

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030488.D
 Acq On : 07 Aug 2022 01:19
 Operator : JC/MD
 Sample : N4021-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 05:47:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

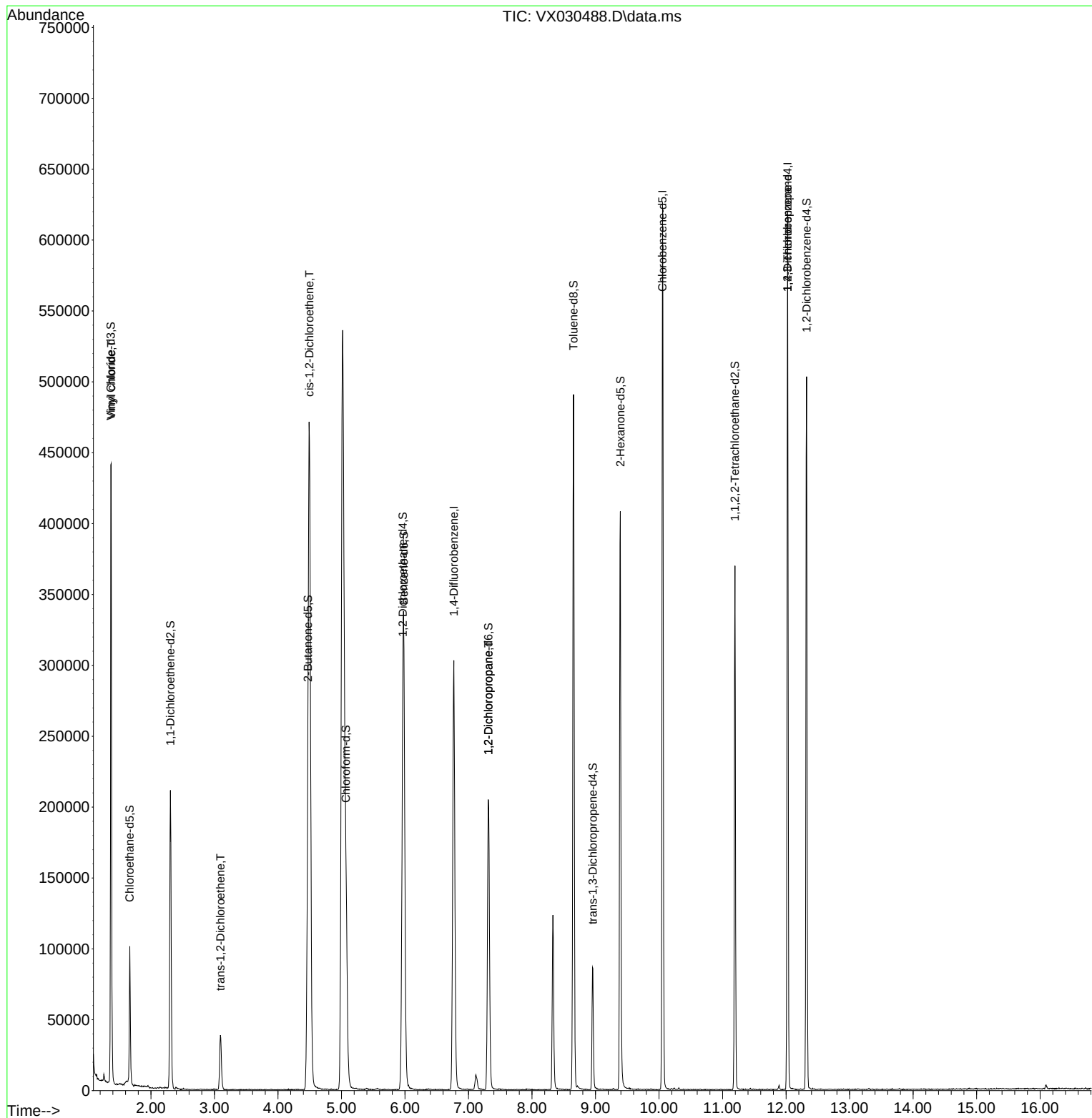
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	283165	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	260229	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112989	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72968	40.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.260%
7) Chloroethane-d5	1.666	69	57328	44.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.440%
11) 1,1-Dichloroethene-d2	2.307	63	117268	34.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.180%
21) 2-Butanone-d5	4.471	46	168843	100.211	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.210%
24) Chloroform-d	5.068	84	159001	42.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.960%
26) 1,2-Dichloroethane-d4	5.964	65	112831	44.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.780%
32) Benzene-d6	5.983	84	314547	42.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	7.312	67	103755	42.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	8.653	98	280161	39.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.740%#
43) trans-1,3-Dichloroprop...	8.958	79	40418	33.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.180%
47) 2-Hexanone-d5	9.391	63	112575	91.321	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.320%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136880	43.084	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	96940	44.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.460%
Target Compounds						
5) Vinyl chloride	1.374	62	223781	114.348	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	15178	8.266	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	250947	121.495	ug/L	98
37) 1,2-Dichloropropane	7.312	63	12207	5.503	ug/L #	89
61) 1,2,3-Trichloropropane	12.024	75	15594	6.427	ug/L #	68

