

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040676.D
 Acq On : 16 Mar 2024 00:24
 Operator : JC/MD
 Sample : P1754-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 05:55:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

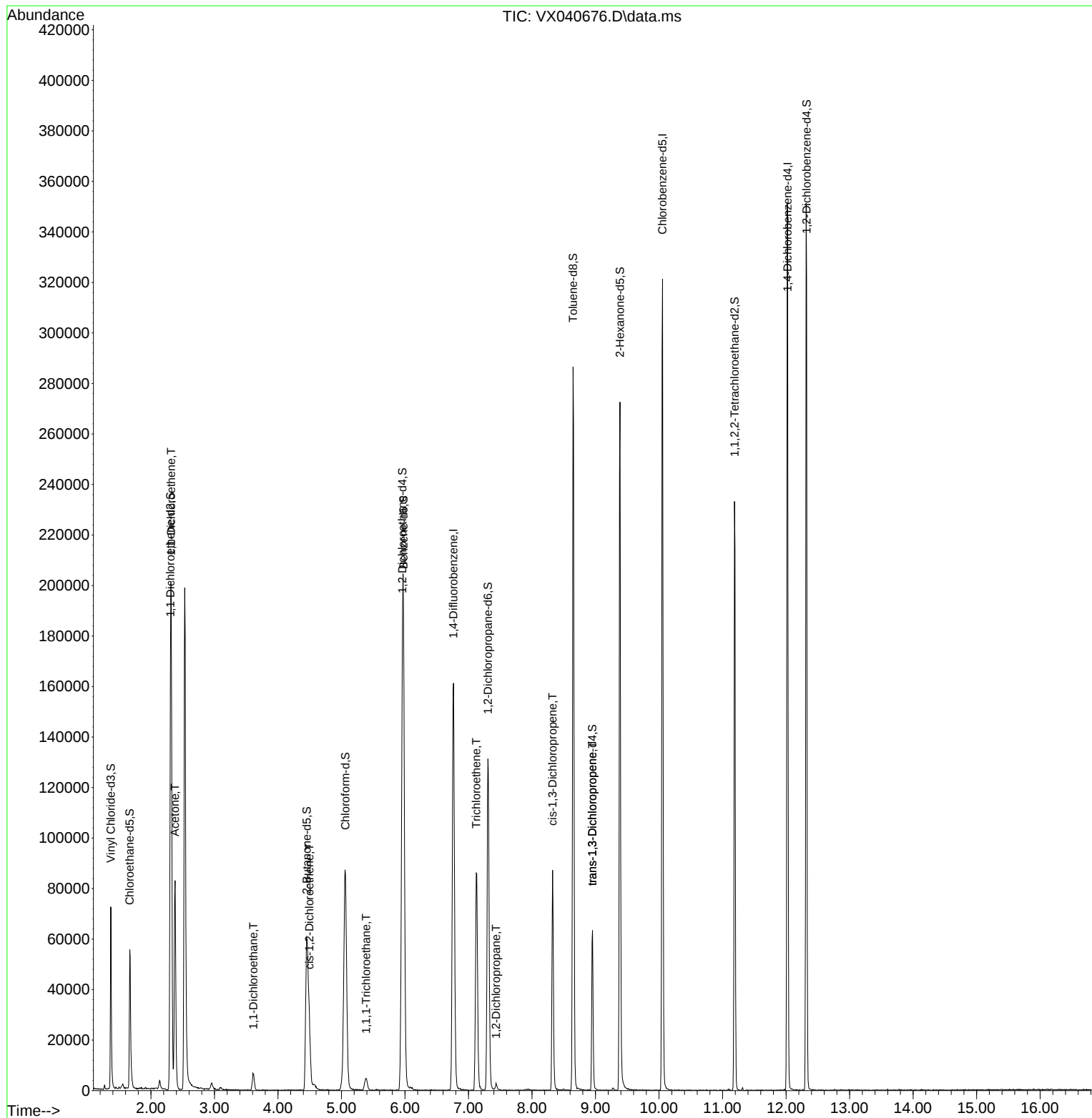
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152471	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	134897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	43847	32.806	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.620%		
7) Chloroethane-d5	1.666	69	42109	39.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.920%		
11) 1,1-Dichloroethene-d2	2.306	65	20843	33.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.760%		
21) 2-Butanone-d5	4.452	46	102224	99.670	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.670%		
24) Chloroform-d	5.062	84	109261	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
26) 1,2-Dichloroethane-d4	5.958	65	82954	44.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.520%		
32) Benzene-d6	5.976	84	183185	44.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.520%		
36) 1,2-Dichloropropane-d6	7.305	67	62434	48.675	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.360%		
41) Toluene-d8	8.647	98	163189	40.916	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.840%		
43) trans-1,3-Dichloroprop...	8.951	79	29162	42.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.440%		
47) 2-Hexanone-d5	9.384	63	72234	102.063	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.060%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	86663	45.127	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.260%		
66) 1,2-Dichlorobenzene-d4	12.323	152	65459	45.582	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.160%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.318	96	40812	43.913	ug/L	98
13) Acetone	2.379	43	89849	122.677	ug/L	99
19) 1,1-Dichloroethane	3.611	63	7471	4.030	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	12427	11.616	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	4774	2.841	ug/L #	57
34) Trichloroethene	7.122	95	33466	31.283	ug/L	99
37) 1,2-Dichloropropane	7.433	63	1034	1.078	ug/L #	88
39) cis-1,3-Dichloropropene	8.323	75	2397	1.484	ug/L #	73
44) trans-1,3-Dichloropropene	8.951	75	1686	1.072	ug/L	94

