

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030530.D
 Acq On : 09 Aug 2022 16:23
 Operator : JC/MD
 Sample : N4114-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D44

Quant Time: Aug 10 02:37:26 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)

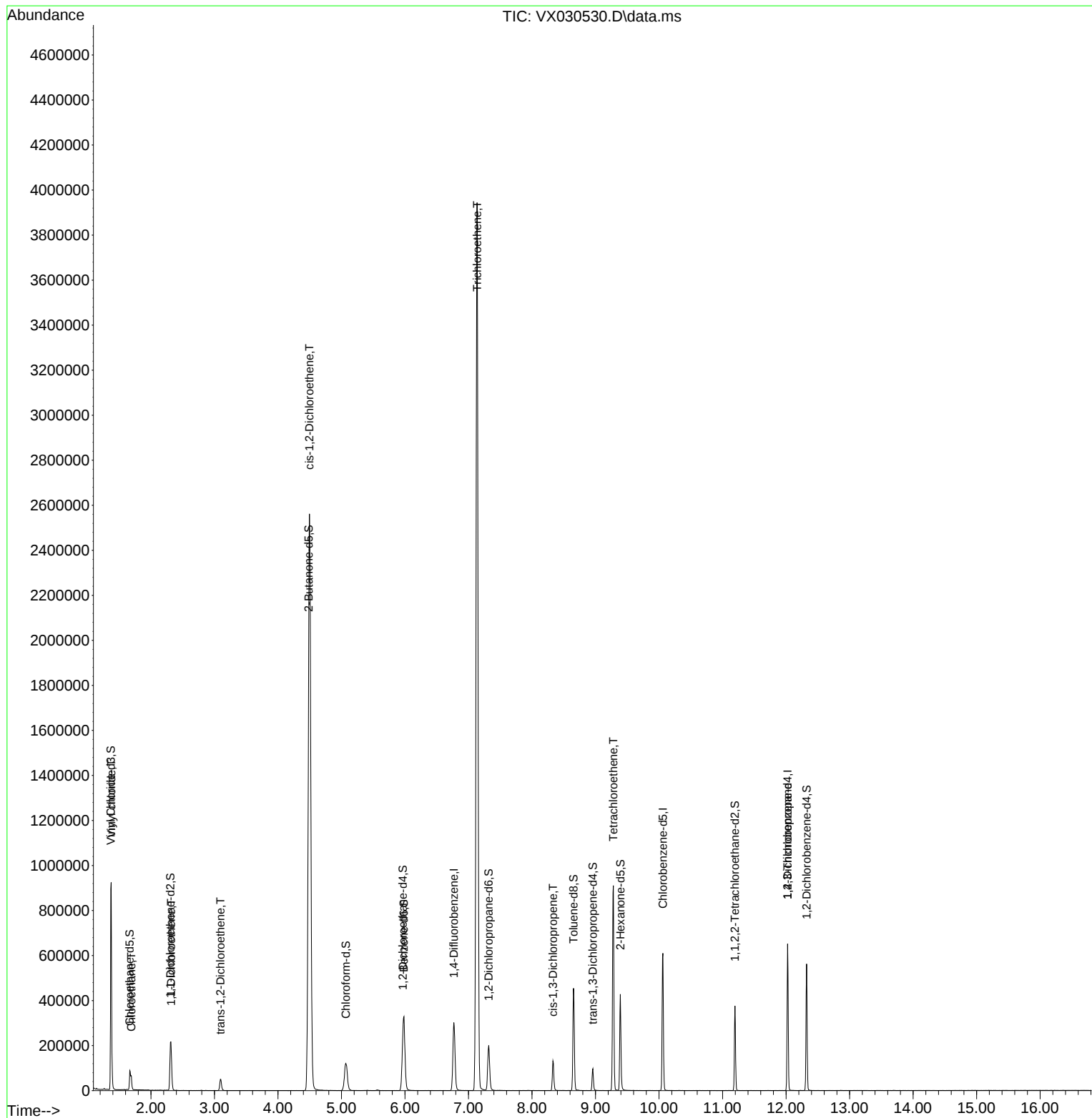
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	291285	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	258662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120256	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	63416	33.902	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.800%		
7) Chloroethane-d5	1.666	69	51166	38.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.600%		
11) 1,1-Dichloroethene-d2	2.306	63	110144	31.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.260%		
21) 2-Butanone-d5	4.483	46	170226	98.215	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.220%		
24) Chloroform-d	5.068	84	152875	39.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.400%		
26) 1,2-Dichloroethane-d4	5.964	65	111600	42.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.360%		
32) Benzene-d6	5.982	84	298257	40.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.500%		
36) 1,2-Dichloropropane-d6	7.318	67	99203	41.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.540%		
41) Toluene-d8	8.653	98	260566	37.309	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.620%#		
43) trans-1,3-Dichloroprop...	8.958	79	45240	37.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.660%		
47) 2-Hexanone-d5	9.390	63	111018	90.604	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.600%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	137541	43.554	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.100%		
66) 1,2-Dichlorobenzene-d4	12.323	152	103053	44.181	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.360%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	567228	281.764	ug/L	96
8) Chloroethane	1.691	64	30462	26.565	ug/L	94
12) 1,1-Dichloroethene	2.319	96	28060	17.211	ug/L #	69
17) trans-1,2-Dichloroethene	3.093	96	18620	9.858	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	1501318	706.593	ug/L	95
34) Trichloroethene	7.135	95	1481057	616.607	ug/L	92
39) cis-1,3-Dichloropropene	8.330	75	3054	0.928	ug/L	85
46) Tetrachloroethene	9.281	164	154127	101.533	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	16624	6.437	ug/L #	68

