

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035144.D
 Acq On : 18 Apr 2023 23:47
 Operator : JC/MD
 Sample : 02397-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMMO

Quant Time: Apr 19 01:39:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	501498	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	436964	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	216993	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.367	65	176365	54.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.080%	
7) Chloroethane-d5	1.672	69	136115	58.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 116.500%	
11) 1,1-Dichloroethene-d2	2.306	65	83003	53.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.300%	
21) 2-Butanone-d5	4.458	46	233711	108.455	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.460%	
24) Chloroform-d	5.056	84	319519	52.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.940%	
26) 1,2-Dichloroethane-d4	5.952	65	212644	54.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.760%	
32) Benzene-d6	5.976	84	697535	55.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.140%	
36) 1,2-Dichloropropane-d6	7.305	67	212146	55.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.660%	
41) Toluene-d8	8.647	98	633611	55.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.460%	
43) trans-1,3-Dichloroprop...	8.951	79	87844	52.424	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.840%	
47) 2-Hexanone-d5	9.384	63	173526	112.698	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 112.700%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252694	53.813	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.620%	
66) 1,2-Dichlorobenzene-d4	12.085	152	88	0.021	ug/L	-0.24
Spiked Amount	50.000	Range	80 - 120	Recovery	= 0.040%#	

Target Compounds

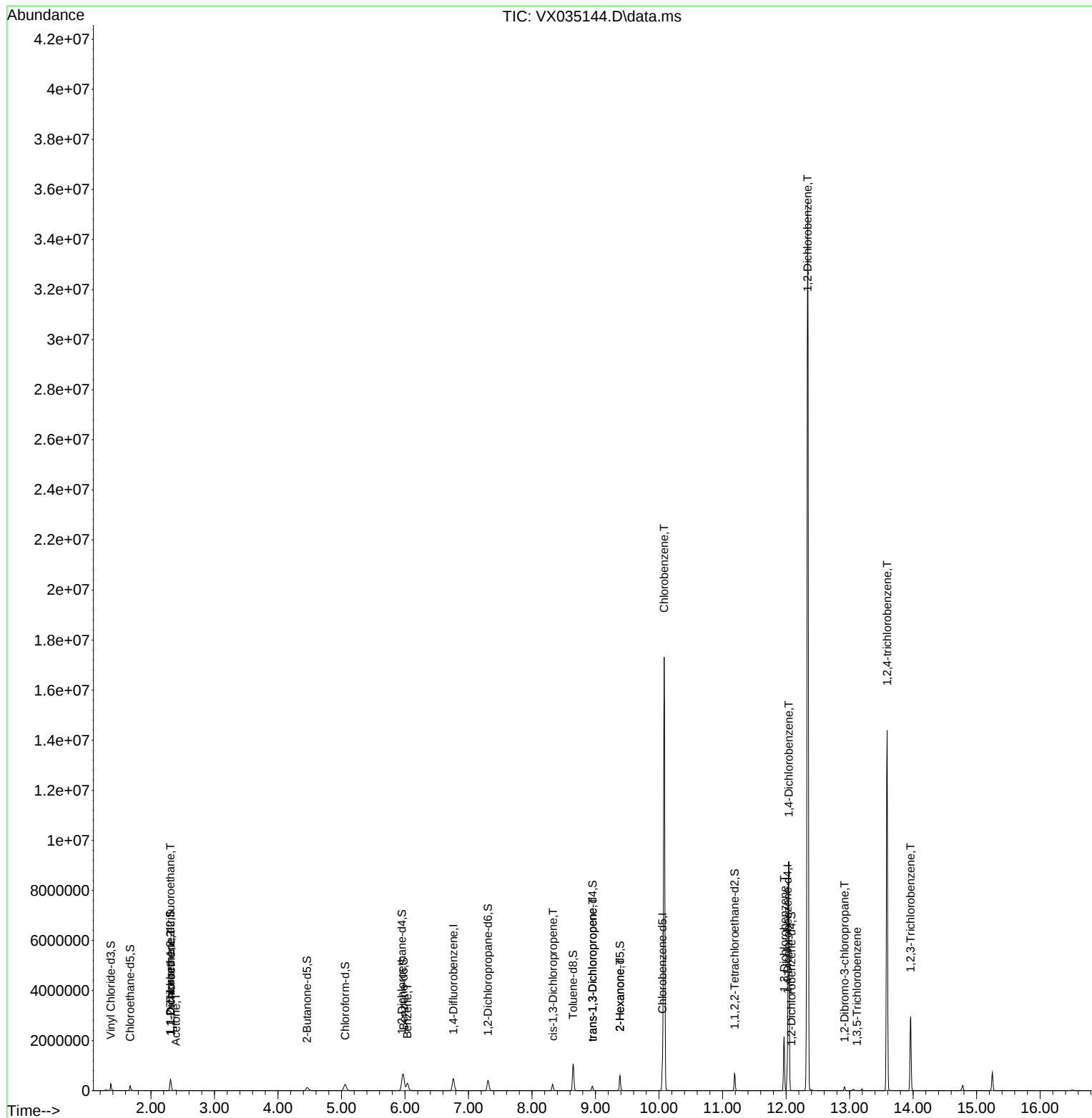
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	2421	0.737	ug/L #	19
12) 1,1-Dichloroethene	2.312	96	1982	0.662	ug/L #	1
13) Acetone	2.392	43	27699	17.331	ug/L	99
33) Benzene	6.037	78	355504	26.865	ug/L	100
39) cis-1,3-Dichloropropene	8.330	75	5742	1.102	ug/L #	77
44) trans-1,3-Dichloropropene	8.951	75	3905	0.832	ug/L	99
48) 2-Hexanone	9.384	43	19914	5.711	ug/L #	67
51) Chlorobenzene	10.079	112	7168577	792.543	ug/L	88
64) 1,3-Dichlorobenzene	11.969	146	676065	100.465	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	2829817	410.955	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	10358899	1518.167	ug/L #	81
68) 1,2-Dibromo-3-chloropr...	12.920	75	21209	21.455	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.115	180	3613	0.868	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	3348397	859.564	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	709228	184.424	ug/L	98

