

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030396.D
 Acq On : 04 Aug 2022 17:04
 Operator : JC/MD
 Sample : N4003-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D33

Quant Time: Aug 05 05:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

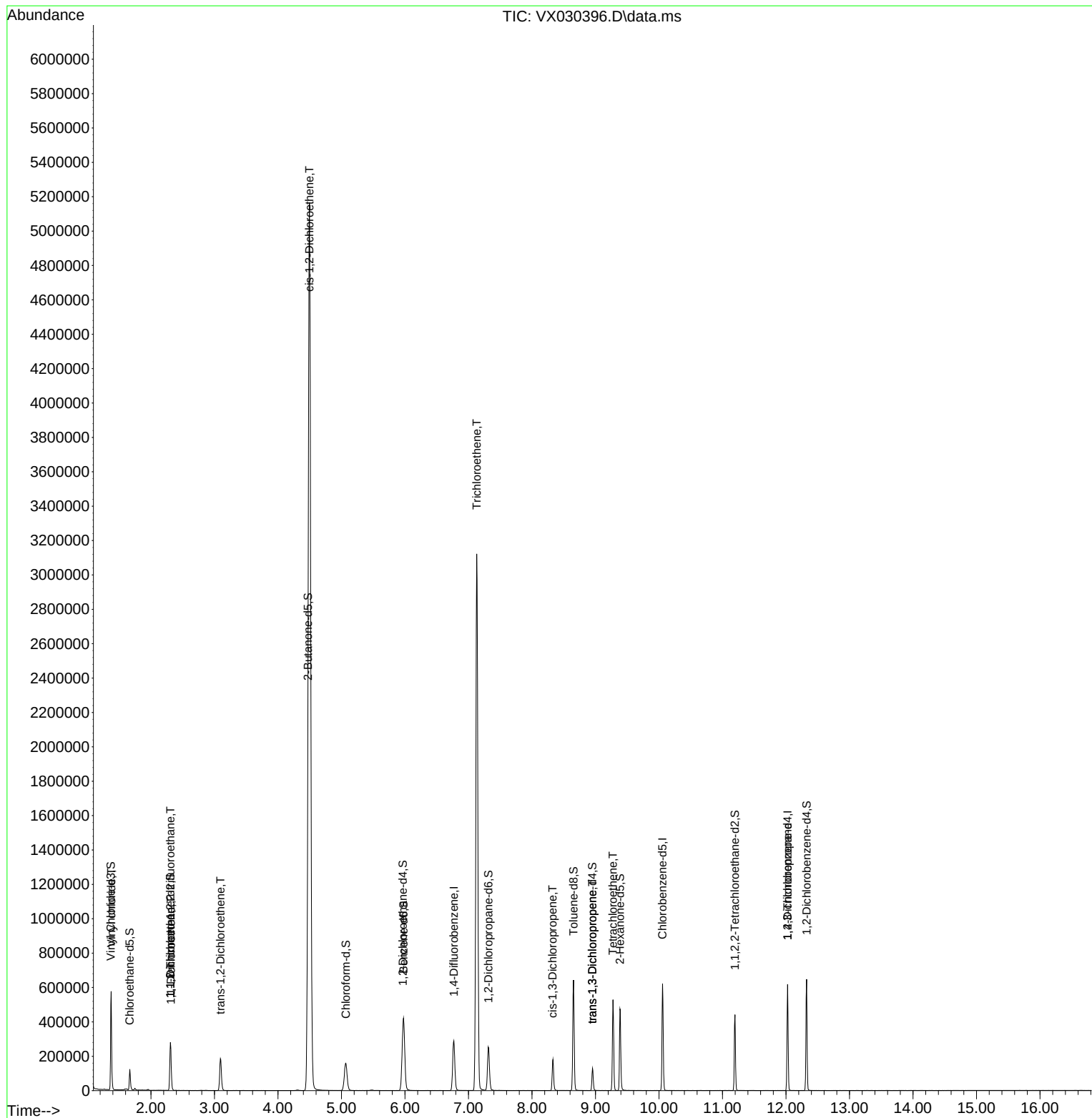
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	290163	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	260053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	101072	54.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.480%
7) Chloroethane-d5	1.666	69	76221	58.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.060%
11) 1,1-Dichloroethene-d2	2.307	63	160718	45.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.200%
21) 2-Butanone-d5	4.471	46	202338	117.195	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.190%
24) Chloroform-d	5.068	84	199625	52.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.080%
26) 1,2-Dichloroethane-d4	5.964	65	138354	53.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.240%
32) Benzene-d6	5.977	84	396638	53.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.500%
36) 1,2-Dichloropropane-d6	7.312	67	127040	52.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.120%
41) Toluene-d8	8.653	98	365674	52.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.160%
43) trans-1,3-Dichloroprop...	8.952	79	59331	49.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.700%
47) 2-Hexanone-d5	9.385	63	135351	109.872	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.870%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	168897	53.197	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	121171	53.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.240%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	276875	138.066	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1603	0.909	ug/L #	20
12) 1,1-Dichloroethene	2.313	96	3368	2.074	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	73034	38.816	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	3112533	1470.574	ug/L	99
34) Trichloroethene	7.129	95	1195439	495.034	ug/L	90
39) cis-1,3-Dichloropropene	8.324	75	3994	1.208	ug/L #	56
44) trans-1,3-Dichloropropene	8.952	75	2886	0.892	ug/L	91
46) Tetrachloroethene	9.275	164	88201	57.793	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	15035	6.009	ug/L #	68