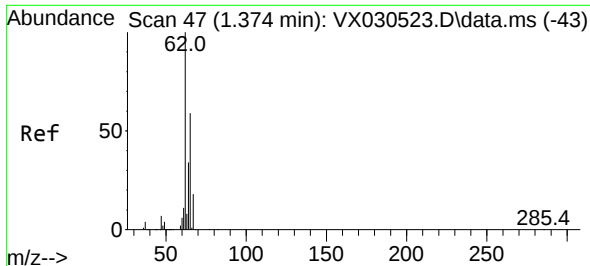
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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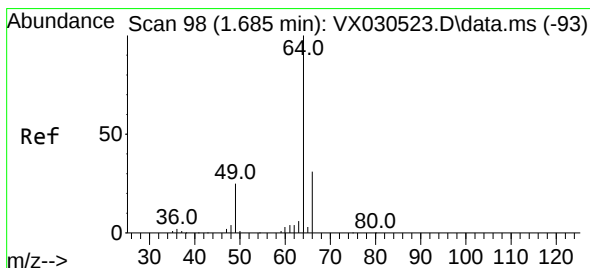
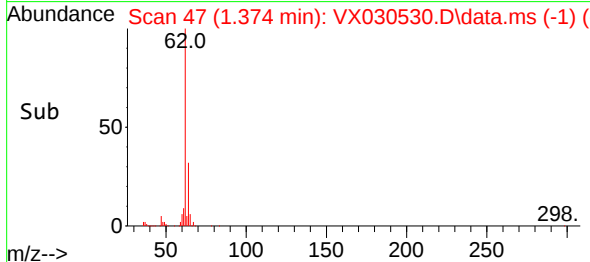
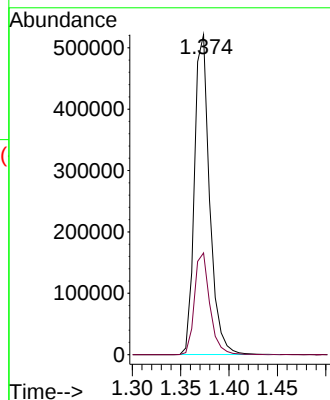
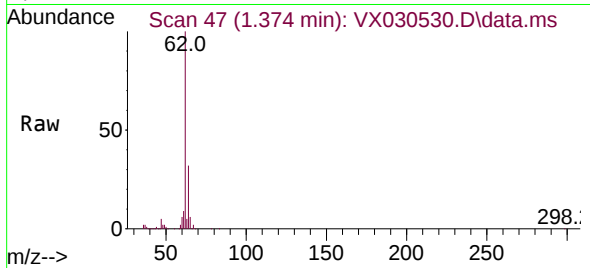




