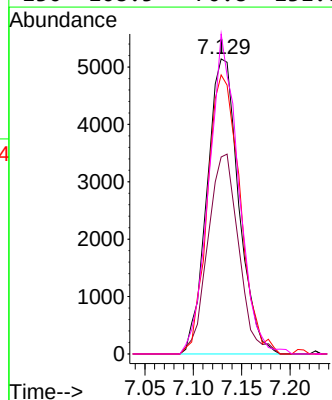
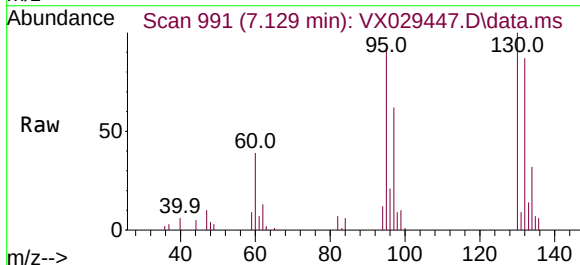
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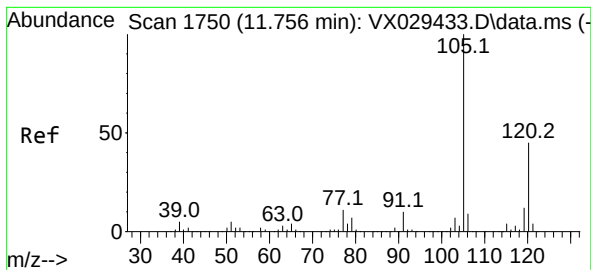
Tgt Ion: 96 Resp: 97027
Ion Ratio Lower Upper
96 100
61 122.1 86.7 161.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.260 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029447.D
Acq: 14 Jun 2022 05:00

Tgt Ion: 95 Resp: 11736
Ion Ratio Lower Upper
95 100
97 66.8 45.5 84.5
132 94.6 69.9 129.7
130 108.5 70.8 131.6





#63
 1,2,4-Trimethylbenzene
 Concen: 1.197 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029447.D
 Acq: 14 Jun 2022 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 EXYX4DL

Tgt Ion:105 Resp: 11202
 Ion Ratio Lower Upper
 105 100
 120 41.4 36.1 54.1

