

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030533.D
 Acq On : 09 Aug 2022 17:34
 Operator : JC/MD
 Sample : N4114-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D75

Quant Time: Aug 10 02:38:04 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)

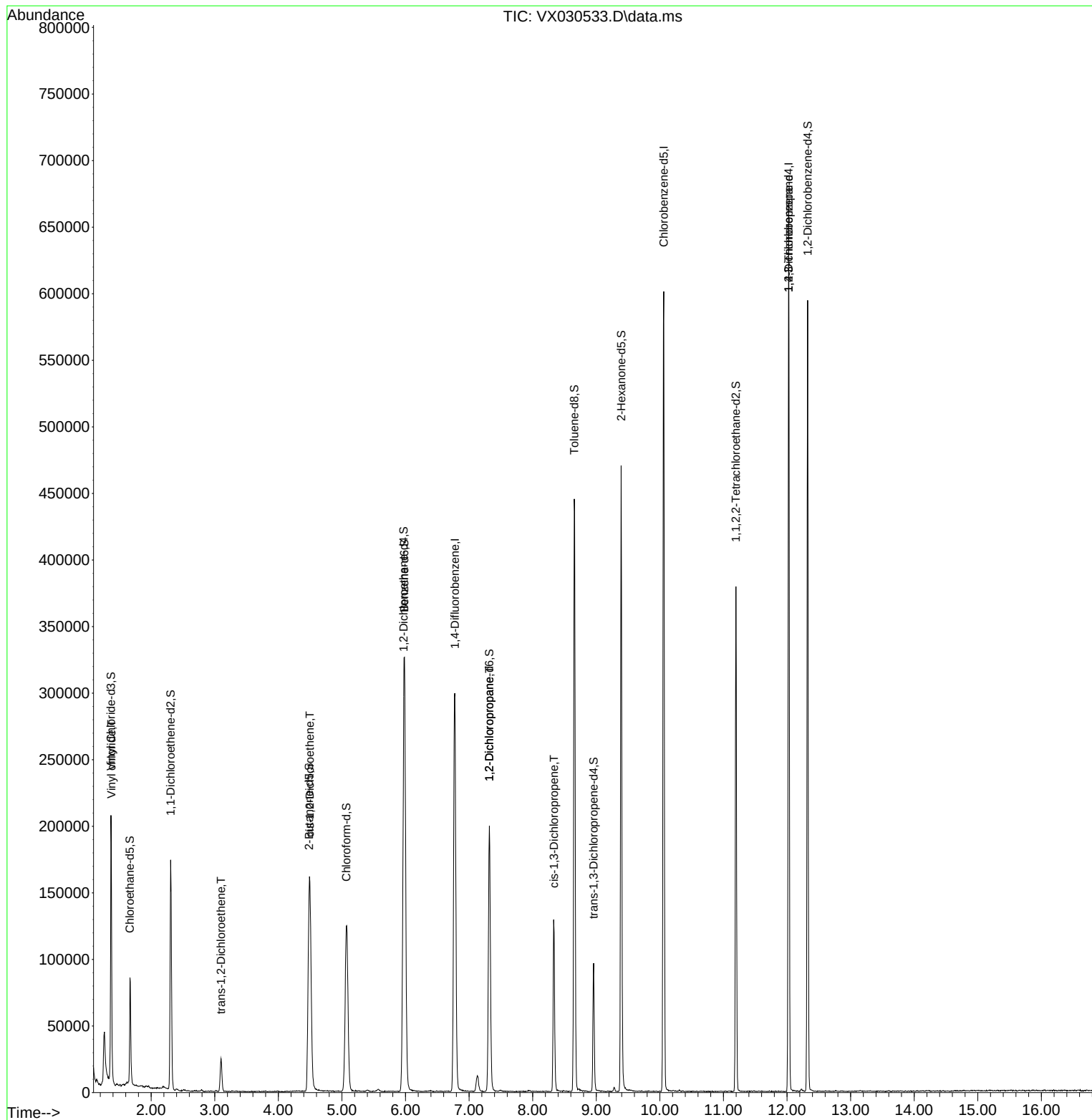
Internal Standards						
1) 1,4-Difluorobenzene	6.775	114	295844	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.061	117	260536	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121679	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58468	30.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.540%
7) Chloroethane-d5	1.666	69	49932	37.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.560%
11) 1,1-Dichloroethene-d2	2.307	63	93737	26.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.160%#
21) 2-Butanone-d5	4.483	46	178069	101.157	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	5.068	84	157376	40.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.480%
26) 1,2-Dichloroethane-d4	5.971	65	115611	43.536	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
32) Benzene-d6	5.983	84	304754	40.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.680%
36) 1,2-Dichloropropane-d6	7.318	67	100131	41.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.700%
41) Toluene-d8	8.653	98	258945	36.810	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.620%#
43) trans-1,3-Dichloroprop...	8.958	79	43088	35.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.540%
47) 2-Hexanone-d5	9.391	63	122158	98.978	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	147833	46.476	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.960%
66) 1,2-Dichlorobenzene-d4	12.323	152	104850	44.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.860%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	78379	38.334	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	9122	4.755	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	50275	23.297	ug/L	100
37) 1,2-Dichloropropane	7.318	63	11984	5.396	ug/L #	89
39) cis-1,3-Dichloropropene	8.336	75	3034	0.916	ug/L #	47
61) 1,2,3-Trichloropropane	12.024	75	17732	6.786	ug/L #	68

