

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035175.D
 Acq On : 19 Apr 2023 17:24
 Operator : JC/MD
 Sample : 02333-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:57:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

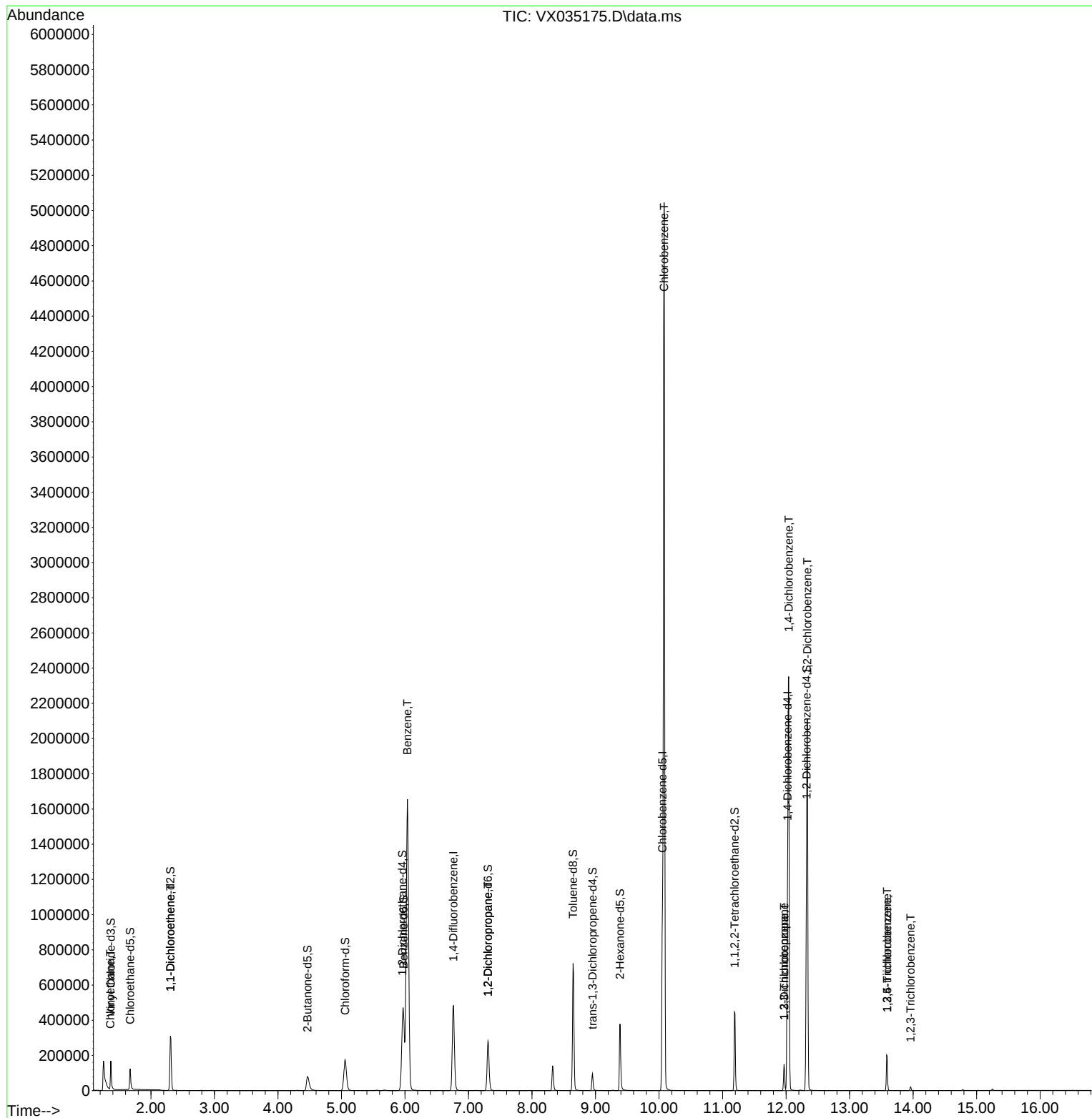
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	503785	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	438007	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	205530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	109365	33.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.340%		
7) Chloroethane-d5	1.672	69	82846	35.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.580%		
11) 1,1-Dichloroethene-d2	2.306	65	56267	36.201	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.400%		
21) 2-Butanone-d5	4.465	46	158492	73.216	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.220%		
24) Chloroform-d	5.056	84	217827	35.608	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.220%		
26) 1,2-Dichloroethane-d4	5.958	65	146000	37.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.340%		
32) Benzene-d6	5.976	84	478876	38.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.120%		
36) 1,2-Dichloropropane-d6	7.305	67	145535	37.866	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.740%		
41) Toluene-d8	8.647	98	432081	37.575	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.140%#		
43) trans-1,3-Dichloroprop...	8.952	79	44233	26.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.660%#		
47) 2-Hexanone-d5	9.384	63	109926	71.222	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.220%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	175813	37.352	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.700%		
66) 1,2-Dichlorobenzene-d4	12.323	152	152930	38.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.800%#		
Target Compounds						Qvalue
8) Chloroethane	1.361	64	5358	2.694	ug/L	93
12) 1,1-Dichloroethene	2.306	96	1306	0.434	ug/L #	1
33) Benzene	6.037	78	1999323	150.728	ug/L	100
37) 1,2-Dichloropropane	7.305	63	16092	4.608	ug/L #	86
51) Chlorobenzene	10.079	112	2150196	237.155	ug/L	98
61) 1,2,3-Trichloropropane	11.969	75	15031	3.961	ug/L #	47
64) 1,3-Dichlorobenzene	11.969	146	47454	7.445	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	749375	114.896	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	612060	94.704	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	48916	12.414	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	48916	13.258	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	5257	1.443	ug/L	97

