

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030517.D
 Acq On : 08 Aug 2022 17:22
 Operator : JC/MD
 Sample : N4066-05DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E25DL

Quant Time: Aug 09 01:07:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

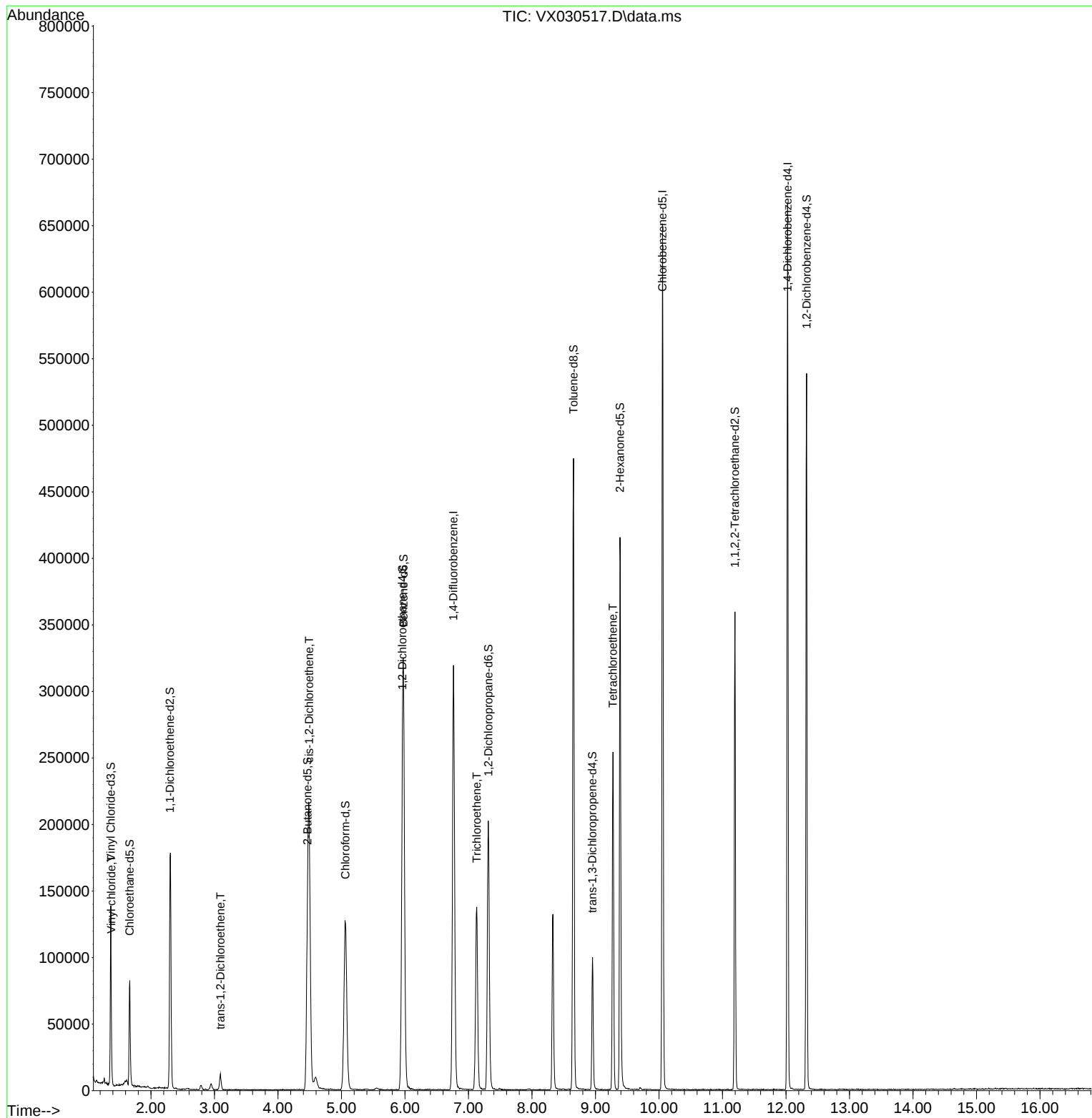
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	305363	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	268938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126547	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67174	34.255	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.520%
7) Chloroethane-d5	1.666	69	54786	39.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.260%
11) 1,1-Dichloroethene-d2	2.300	63	103537	27.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.820%#
21) 2-Butanone-d5	4.465	46	168583	92.783	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	5.062	84	157788	39.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.180%
26) 1,2-Dichloroethane-d4	5.958	65	110851	40.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.880%
32) Benzene-d6	5.977	84	298557	38.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.520%
36) 1,2-Dichloropropane-d6	7.312	67	101962	40.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.580%
41) Toluene-d8	8.653	98	267748	36.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.740%#
43) trans-1,3-Dichloroprop...	8.952	79	45109	36.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.560%
47) 2-Hexanone-d5	9.385	63	109186	85.704	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	137258	41.804	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	96612	39.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.720%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	18696	8.859	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	4169	2.105	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	99684	44.753	ug/L	90
34) Trichloroethene	7.129	95	50707	20.304	ug/L	86
46) Tetrachloroethene	9.275	164	43342	27.461	ug/L	96