#5
 Vinyl chloride
 Concen: 281.764 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030530.D
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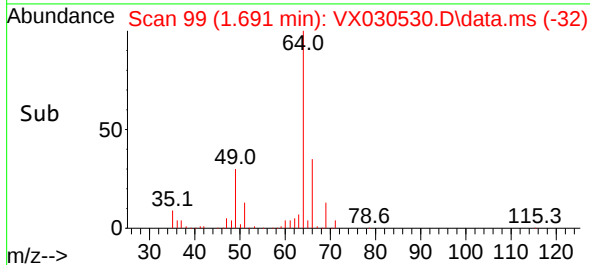
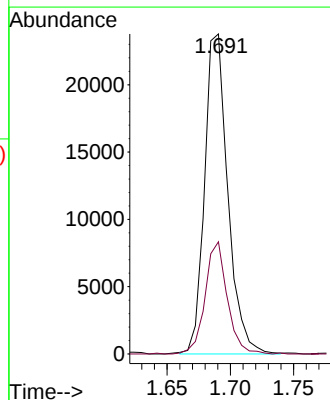
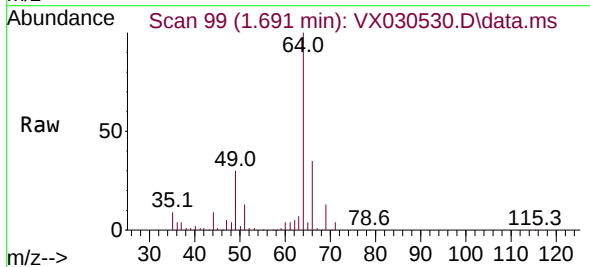
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D44

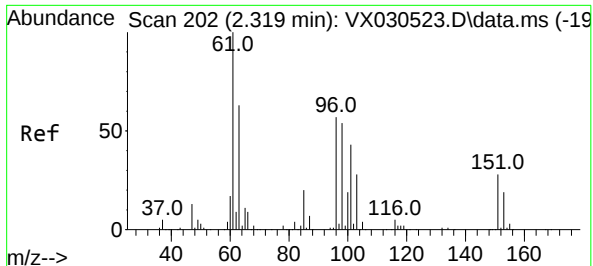
Tgt Ion: 62 Resp: 567228
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.8 44.2



#8
 Chloroethane
 Concen: 26.565 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX030530.D
 Acq: 09 Aug 2022 16:23

Tgt Ion: 64 Resp: 30462
 Ion Ratio Lower Upper
 64 100
 66 35.0 22.1 41.1





#12

1,1-Dichloroethene

Concen: 17.211 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030530.D

Acq: 09 Aug 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

F5D44

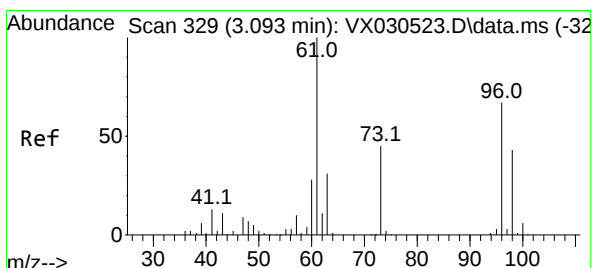
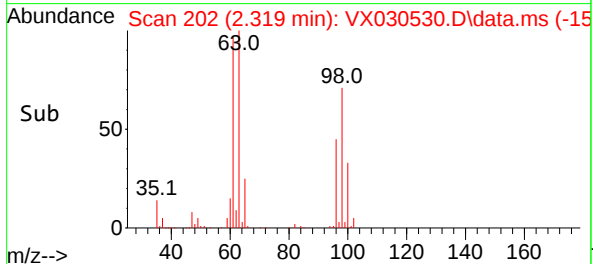
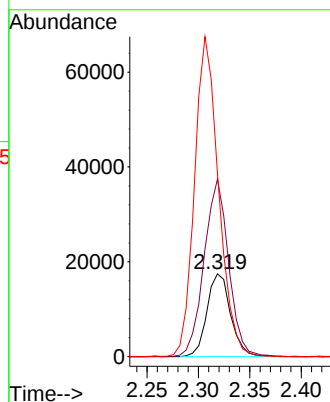
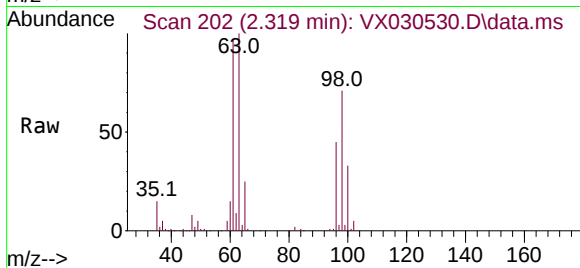
Tgt Ion: 96 Resp: 28060