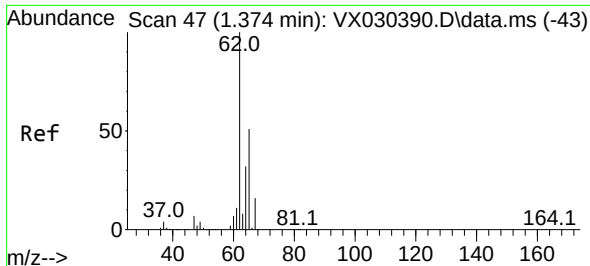
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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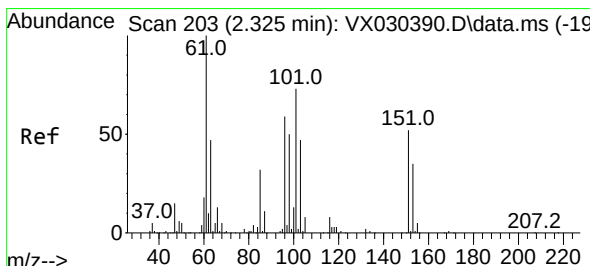
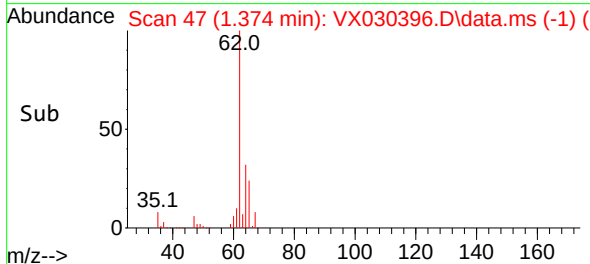
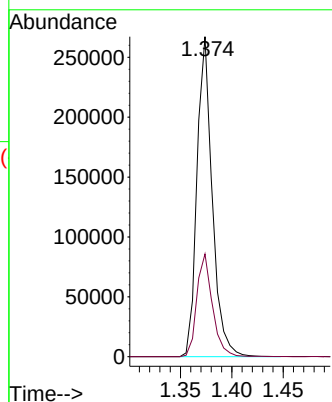
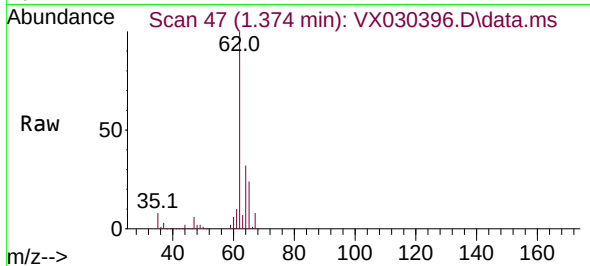