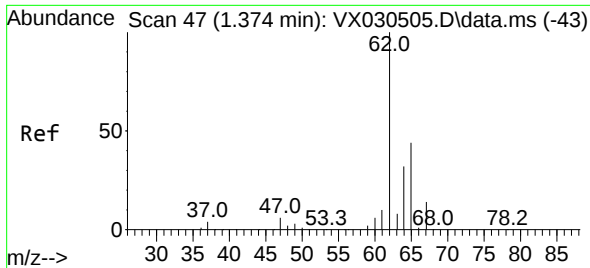
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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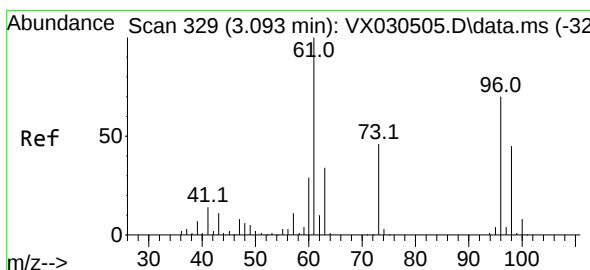
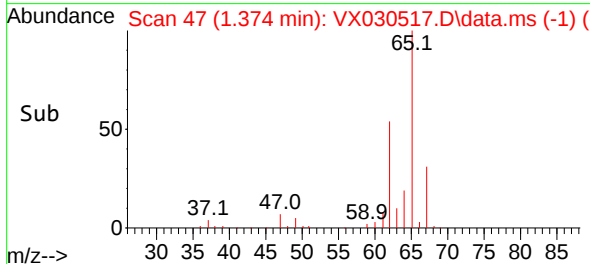
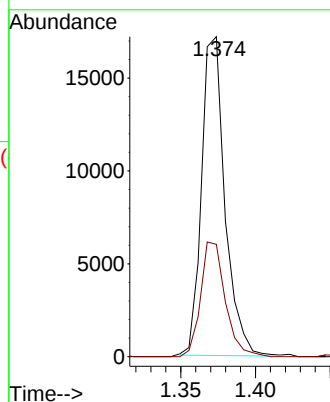
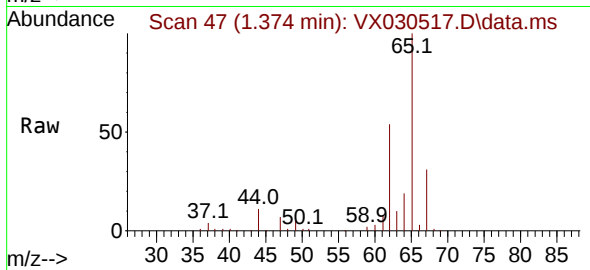