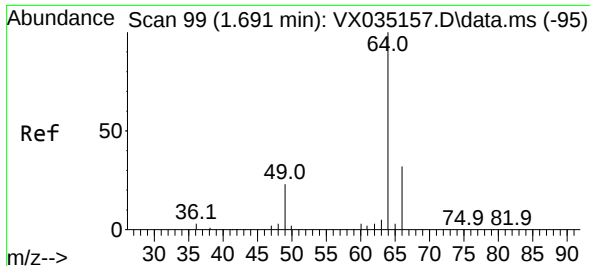
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
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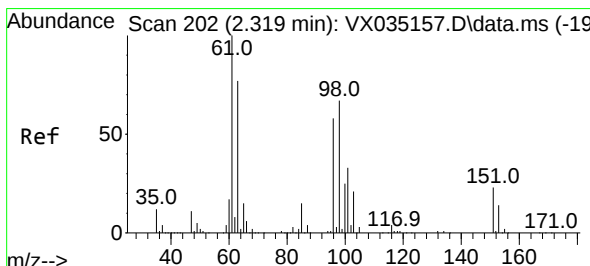
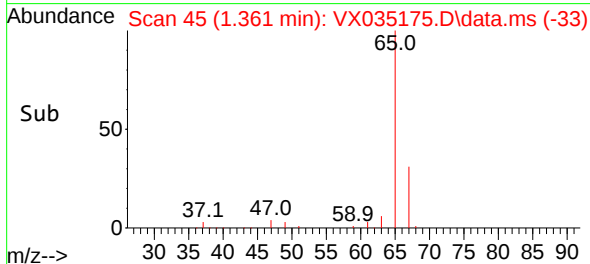
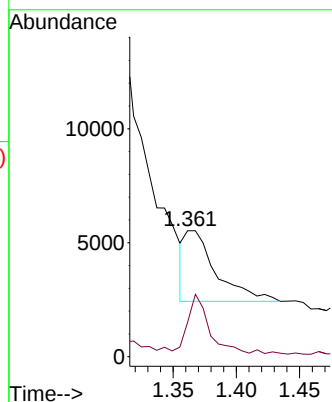
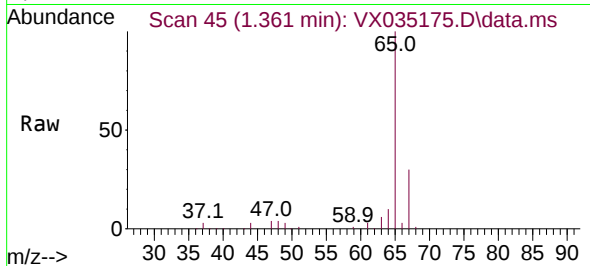