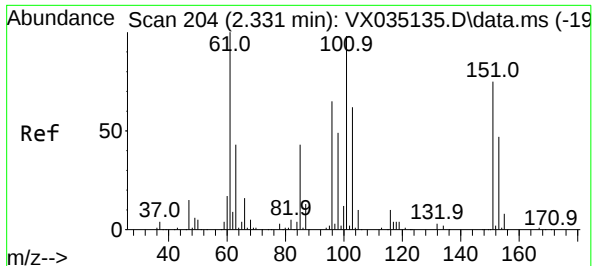
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QLast Update : Wed Apr 19 01:27:01 2023
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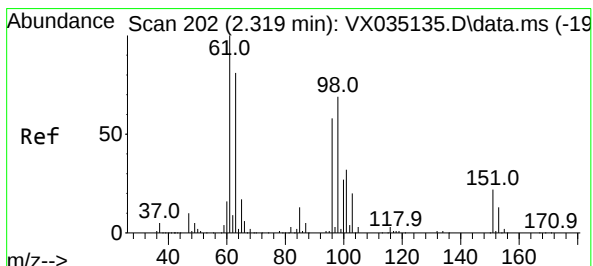
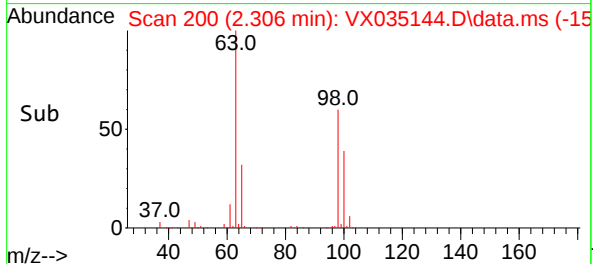
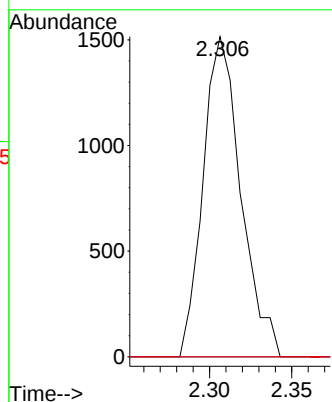
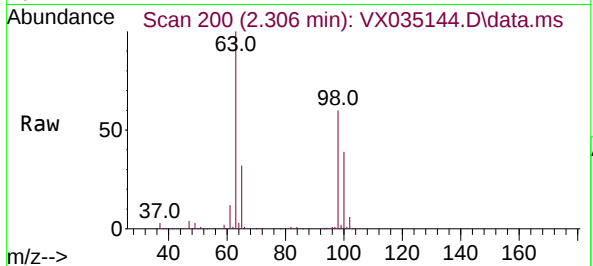




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.737 ug/L
RT: 2.306 min Scan# 20
Delta R.T. -0.024 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

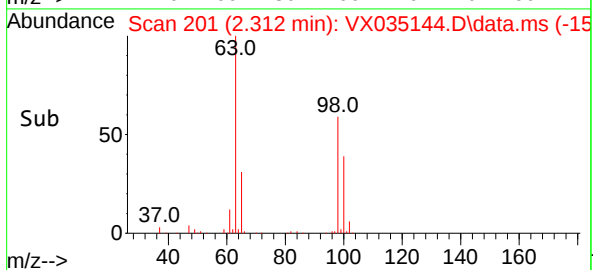
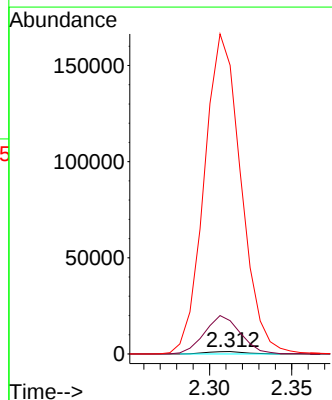
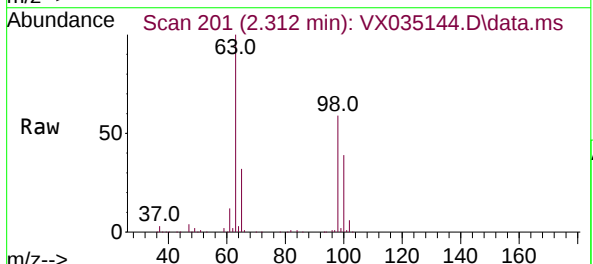
Instrument :
MSVOA_X
ClientSampleId :
COMM0