#5
 Vinyl chloride
 Concen: 138.066 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030396.D
 Acq: 04 Aug 2022 17:04

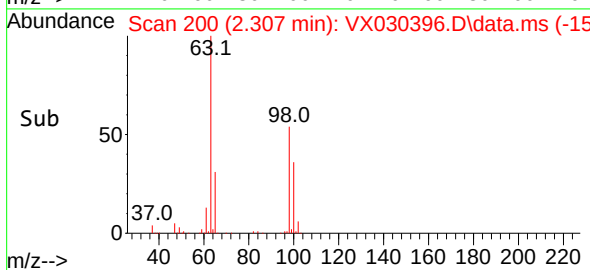
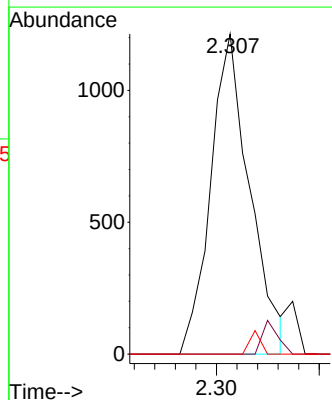
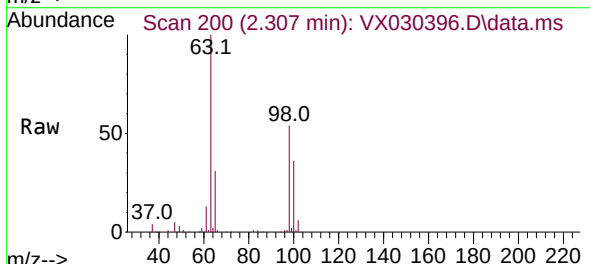
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D33

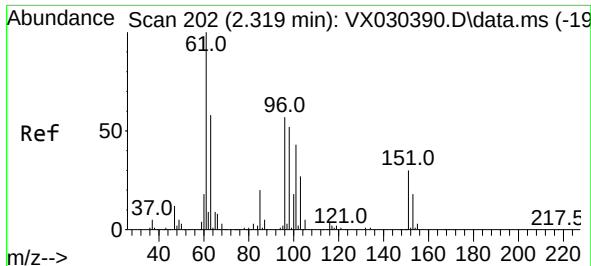
Tgt Ion: 62 Resp: 276875
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.909 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.018 min
 Lab File: VX030396.D
 Acq: 04 Aug 2022 17:04

Tgt Ion: 101 Resp: 1603
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 2.074 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX030396.D

Acq: 04 Aug 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

F5D33

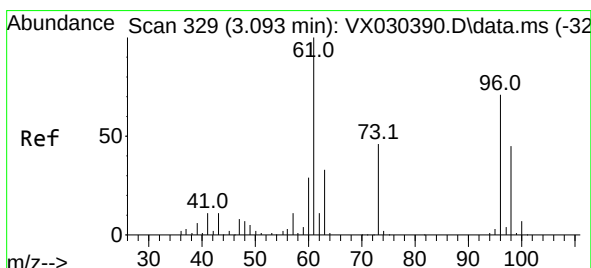
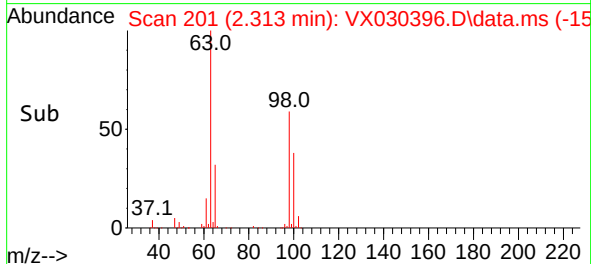
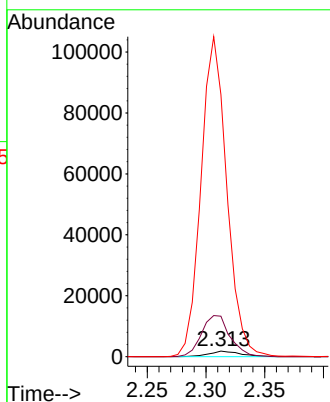
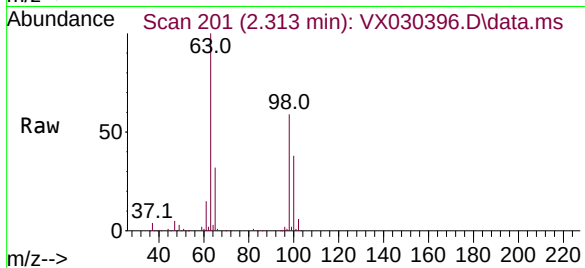
Tgt Ion: 96 Resp: 3368