#8
Chloroethane
Concen: 2.694 ug/L
RT: 1.361 min Scan# 41
Delta R.T. -0.329 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

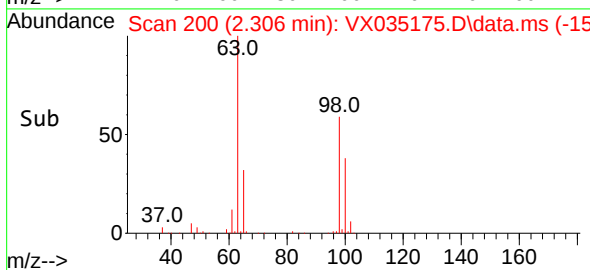
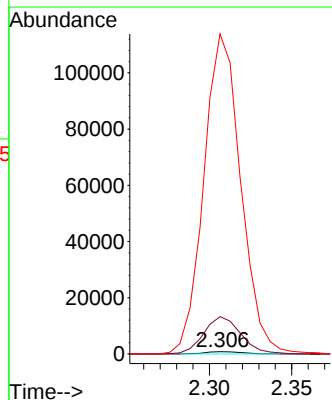
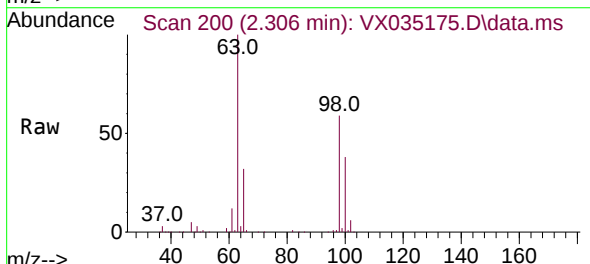
Instrument :
MSVOA_X
ClientSampleId :

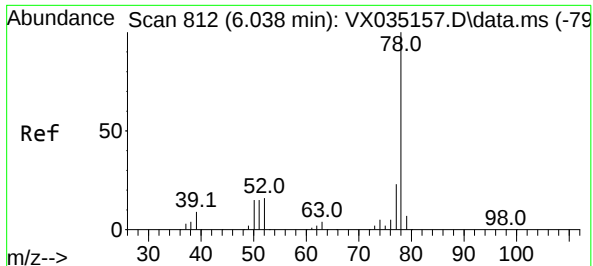
Tgt Ion: 64 Resp: 5358
Ion Ratio Lower Upper
64 100
66 27.2 21.9 40.7



#12
1,1-Dichloroethene
Concen: 0.434 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

Tgt Ion: 96 Resp: 1306
Ion Ratio Lower Upper
96 100
61 1669.5 119.0 221.0#
63 14339.5 91.0 169.0#

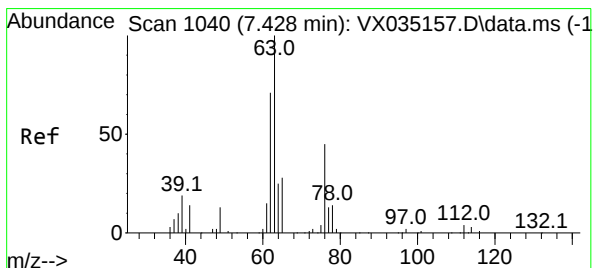
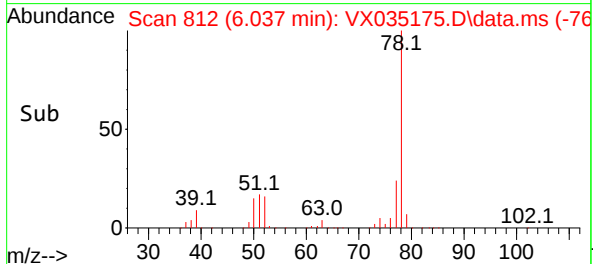
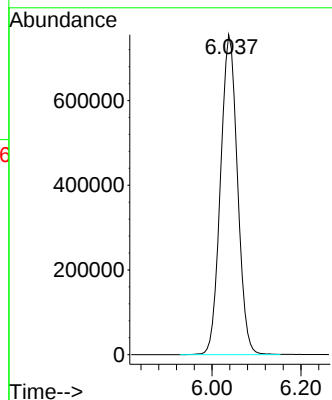
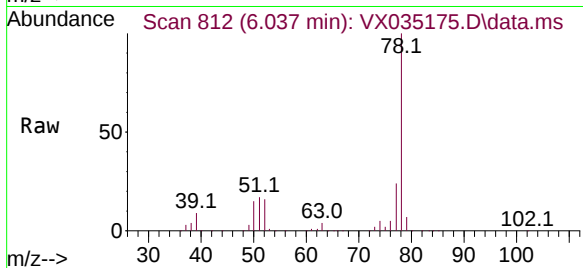