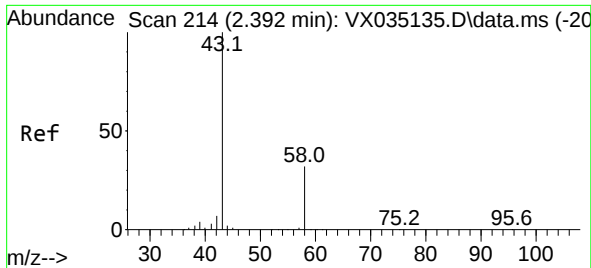
Tgt Ion:101 Resp: 2421
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.2#
151 0.0 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.662 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

Tgt Ion: 96 Resp: 1982
Ion Ratio Lower Upper
96 100
61 1410.8 119.0 221.0#
63 12241.4 91.0 169.0#





#13

Acetone

Concen: 17.331 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX035144.D

Acq: 18 Apr 2023 23:47

Instrument :

MSVOA_X

ClientSampleId :

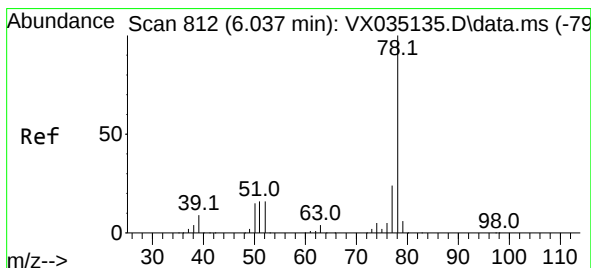
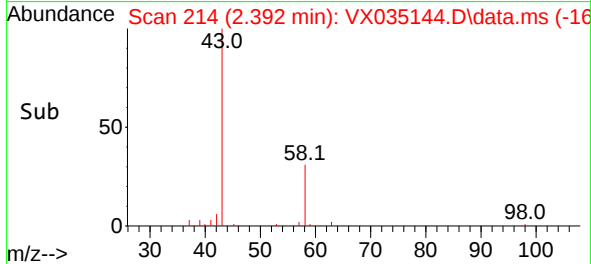
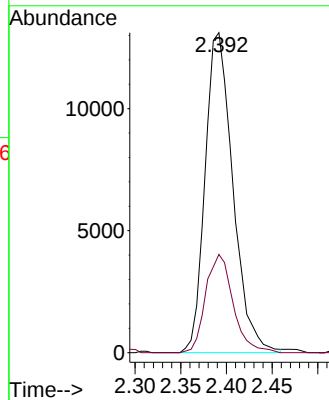
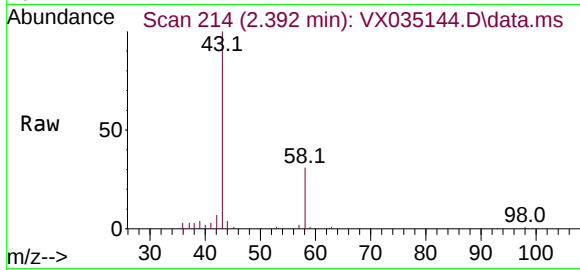
COMM0

Tgt Ion: 43 Resp: 27699

Ion Ratio Lower Upper

43 100

58 30.3 0.0 62.0



#33

Benzene

Concen: 26.865 ug/L

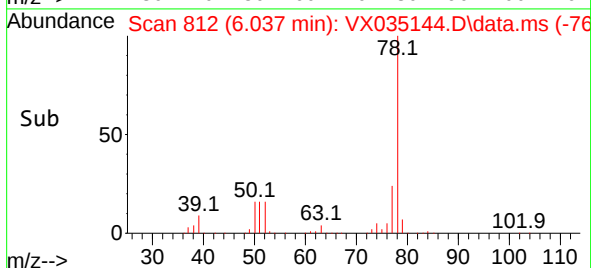
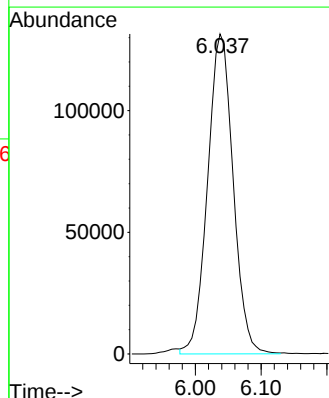
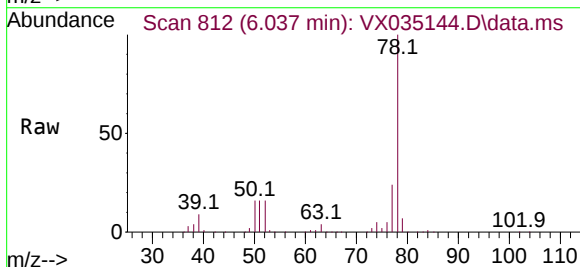
RT: 6.037 min Scan# 812