Ion Ratio Lower Upper

96 100

61 716.0 130.2 241.8#

63 4639.9 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 38.816 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX030396.D

Acq: 04 Aug 2022 17:04

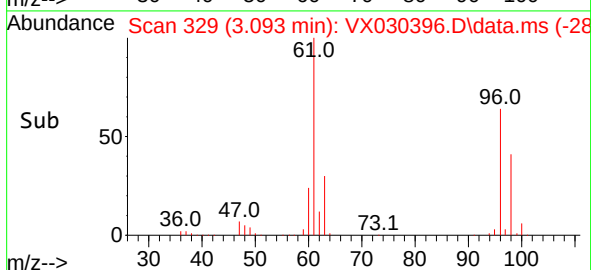
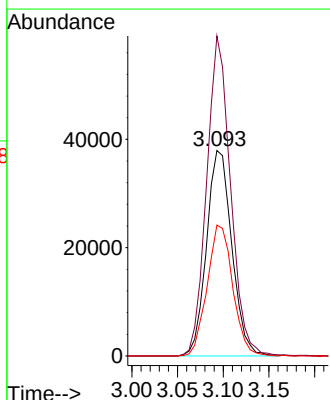
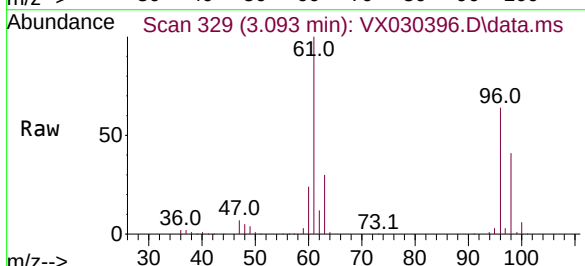
Tgt Ion: 96 Resp: 73034

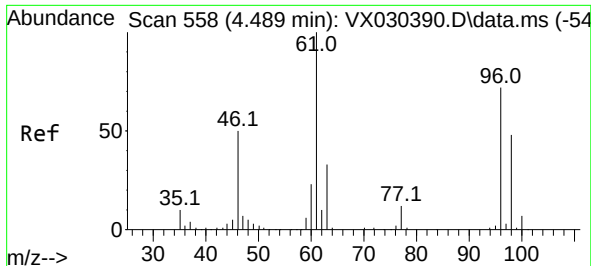
Ion Ratio Lower Upper

96 100

61 155.8 103.7 192.5

98 63.7 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 1470.574 ug/L

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX030396.D

Acq: 04 Aug 2022 17:04

Instrument :