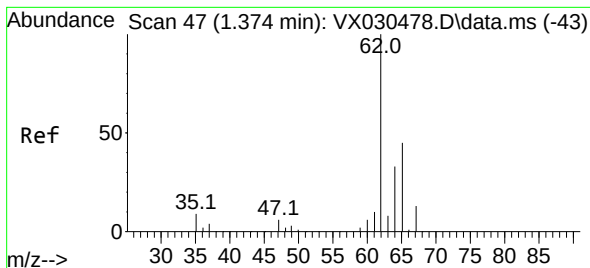
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 114.348 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

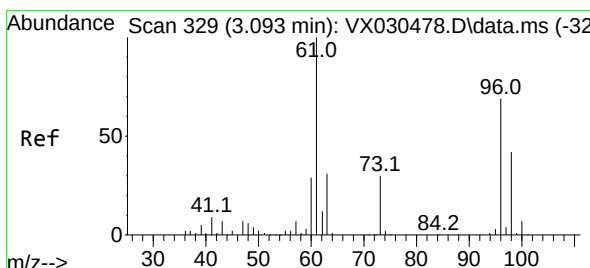
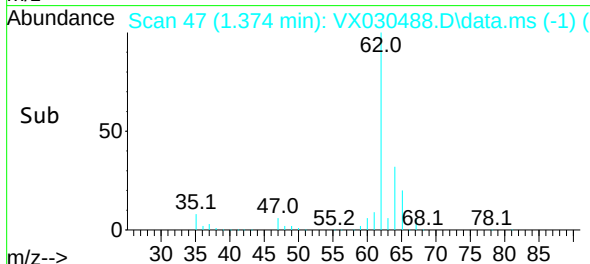
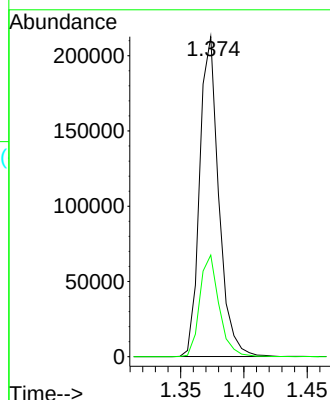
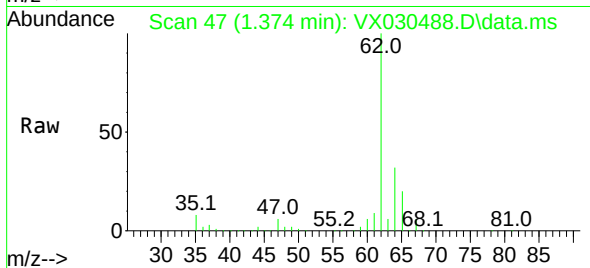
ClientSampleId :