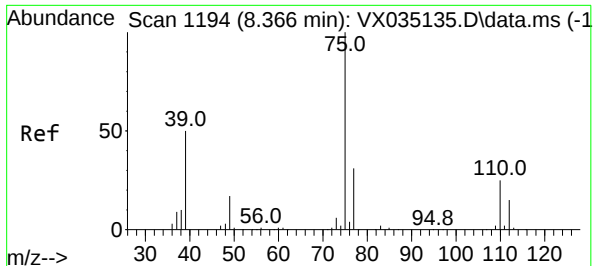
Delta R.T. -0.000 min

Lab File: VX035144.D

Acq: 18 Apr 2023 23:47

Tgt Ion: 78 Resp: 355504





#39

cis-1,3-Dichloropropene

Concen: 1.102 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX035144.D

Acq: 18 Apr 2023 23:47

Instrument :

MSVOA_X

ClientSampleId :

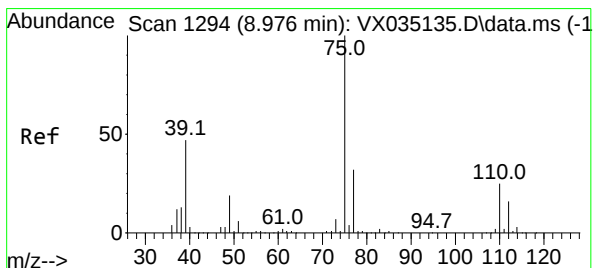
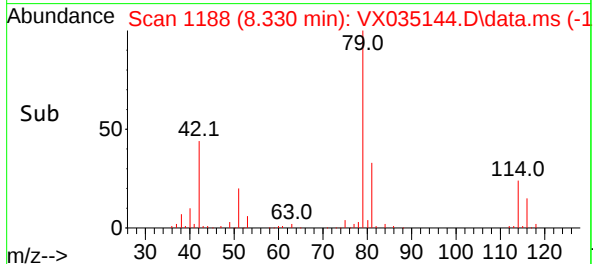
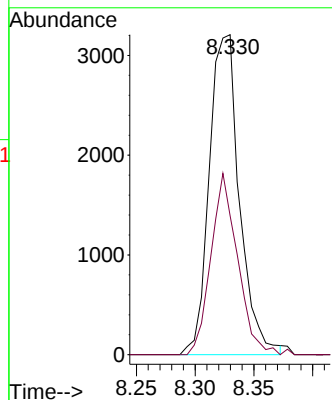
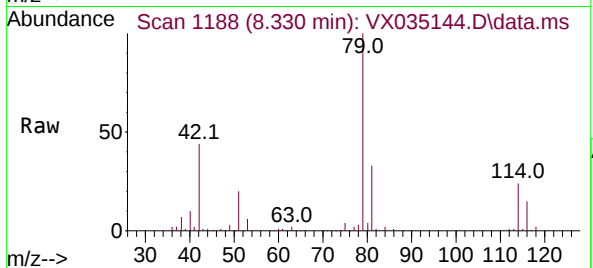
COMM0

Tgt Ion: 75 Resp: 5742

Ion Ratio Lower Upper

75 100

77 43.4 21.4 39.8#



#44

trans-1,3-Dichloropropene

Concen: 0.832 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX035144.D

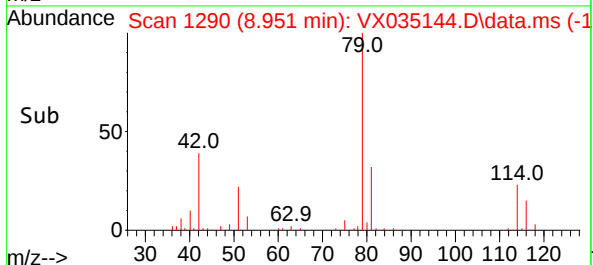
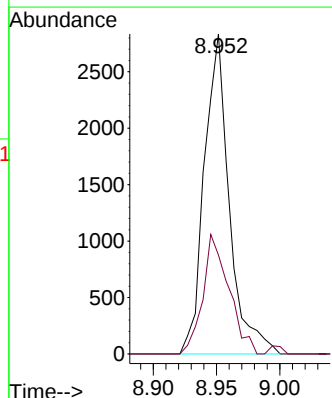
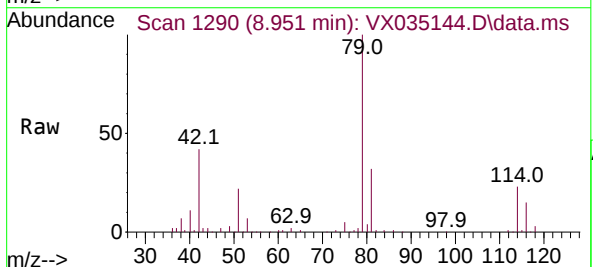
Acq: 18 Apr 2023 23:47