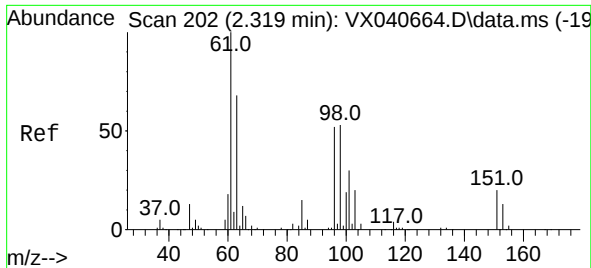
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

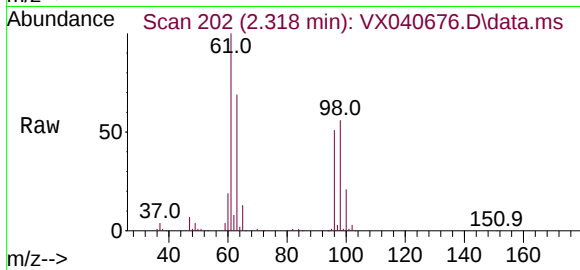
Quant Time: Mar 16 05:55:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 05:02:38 2024
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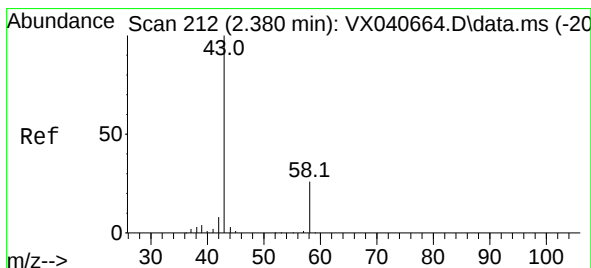
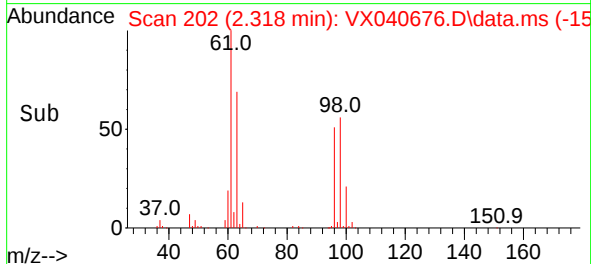
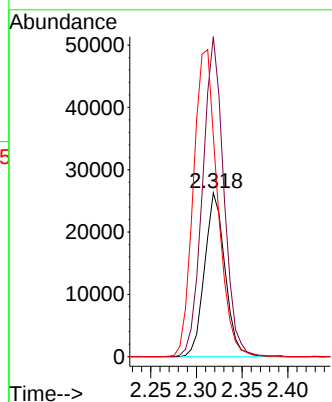


#12
1,1-Dichloroethene
Concen: 43.913 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040676.D
Acq: 16 Mar 2024 00:24

Instrument :
MSVOA_X
ClientSampleId :