#33
Benzene
Concen: 150.728 ug/L
RT: 6.037 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

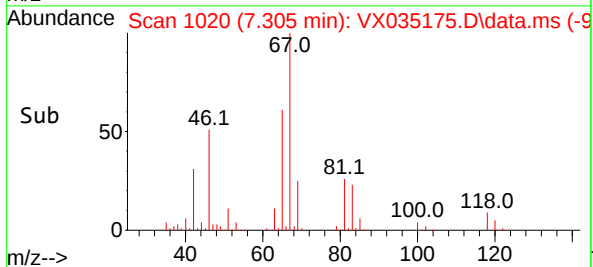
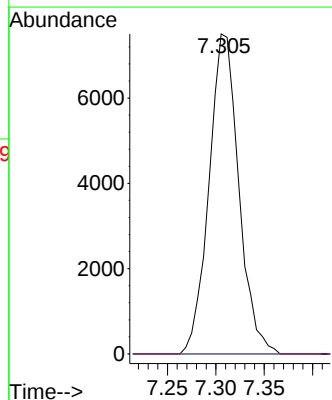
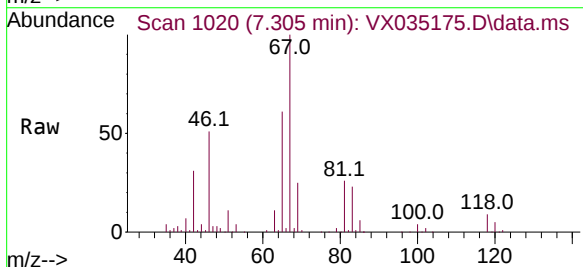
Instrument :
MSVOA_X
ClientSampleId :

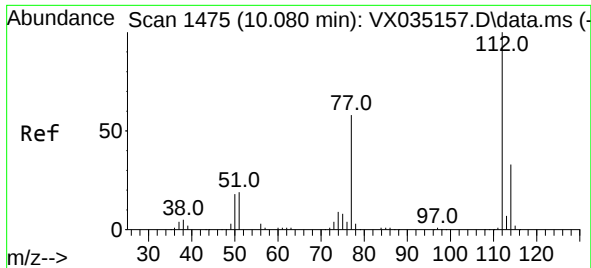
Tgt Ion: 78 Resp: 1999323



#37
1,2-Dichloropropane
Concen: 4.608 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

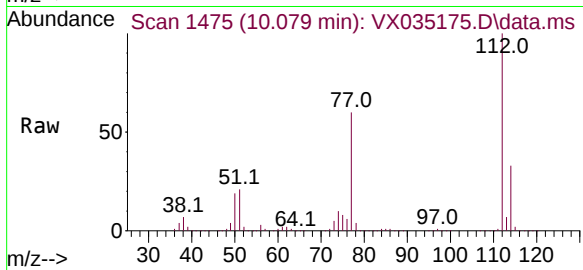
Tgt Ion: 63 Resp: 16092
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