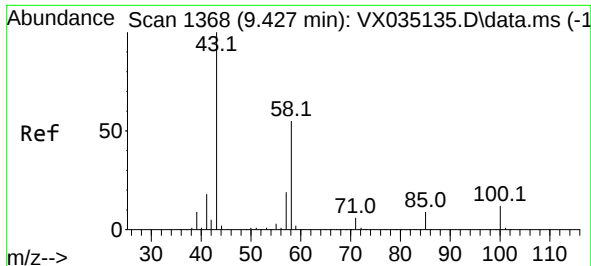
Tgt Ion: 75 Resp: 3905

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8



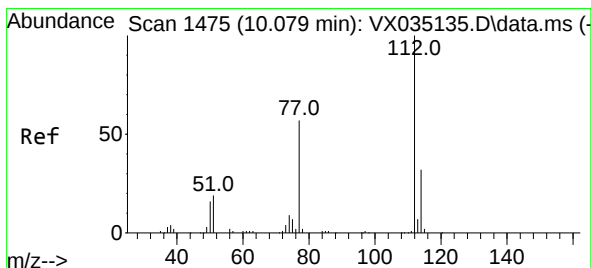
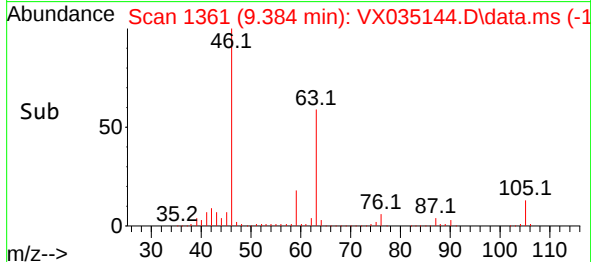
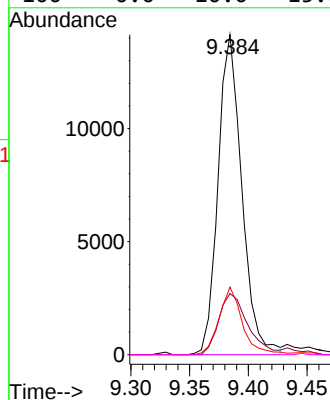
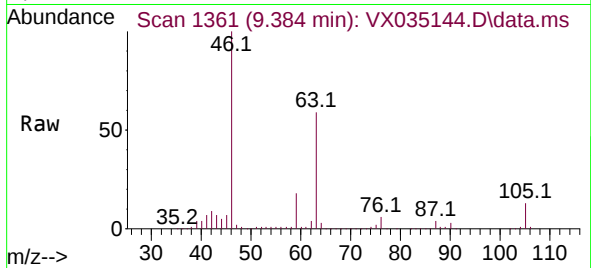


#48
2-Hexanone
Concen: 5.711 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

Instrument :
MSVOA_X
ClientSampleId :
COMM0

Tgt Ion: 43 Resp: 19914

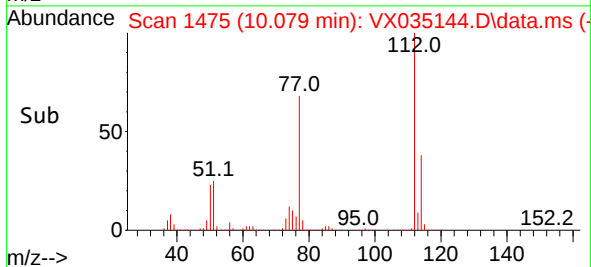
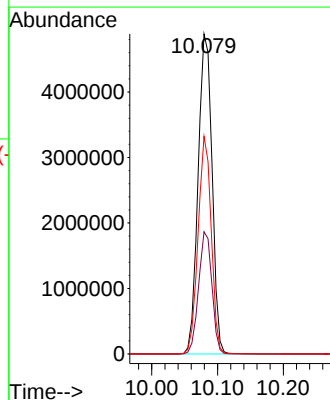
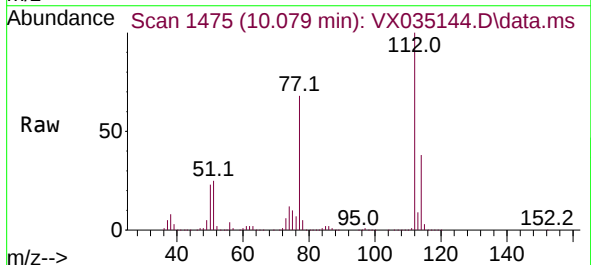
Ion	Ratio	Lower	Upper
43	100		
58	23.1	43.2	64.8#
57	20.8	15.4	23.0
100	0.0	10.0	15.0#

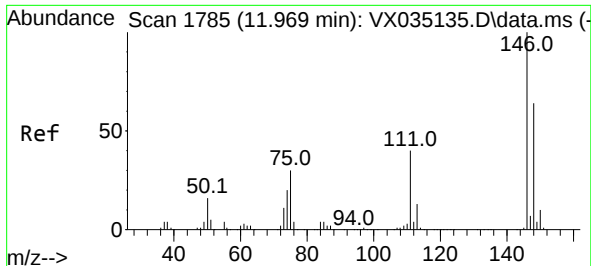


#51
Chlorobenzene
Concen: 792.543 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