#5
 Vinyl chloride
 Concen: 8.859 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030517.D
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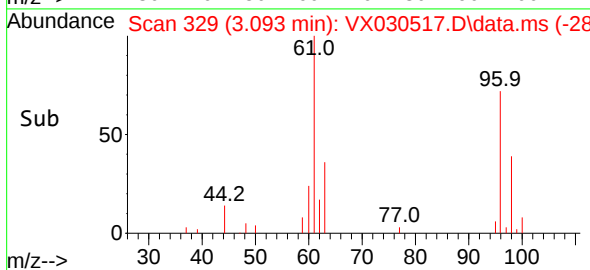
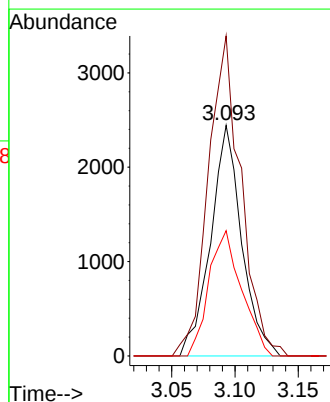
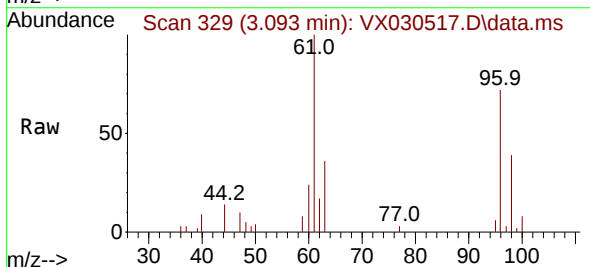
Instrument :
 MSVOA_X
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 F5E25DL

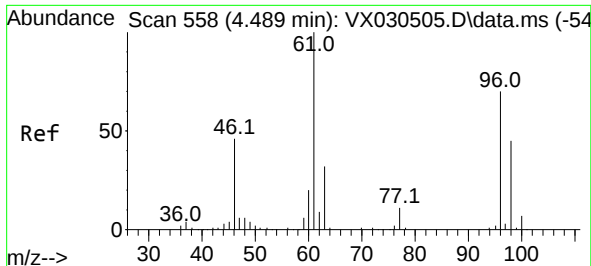
Tgt Ion: 62 Resp: 18696
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.105 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. 0.000 min
 Lab File: VX030517.D
 Acq: 08 Aug 2022 17:22

Tgt Ion: 96 Resp: 4169
 Ion Ratio Lower Upper
 96 100
 61 138.7 103.7 192.5
 98 54.3 41.5 77.1

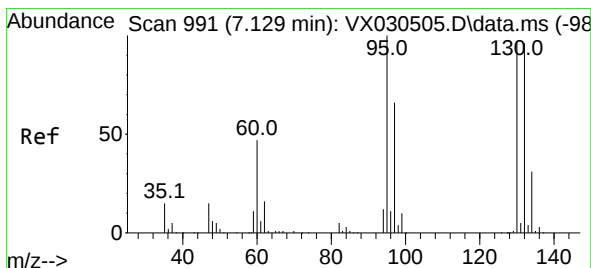
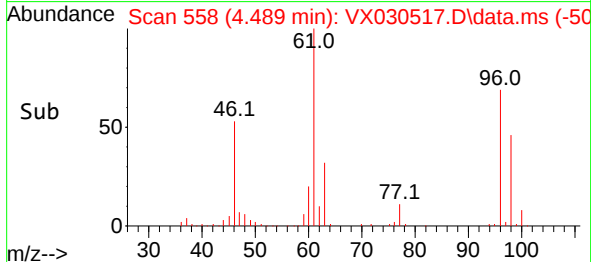
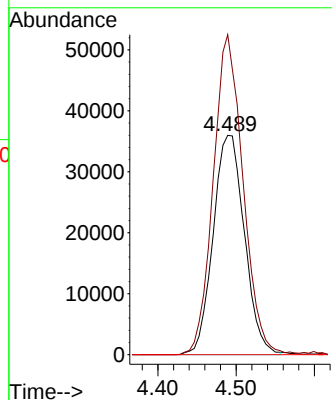
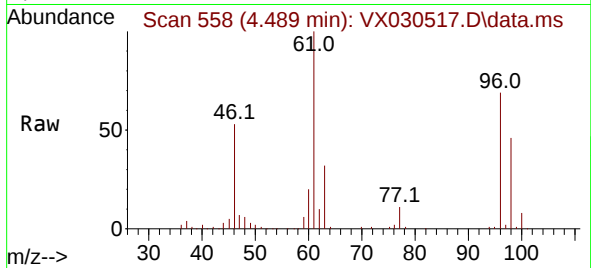