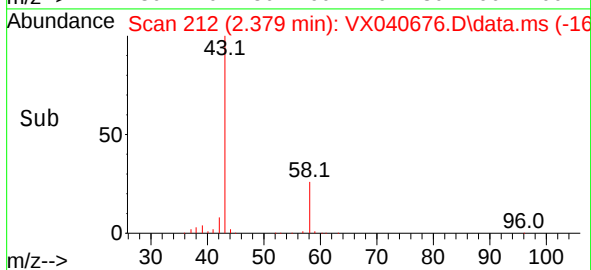
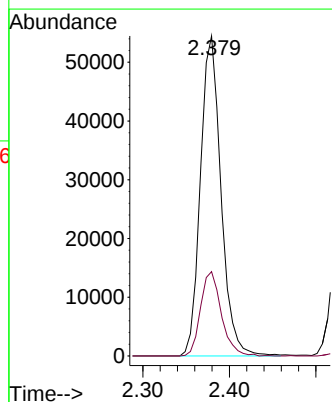
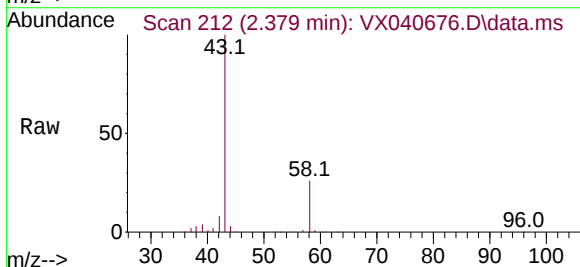


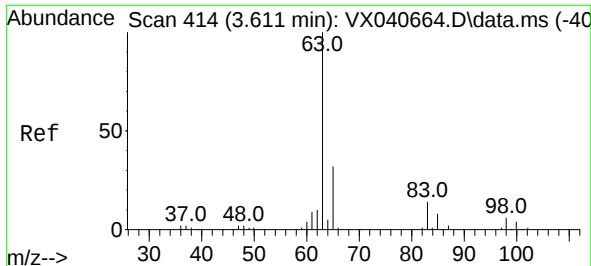
Tgt Ion: 96 Resp: 40812
Ion Ratio Lower Upper
96 100
61 195.2 134.8 250.4
63 134.7 92.5 171.9



#13
Acetone
Concen: 122.677 ug/L
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040676.D
Acq: 16 Mar 2024 00:24

Tgt Ion: 43 Resp: 89849
Ion Ratio Lower Upper
43 100
58 26.6 0.0 54.6





#19

1,1-Dichloroethane

Concen: 4.030 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040676.D

Acq: 16 Mar 2024 00:24

Instrument :

MSVOA_X

ClientSampleId :

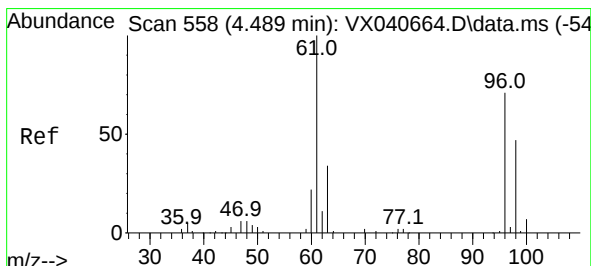
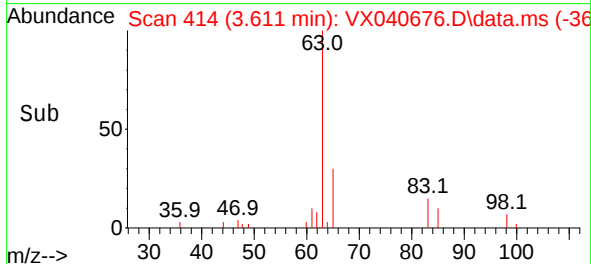
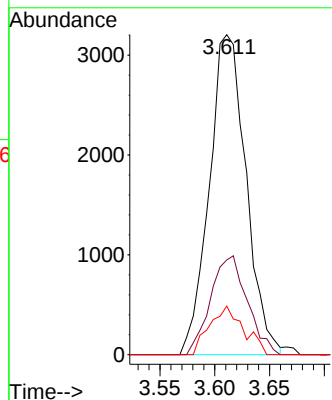
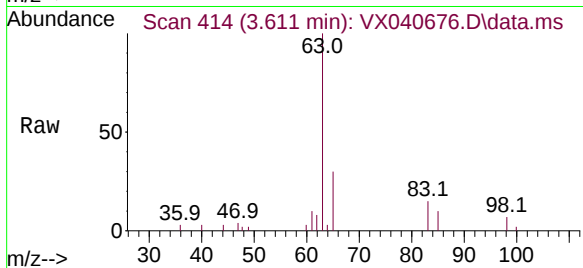
Tgt Ion: 63 Resp: 7471