Ion Ratio Lower Upper

96 100

61 214.2 130.2 241.8

63 220.9 113.5 210.9#



#17

trans-1,2-Dichloroethene

Concen: 9.858 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030530.D

Acq: 09 Aug 2022 16:23

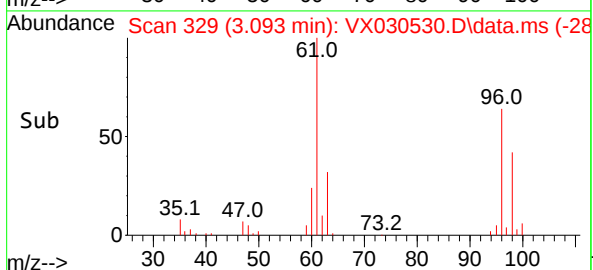
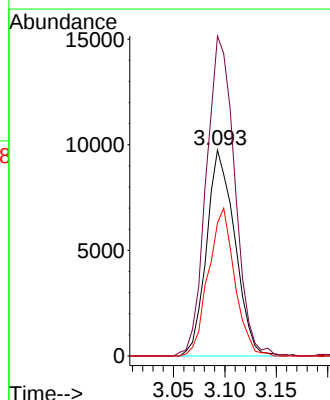
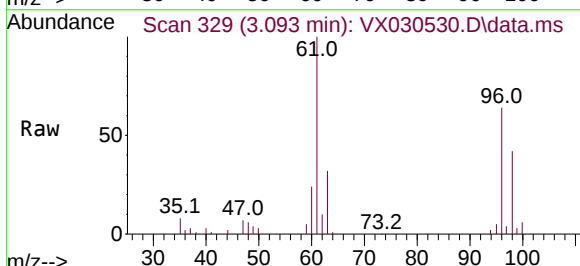
Tgt Ion: 96 Resp: 18620

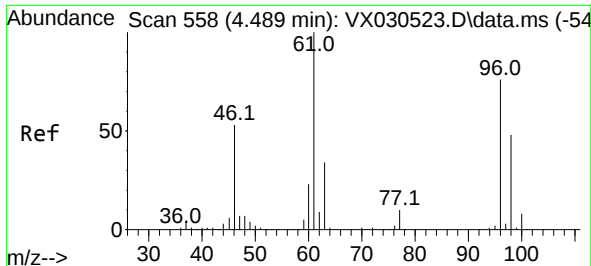
Ion Ratio Lower Upper

96 100

61 155.3 103.7 192.5

98 64.5 41.5 77.1

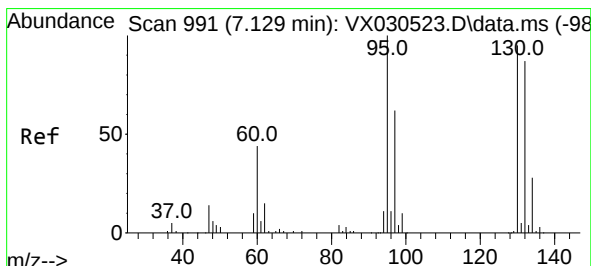
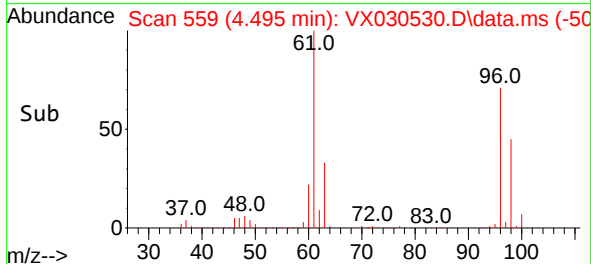
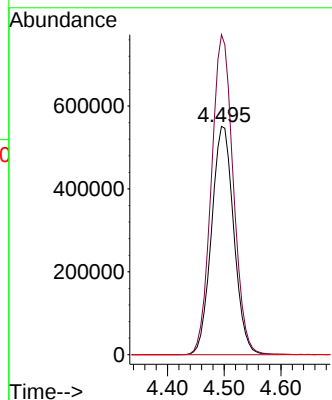
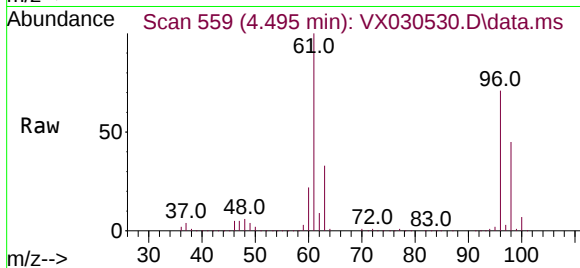