Tgt Ion: 112 Resp: 7168577

Ion	Ratio	Lower	Upper
112	100		
114	38.2	22.4	41.6
77	68.0	47.0	70.6

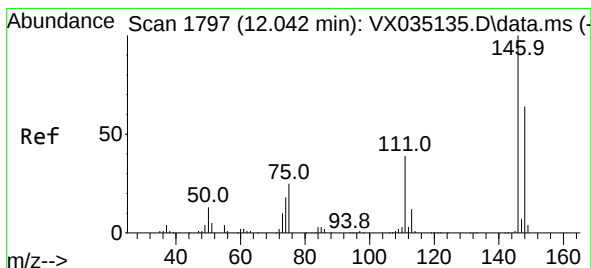
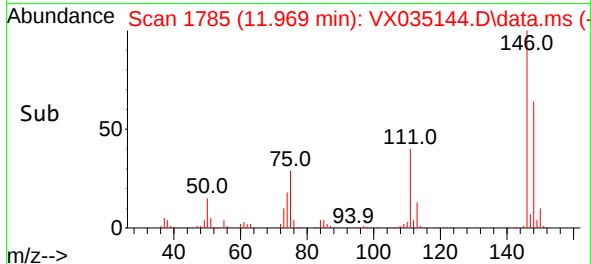
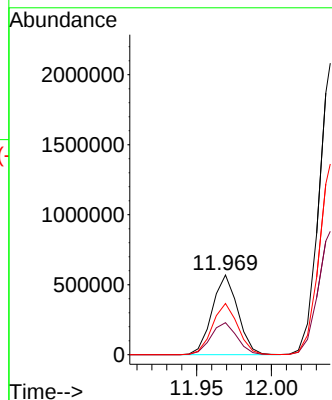
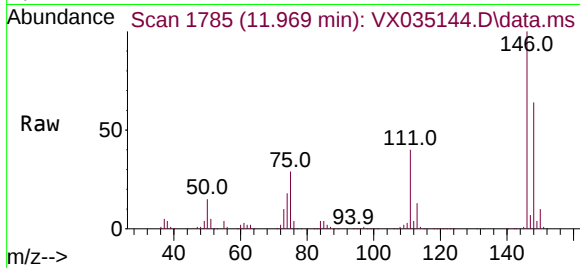




#64
1,3-Dichlorobenzene
Concen: 100.465 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

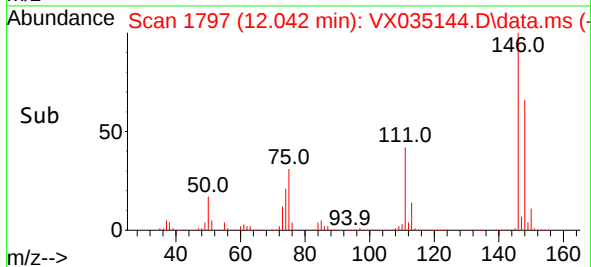
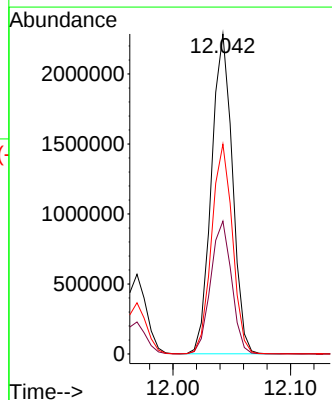
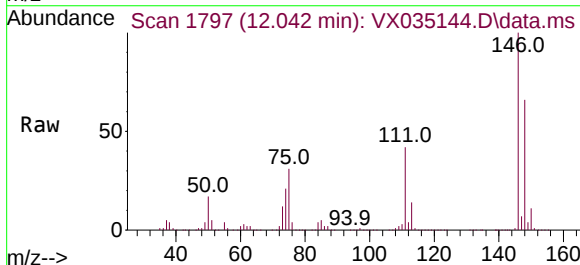
Instrument :
MSVOA_X
ClientSampleId :
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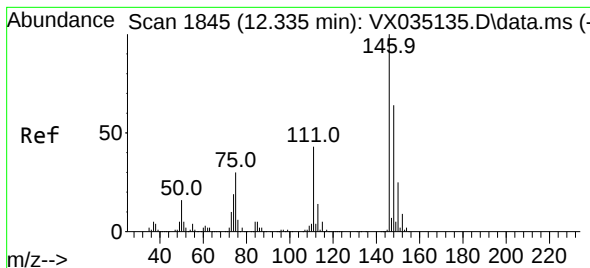
Tgt Ion:146 Resp: 676065
Ion Ratio Lower Upper
146 100
111 40.2 28.9 53.7
148 64.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 410.955 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

Tgt Ion:146 Resp: 2829817
Ion Ratio Lower Upper
146 100
111 41.5 27.9 51.7
148 65.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1518.167 ug/L

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035144.D

Acq: 18 Apr 2023 23:47

Instrument :

MSVOA_X

ClientSampleId :