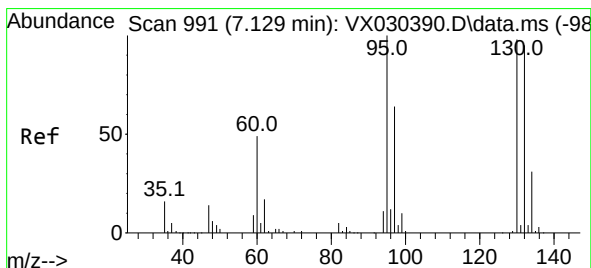
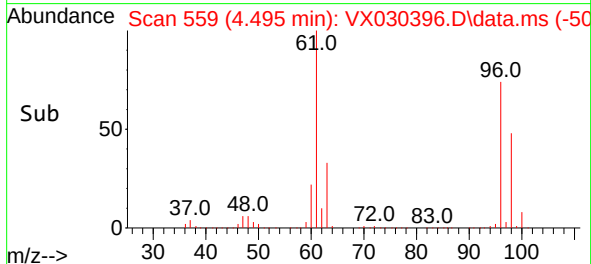
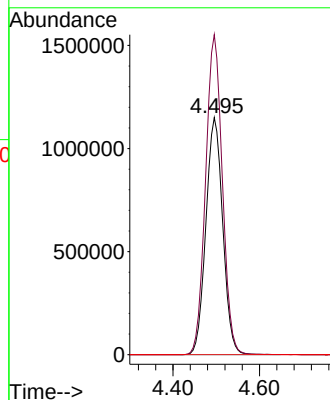
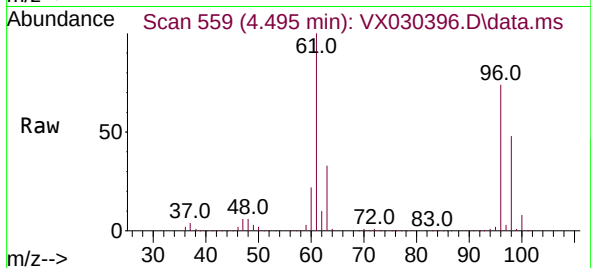
MSVOA_X

ClientSampleId :

F5D33

Tgt Ion: 96 Resp: 3112533

Ion	Ratio	Lower	Upper
96	100		
61	134.9	94.0	174.6
68	0.0	0.0	0.0



#34

Trichloroethene

Concen: 495.034 ug/L

RT: 7.129 min Scan# 991

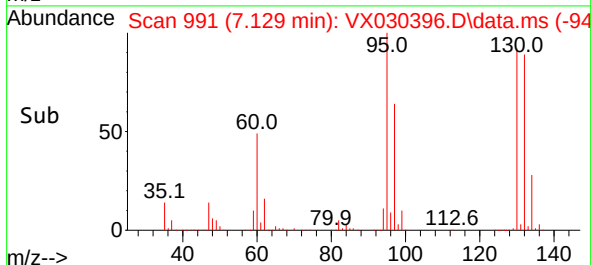
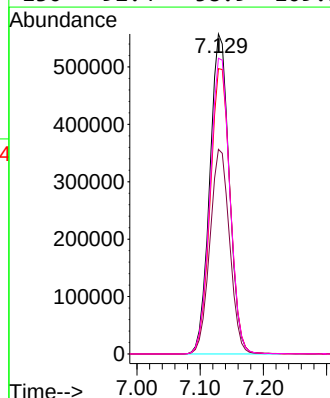
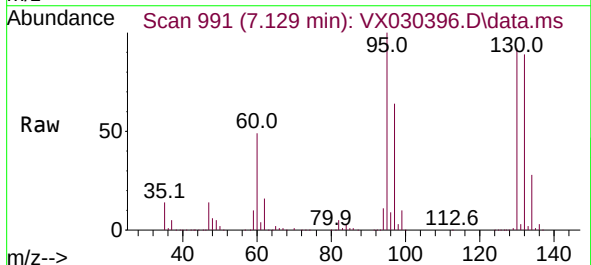
Delta R.T. 0.000 min