Tgt Ion: 62 Resp: 223781

Ion Ratio Lower Upper

62 100

64 31.7 23.8 44.2



#17

trans-1,2-Dichloroethene

Concen: 8.266 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

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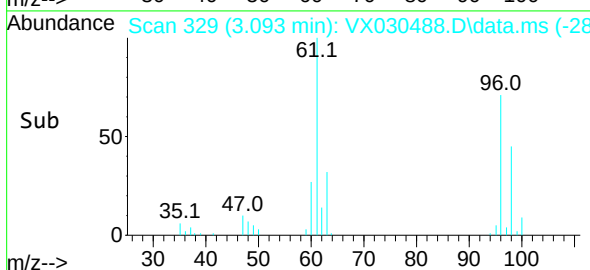
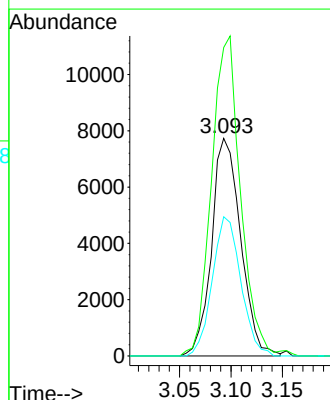
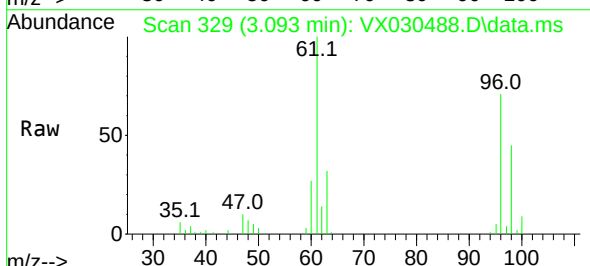
Tgt Ion: 96 Resp: 15178

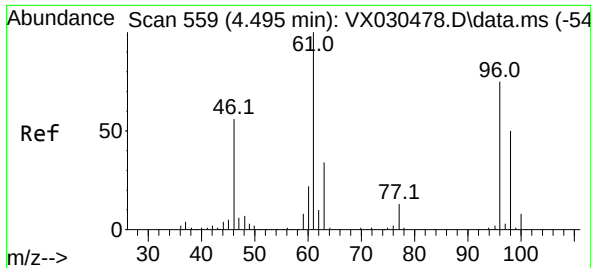
Ion Ratio Lower Upper

96 100

61 141.8 103.7 192.5

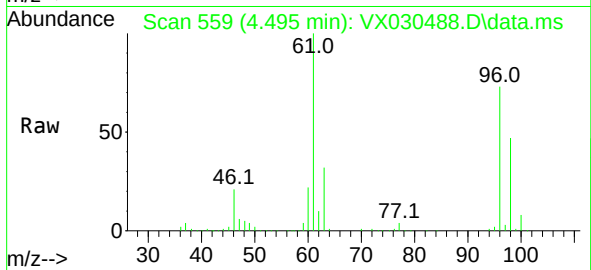
98 64.0 41.5 77.1



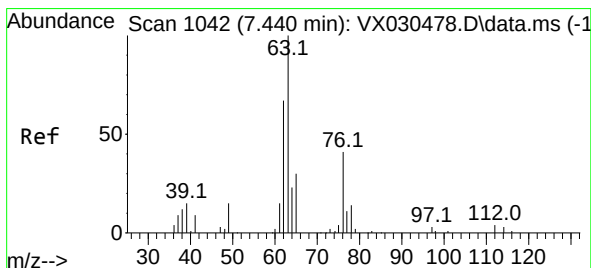
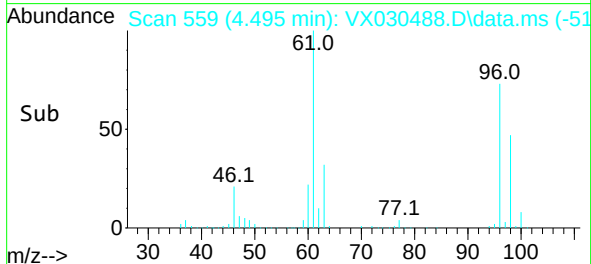
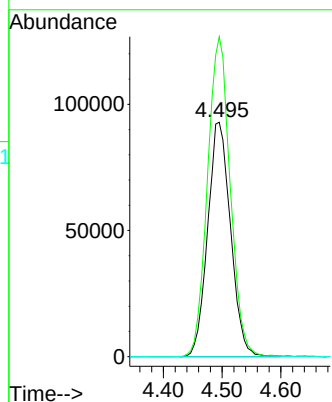