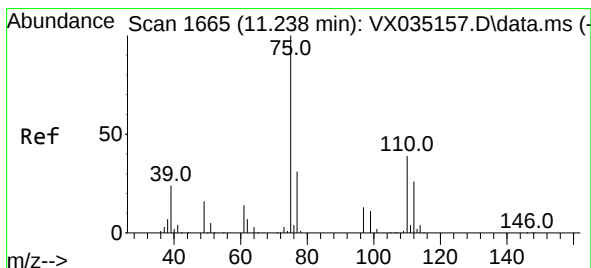
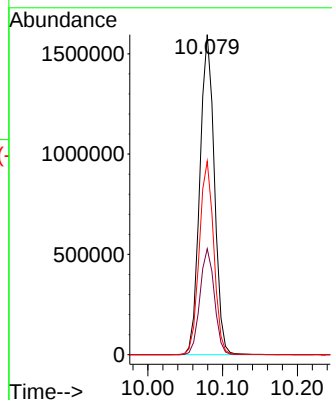
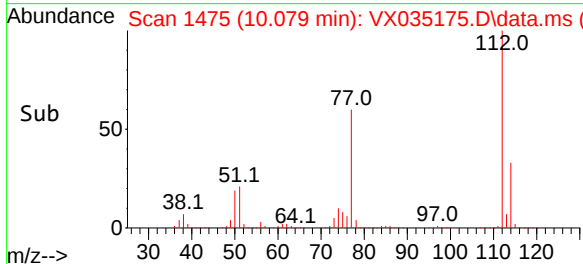


#51
Chlorobenzene
Concen: 237.155 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

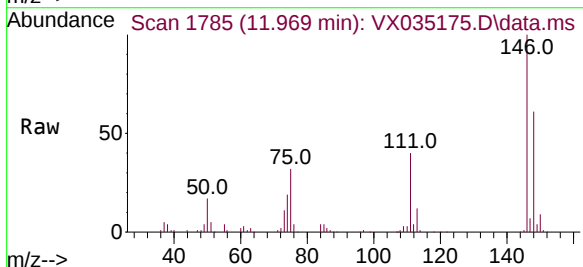
Instrument :
MSVOA_X
ClientSampleId :



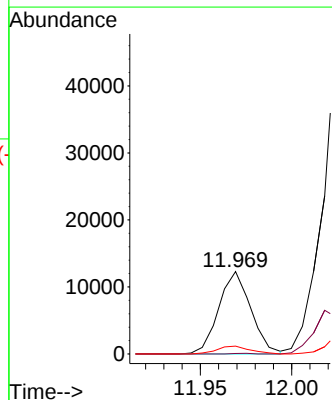
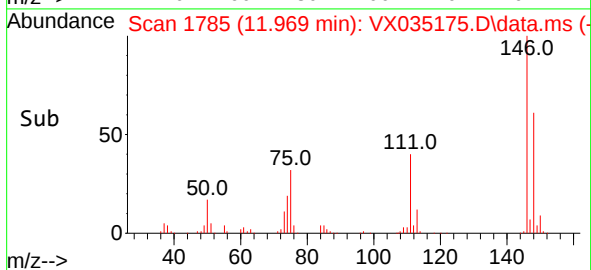
Tgt Ion:112 Resp: 2150196
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 60.5 47.0 70.6

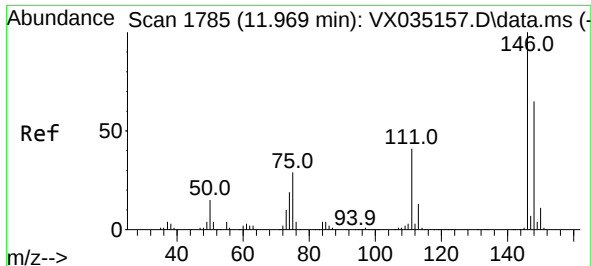


#61
1,2,3-Trichloropropane
Concen: 3.961 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.731 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24



Tgt Ion: 75 Resp: 15031
Ion Ratio Lower Upper
75 100
77 0.4 25.6 38.4#
110 9.8 32.5 48.7#