COMM0

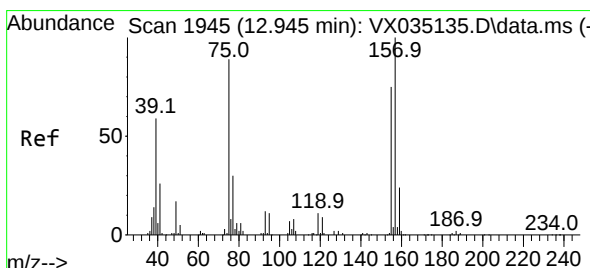
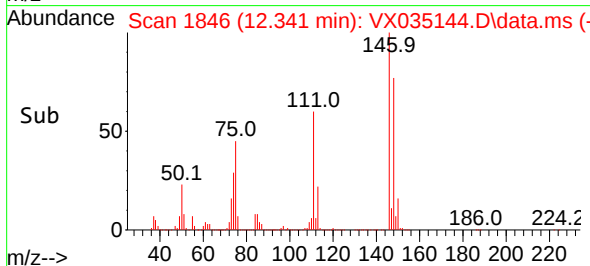
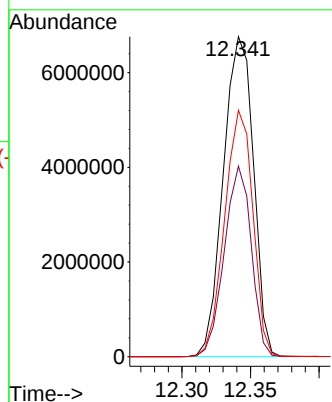
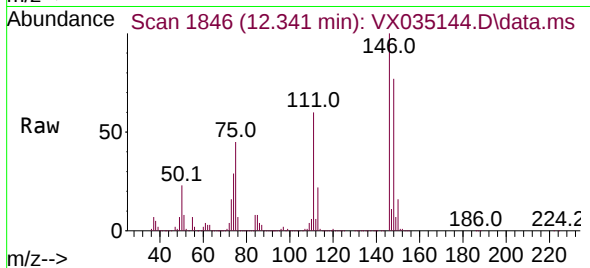
Tgt Ion:146 Resp:10358899

Ion Ratio Lower Upper

146 100

111 59.6 34.7 52.1#

148 77.0 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.455 ug/L

RT: 12.920 min Scan# 1941

Delta R.T. -0.024 min

Lab File: VX035144.D

Acq: 18 Apr 2023 23:47

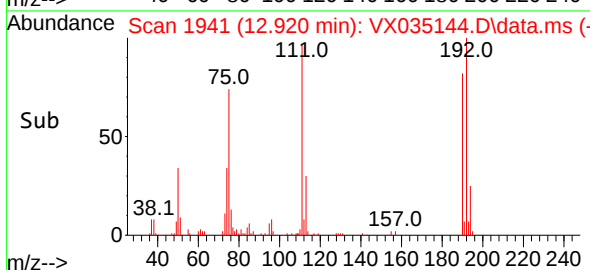
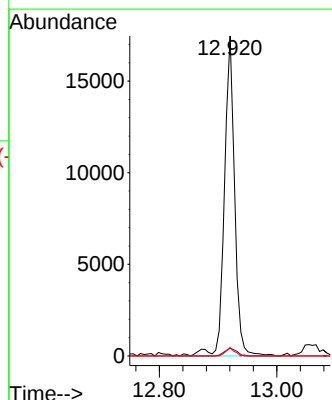
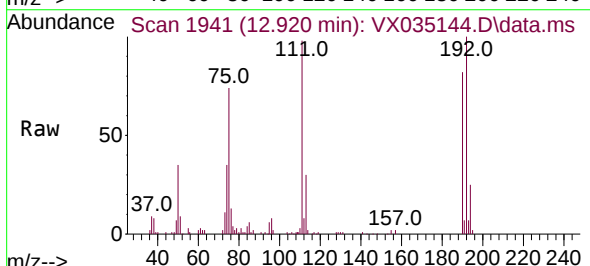
Tgt Ion: 75 Resp: 21209