#20
cis-1,2-Dichloroethene
Concen: 44.753 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030517.D
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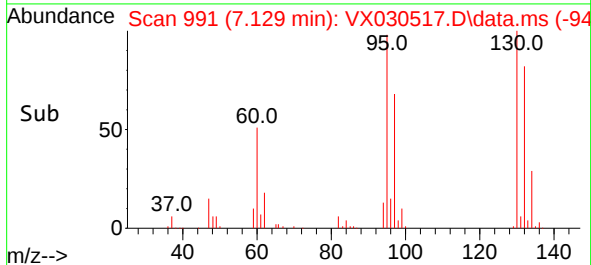
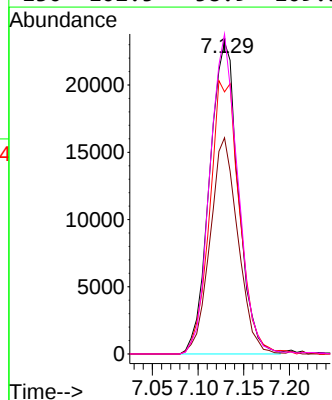
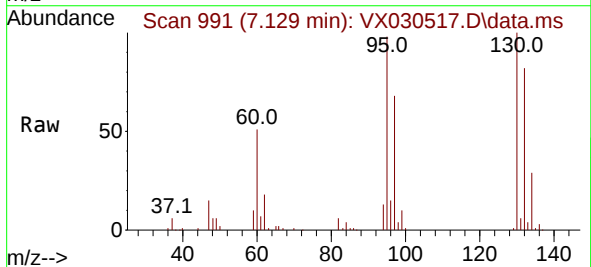
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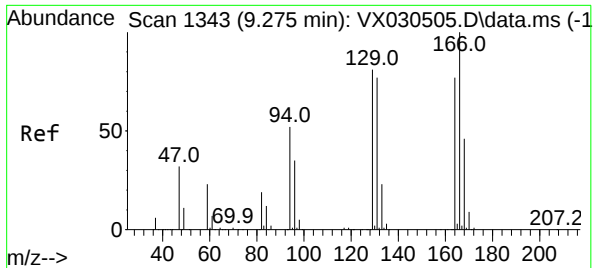
Tgt Ion: 96 Resp: 99684
Ion Ratio Lower Upper
96 100
61 145.9 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 20.304 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030517.D
Acq: 08 Aug 2022 17:22

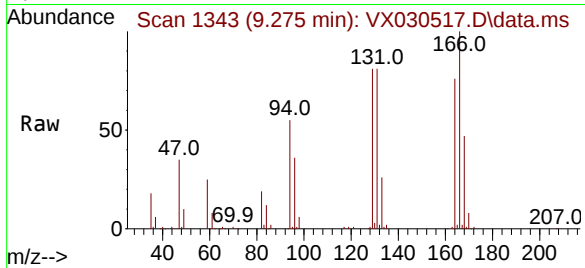
Tgt Ion: 95 Resp: 50707
Ion Ratio Lower Upper
95 100
97 69.3 40.2 74.6
132 84.0 55.3 102.7
130 102.5 58.9 109.5





#46
 Tetrachloroethene
 Concen: 27.461 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030517.D
 Acq: 08 Aug 2022 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E25DL



Tgt Ion:164 Resp: 43342

Ion	Ratio	Lower	Upper
164	100		
129	106.9	72.7	135.1
131	105.7	69.9	129.9
166	131.3	88.3	164.1