#20
 cis-1,2-Dichloroethene
 Concen: 121.495 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
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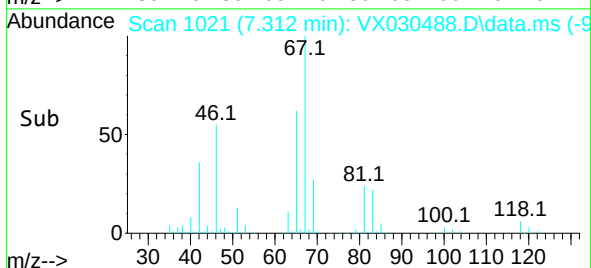
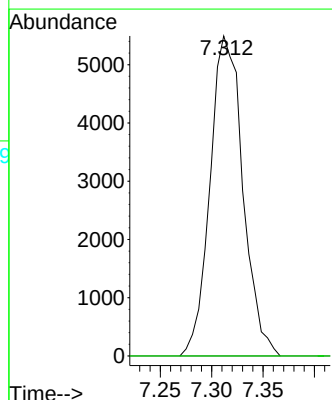
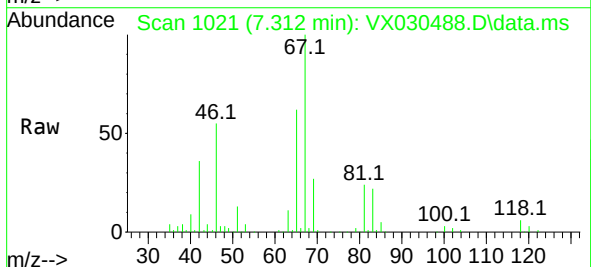


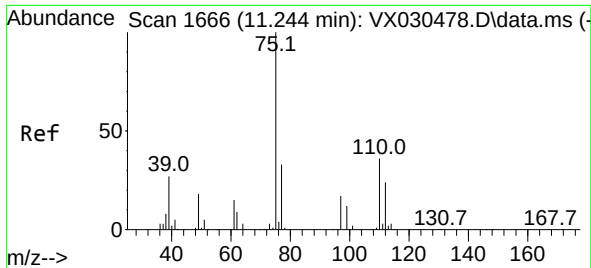
Tgt Ion: 96 Resp: 250947
 Ion Ratio Lower Upper
 96 100
 61 136.5 94.0 174.6
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 5.503 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.122 min
 Lab File: VX030488.D
 Acq: 07 Aug 2022 01:19

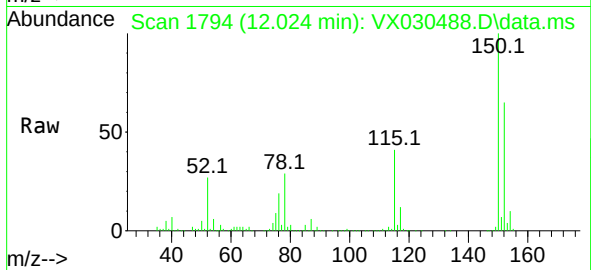
Tgt Ion: 63 Resp: 12207
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 6.427 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX030488.D
 Acq: 07 Aug 2022 01:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 15594
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.1 39.1
 110 2.7 30.5 45.7#