Ion Ratio Lower Upper

63 100

65 29.6 23.1 42.9

83 15.2 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 11.616 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX040676.D

Acq: 16 Mar 2024 00:24

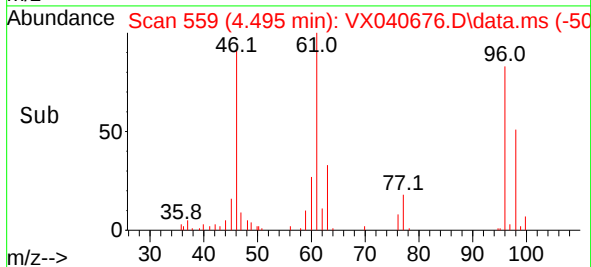
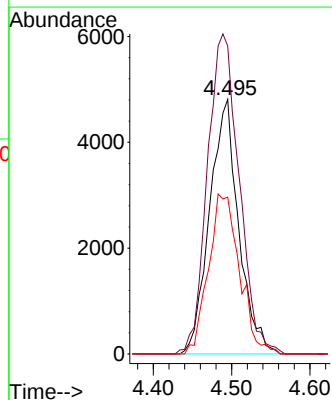
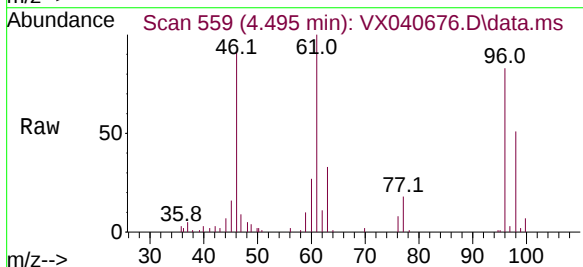
Tgt Ion: 96 Resp: 12427

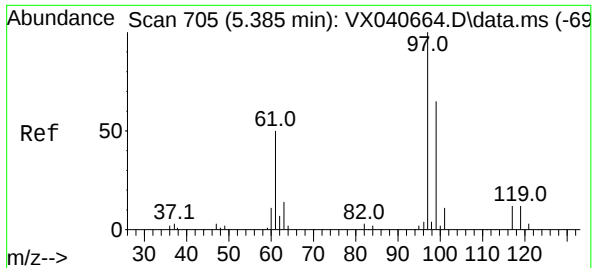
Ion Ratio Lower Upper

96 100

61 121.0 93.0 172.8

98 61.6 42.4 78.6





#30

1,1,1-Trichloroethane

Concen: 2.841 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040676.D

Acq: 16 Mar 2024 00:24

Instrument :

MSVOA_X

ClientSampleId :

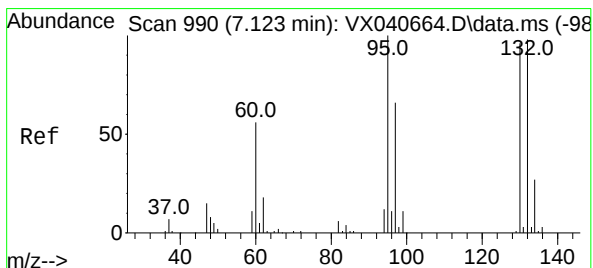
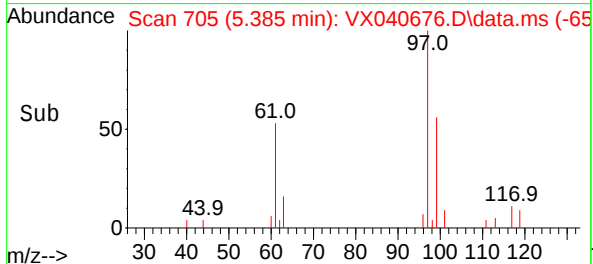
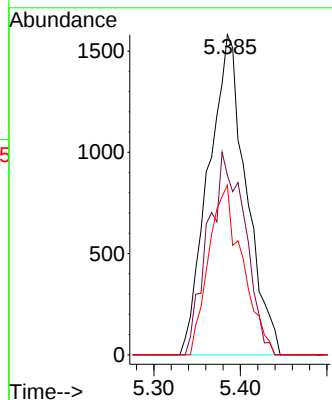
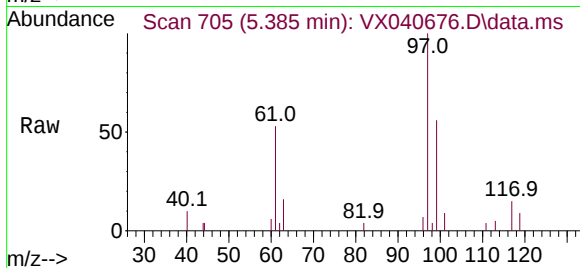
Tgt Ion: 97 Resp: 4774