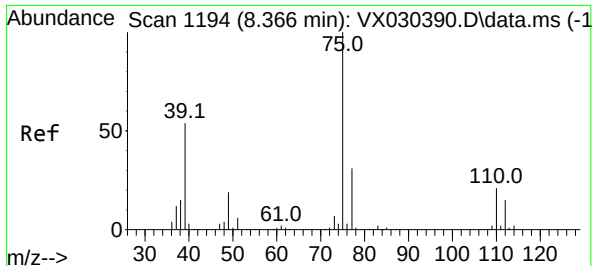
Lab File: VX030396.D

Acq: 04 Aug 2022 17:04

Tgt Ion: 95 Resp: 1195439

Ion	Ratio	Lower	Upper
95	100		
97	64.0	40.2	74.6
132	89.2	55.3	102.7
130	92.4	58.9	109.5





#39

cis-1,3-Dichloropropene

Concen: 1.208 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.042 min

Lab File: VX030396.D

Acq: 04 Aug 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

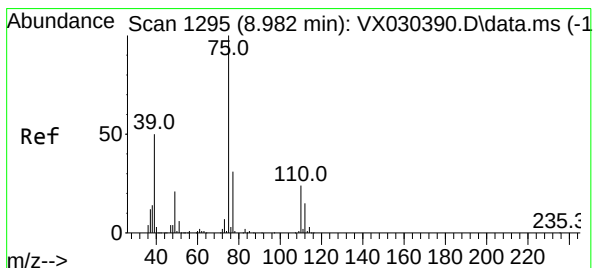
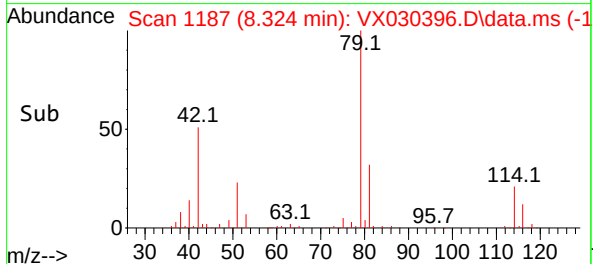
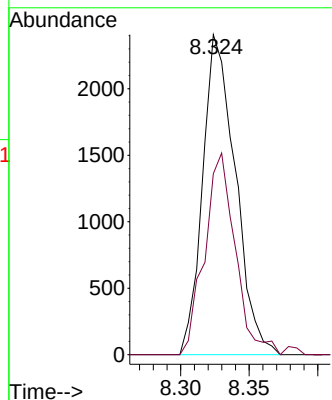
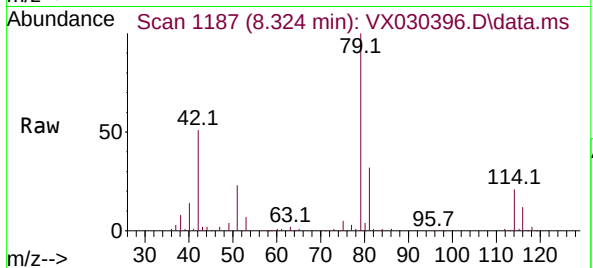
F5D33

Tgt Ion: 75 Resp: 3994

Ion Ratio Lower Upper

75 100

77 56.5 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.892 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030396.D

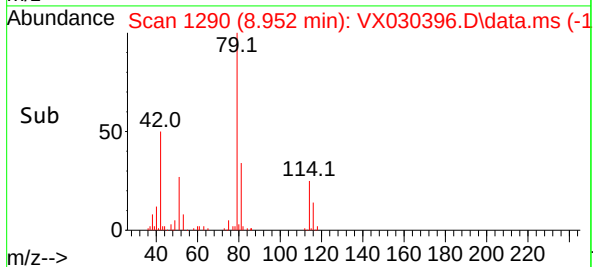
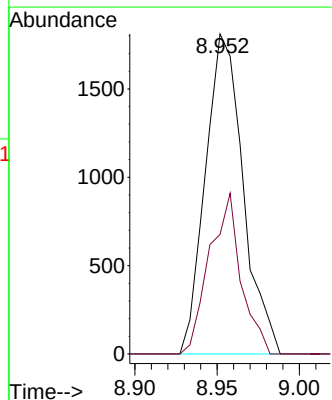
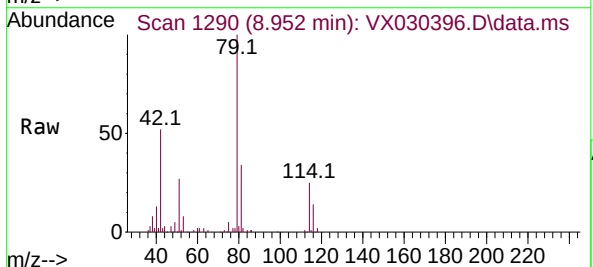
Acq: 04 Aug 2022 17:04