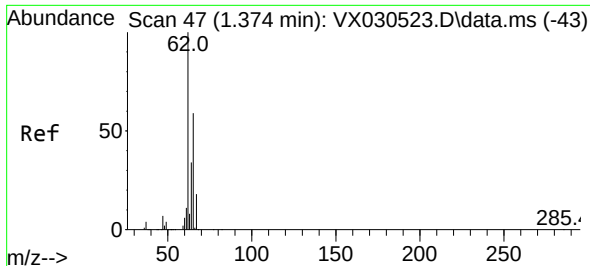
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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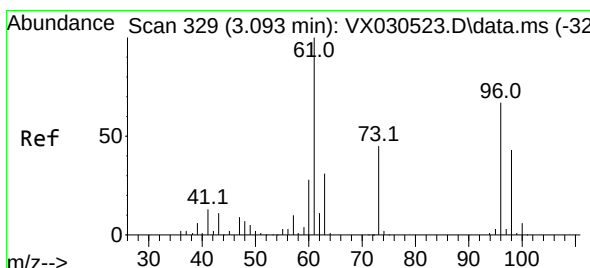
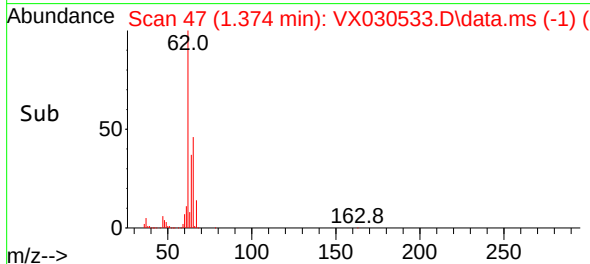
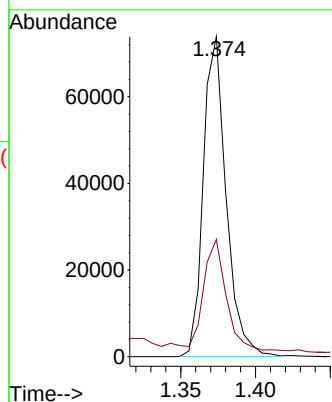
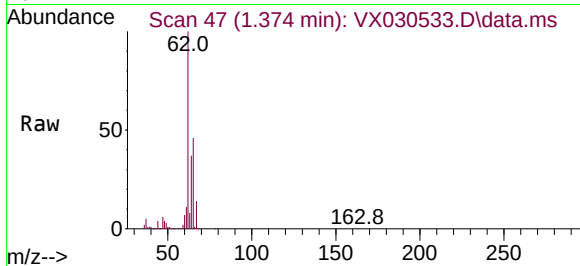




#5
 Vinyl chloride
 Concen: 38.334 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030533.D
 Acq: 09 Aug 2022 17:34