Ion Ratio Lower Upper

97 100

99 6.9 52.1 78.1#

61 47.5 38.3 57.5



#34

Trichloroethene

Concen: 31.283 ug/L

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040676.D

Acq: 16 Mar 2024 00:24

Tgt Ion: 95 Resp: 33466

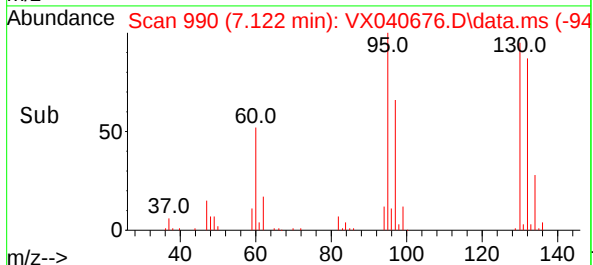
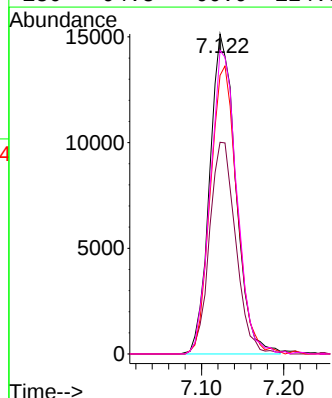
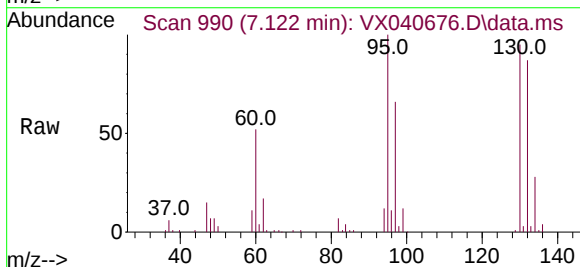
Ion Ratio Lower Upper

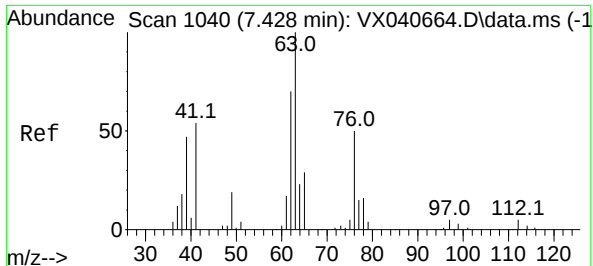
95 100

97 66.1 44.7 83.1

132 87.1 61.5 114.3

130 94.8 66.9 124.3





#37

1,2-Dichloropropane

Concen: 1.078 ug/L

RT: 7.433 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VX040676.D

Acq: 16 Mar 2024 00:24

Instrument :