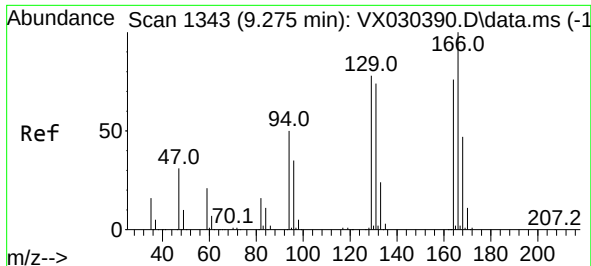
Tgt Ion: 75 Resp: 2886

Ion Ratio Lower Upper

75 100

77 37.4 22.5 41.7



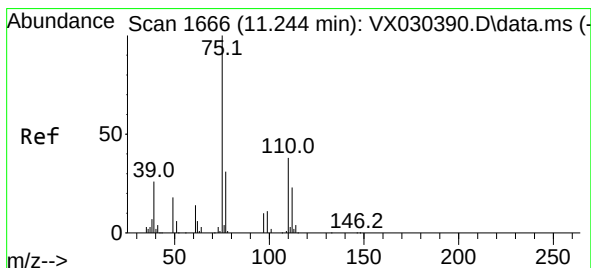
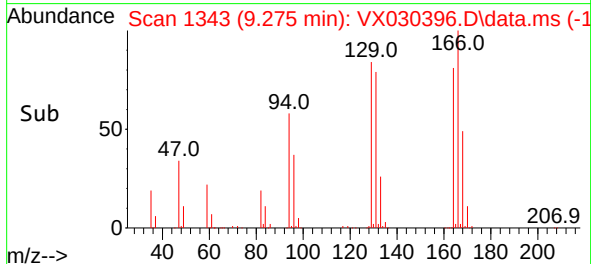
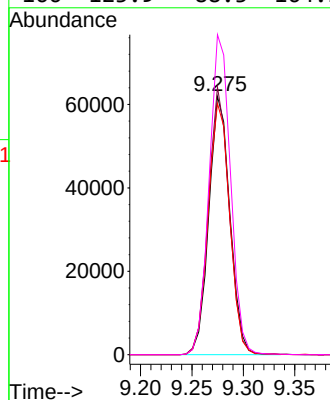
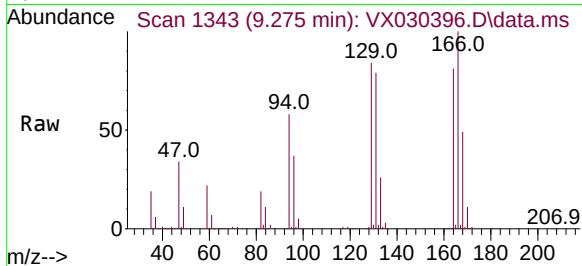


#46
Tetrachloroethene
Concen: 57.793 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030396.D
Acq: 04 Aug 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 88201

Ion	Ratio	Lower	Upper
164	100		
129	103.6	72.7	135.1
131	97.2	69.9	129.9
166	123.9	88.3	164.1



#61
1,2,3-Trichloropropane
Concen: 6.009 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.781 min
Lab File: VX030396.D
Acq: 04 Aug 2022 17:04

Tgt Ion: 75 Resp: 15035

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.1	39.1
110	2.7	30.5	45.7#