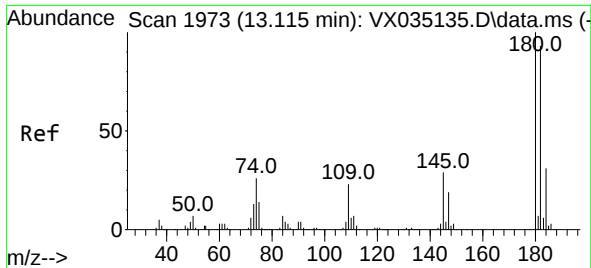
Ion Ratio Lower Upper

75 100

155 2.4 69.9 104.9#

157 2.6 90.4 135.6#

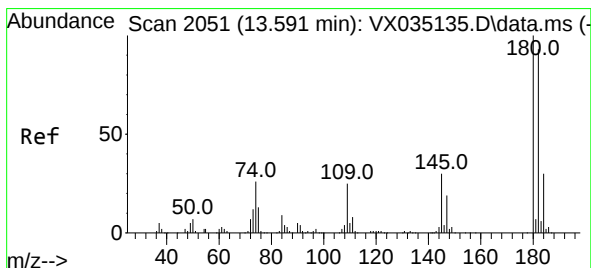
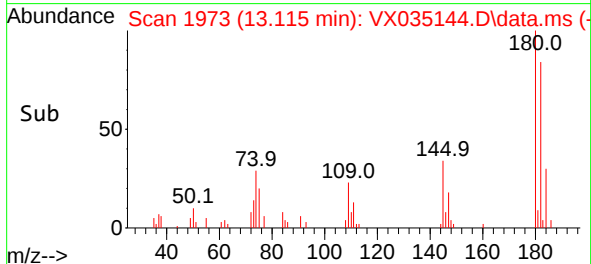
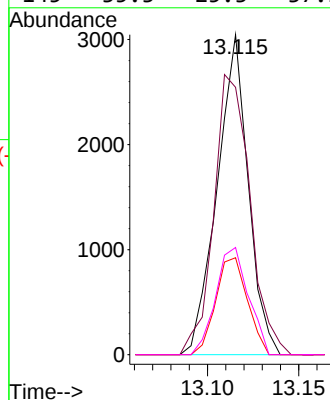
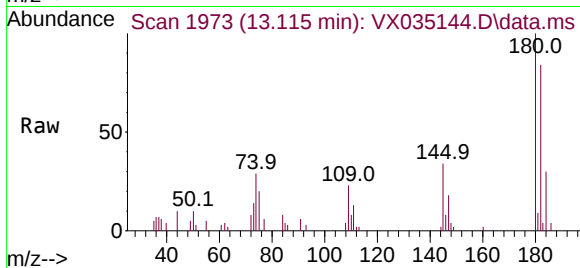




#69
1,3,5-Trichlorobenzene
Concen: 0.868 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

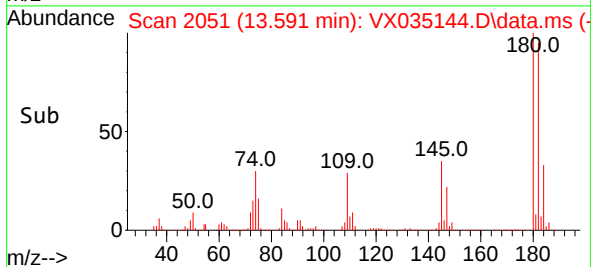
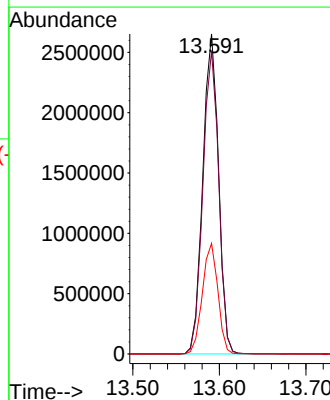
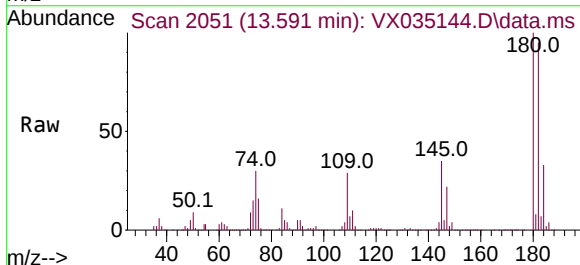
Instrument :
MSVOA_X
ClientSampleId :
COMM0

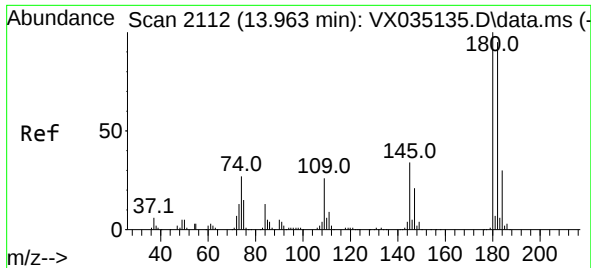
Tgt Ion:180	Resp:	3613	
Ion	Ratio	Lower	Upper
180	100		
182	101.5	75.4	113.0
184	31.0	23.8	35.8
145	35.3	25.3	37.9



#70
1,2,4-trichlorobenzene
Concen: 859.564 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

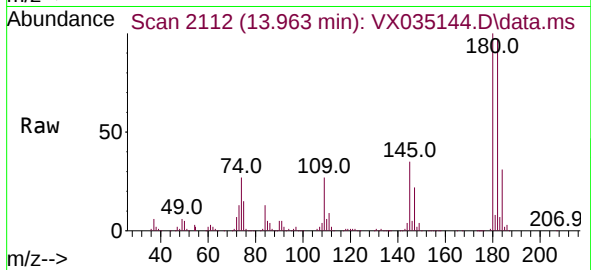
Tgt Ion:180	Resp:	3348397	
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.6	114.8
145	34.0	26.2	39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 184.424 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035144.D
 Acq: 18 Apr 2023 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM0



Tgt Ion:180 Resp: 709228
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.0 112.6
 145 34.9 27.1 40.7