MSVOA_X

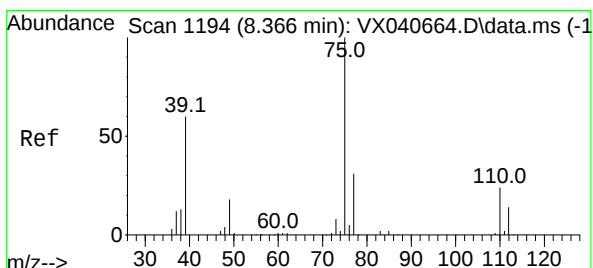
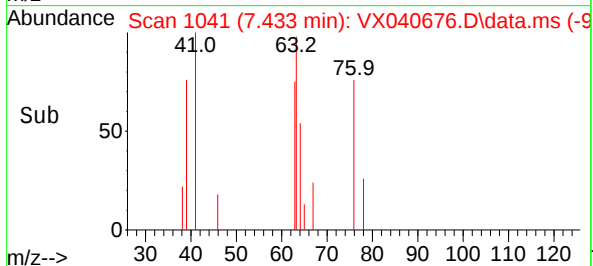
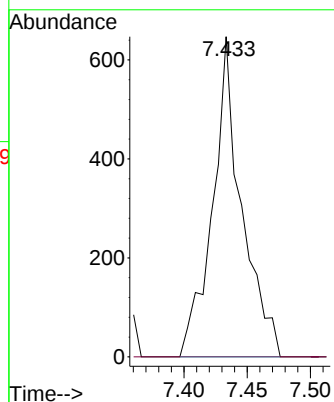
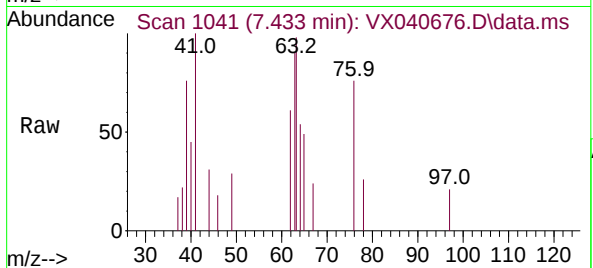
ClientSampleId :

Tgt Ion: 63 Resp: 1034

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 1.484 ug/L

RT: 8.323 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX040676.D

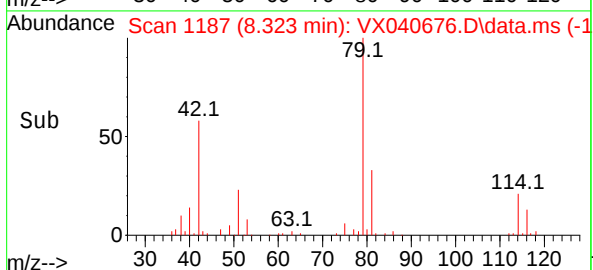
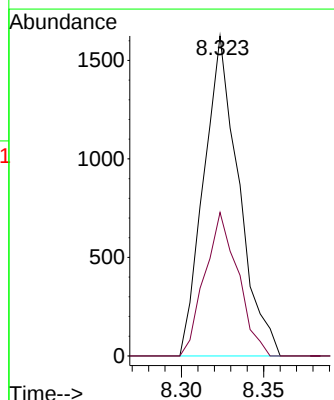
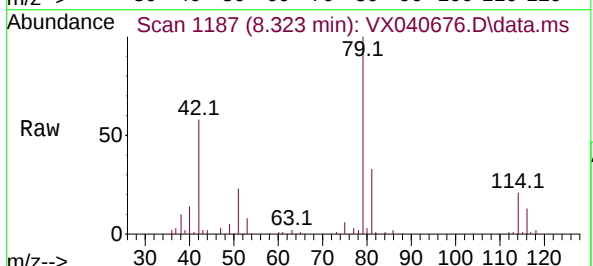
Acq: 16 Mar 2024 00:24

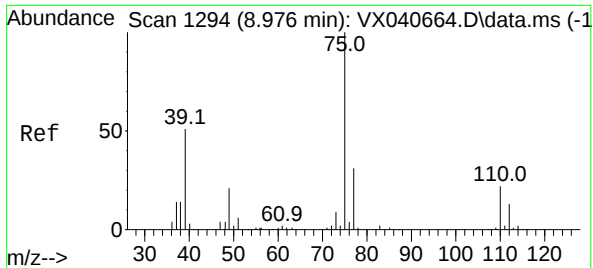
Tgt Ion: 75 Resp: 2397

Ion Ratio Lower Upper

75 100

77 44.8 21.1 39.3#





#44
trans-1,3-Dichloropropene
Concen: 1.072 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX040676.D
Acq: 16 Mar 2024 00:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1686
Ion Ratio Lower Upper
75 100
77 35.0 22.1 41.1