#20
cis-1,2-Dichloroethene
Concen: 706.593 ug/L
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

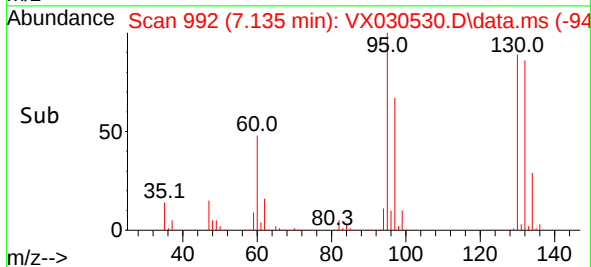
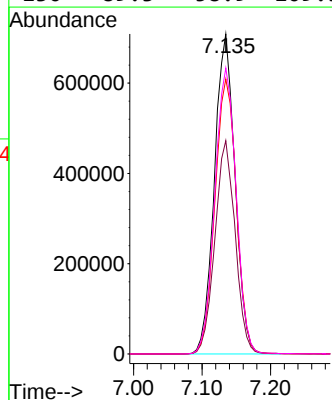
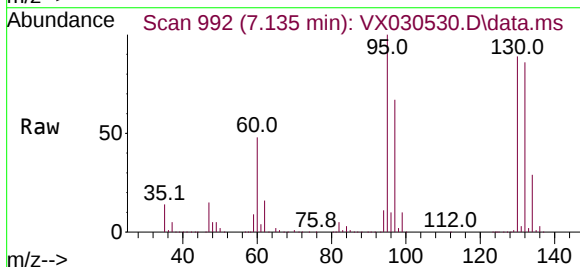
Instrument :
MSVOA_X
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F5D44

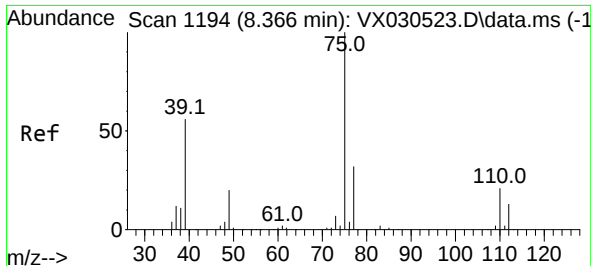
Tgt Ion: 96 Resp: 1501318
Ion Ratio Lower Upper
96 100
61 140.2 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 616.607 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030530.D
Acq: 09 Aug 2022 16:23

Tgt Ion: 95 Resp: 1481057
Ion Ratio Lower Upper
95 100
97 66.7 40.2 74.6
132 85.9 55.3 102.7
130 89.3 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 0.928 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030530.D

Acq: 09 Aug 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

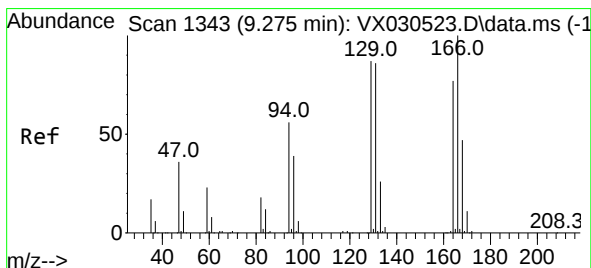
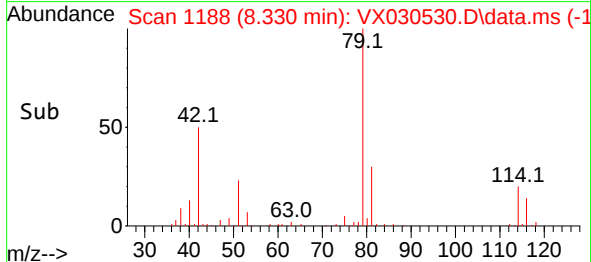
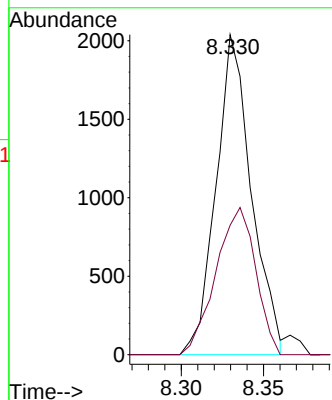
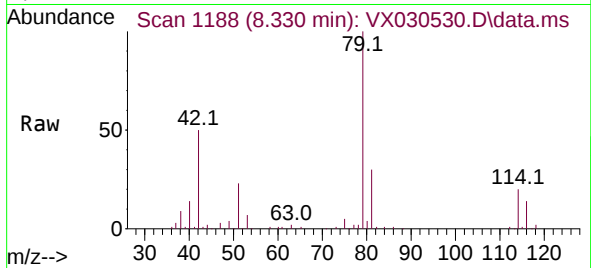
F5D44