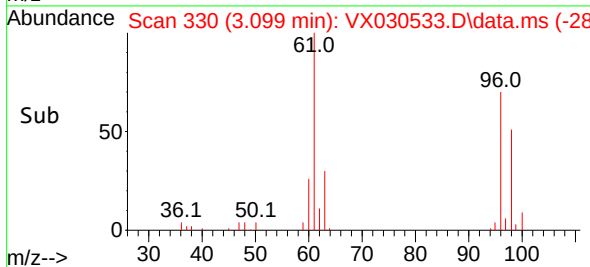
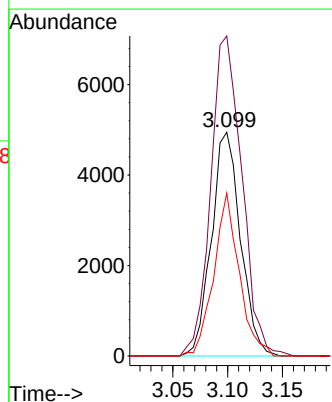
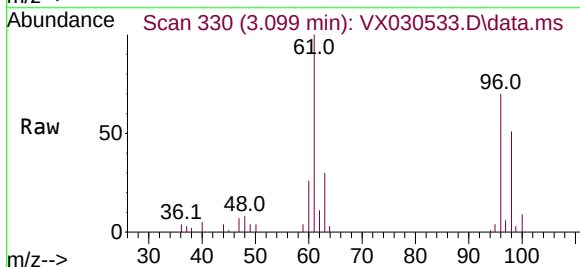
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D75

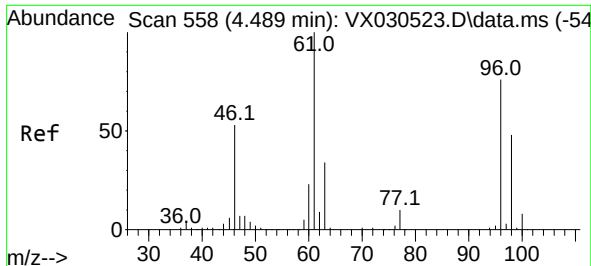
Tgt Ion: 62 Resp: 78379
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 4.755 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX030533.D
 Acq: 09 Aug 2022 17:34

Tgt Ion: 96 Resp: 9122
 Ion Ratio Lower Upper
 96 100
 61 143.0 103.7 192.5
 98 72.8 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 23.297 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030533.D

Acq: 09 Aug 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

F5D75

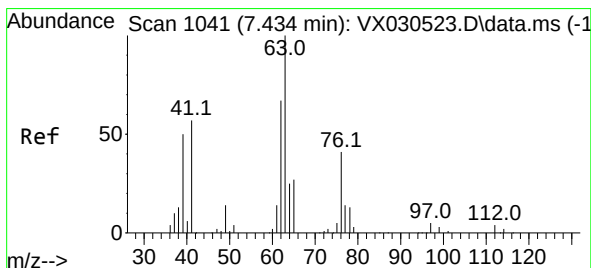
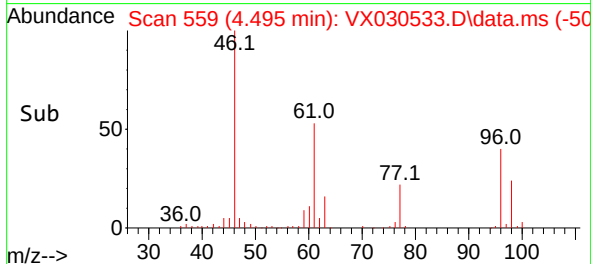
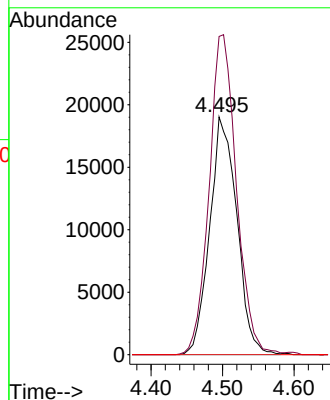
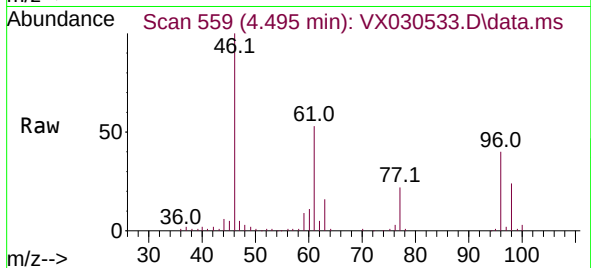
Tgt Ion: 96 Resp: 50275