Tgt Ion: 75 Resp: 3054

Ion Ratio Lower Upper

75 100

77 40.5 22.4 41.6



#46

Tetrachloroethene

Concen: 101.533 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030530.D

Acq: 09 Aug 2022 16:23

Tgt Ion: 164 Resp: 154127

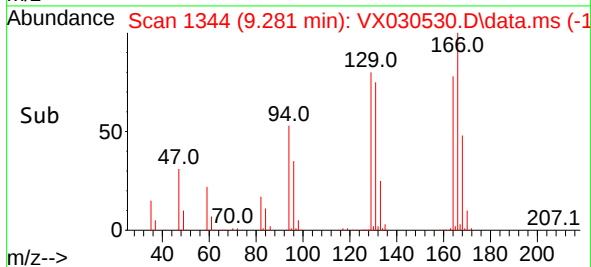
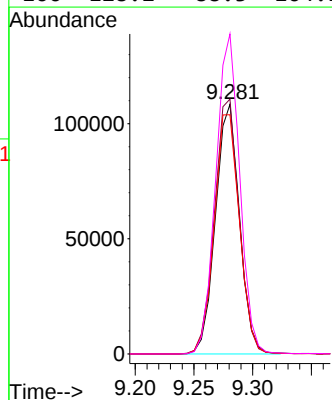
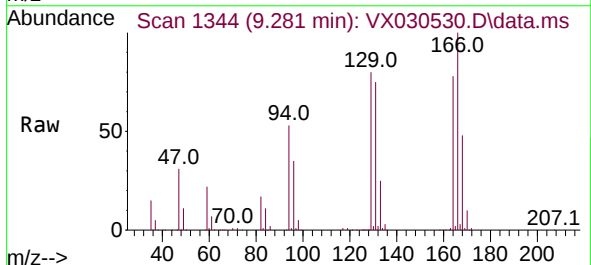
Ion Ratio Lower Upper

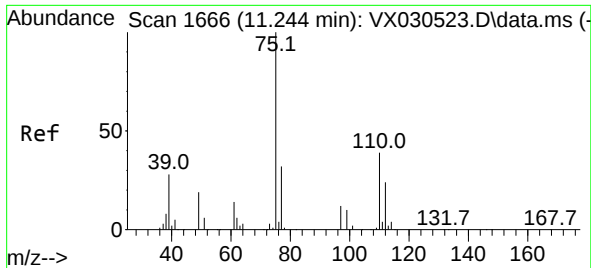
164 100

129 102.1 72.7 135.1

131 95.8 69.9 129.9

166 128.2 88.3 164.1





#61

1,2,3-Trichloropropane

Concen: 6.437 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.780 min

Lab File: VX030530.D

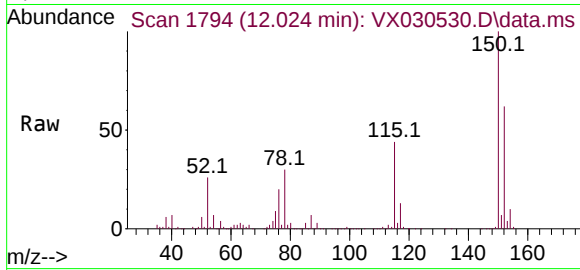
Acq: 09 Aug 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion: 75 Resp: 16624

Ion Ratio Lower Upper

75 100

77 33.1 26.1 39.1

110 2.9 30.5 45.7#