Ion Ratio Lower Upper

96 100

61 133.8 94.0 174.6

68 0.0 0.0 0.0



#37

1,2-Dichloropropane

Concen: 5.396 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.116 min

Lab File: VX030533.D

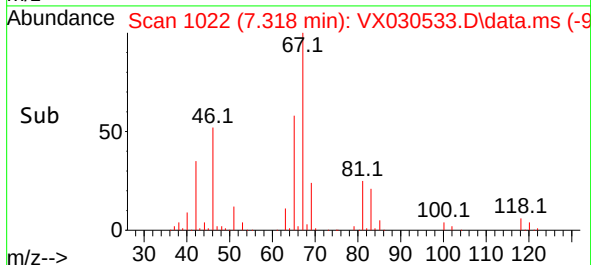
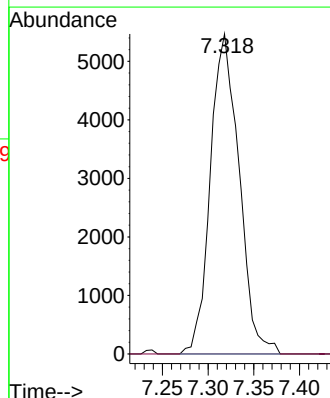
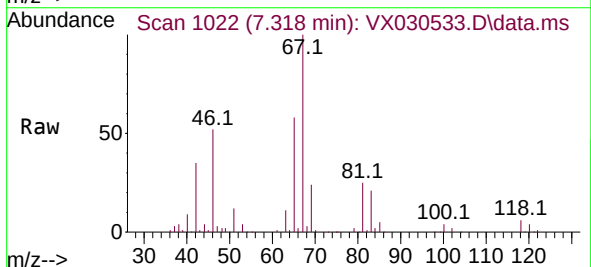
Acq: 09 Aug 2022 17:34

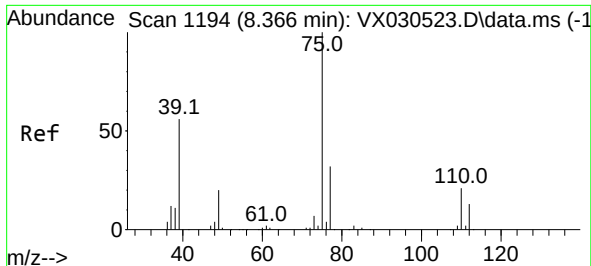
Tgt Ion: 63 Resp: 11984

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.916 ug/L

RT: 8.336 min Scan# 1194

Delta R.T. -0.030 min

Lab File: VX030533.D

Acq: 09 Aug 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

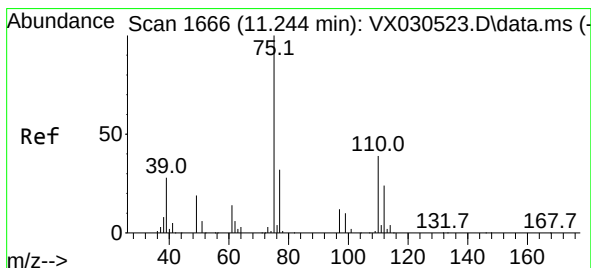
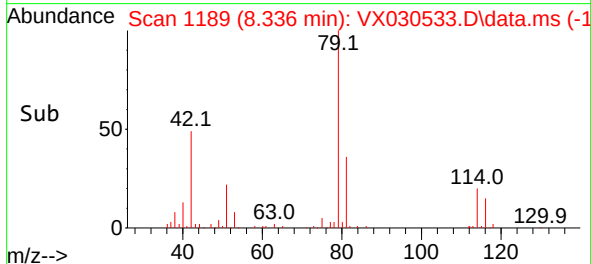
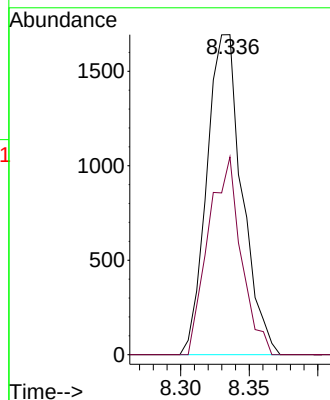
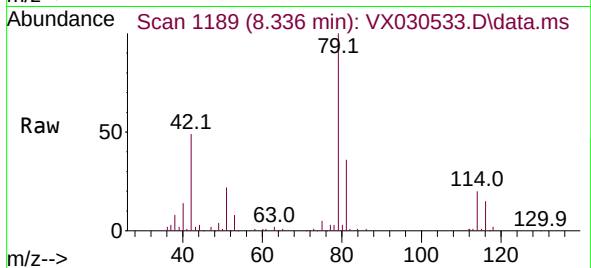
F5D75

Tgt Ion: 75 Resp: 3034

Ion Ratio Lower Upper

75 100

77 61.8 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 6.786 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX030533.D

Acq: 09 Aug 2022 17:34

Tgt Ion: 75 Resp: 17732

Ion Ratio Lower Upper

75 100

77 33.5 26.1 39.1

110 3.3 30.5 45.7#