#64

1,3-Dichlorobenzene

Concen: 7.445 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX035175.D

Acq: 19 Apr 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

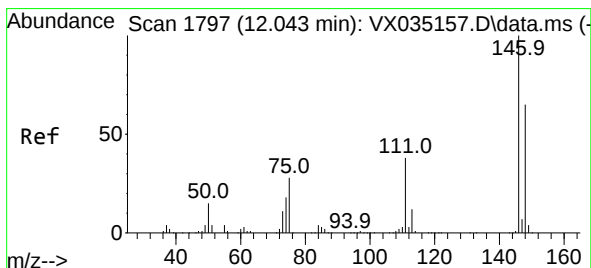
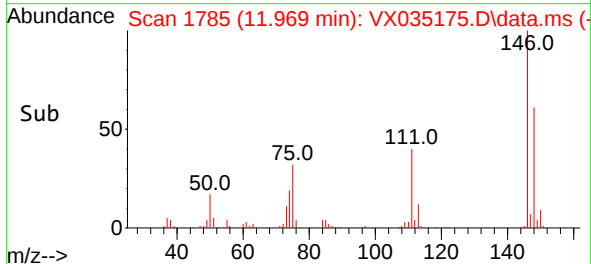
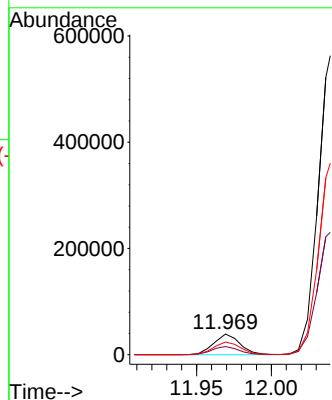
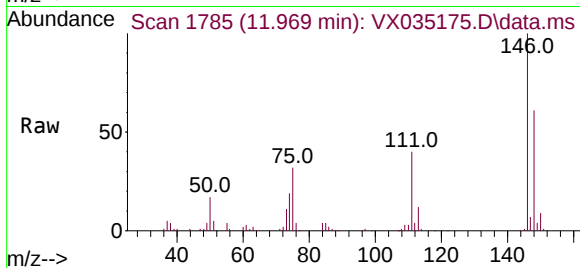
Tgt Ion:146 Resp: 47454

Ion Ratio Lower Upper

146 100

111 39.9 28.9 53.7

148 61.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 114.896 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035175.D

Acq: 19 Apr 2023 17:24

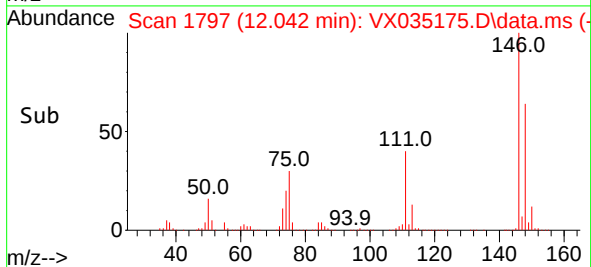
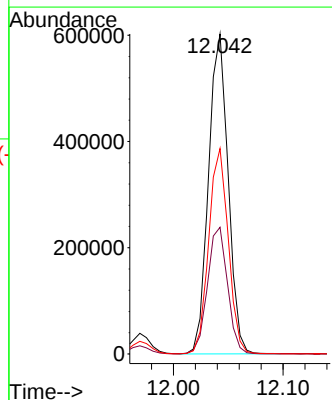
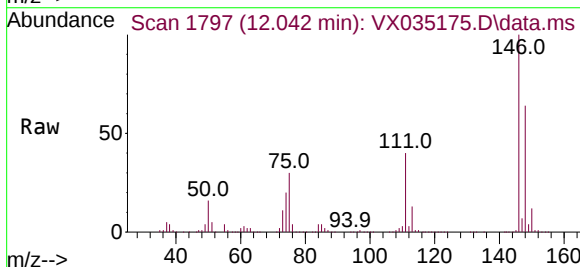
Tgt Ion:146 Resp: 749375

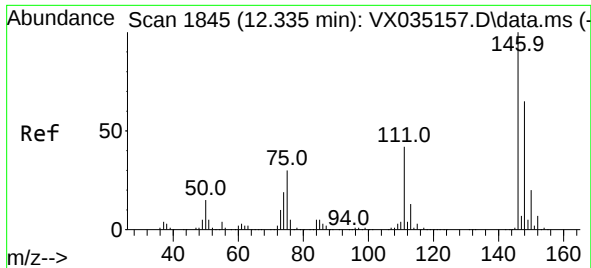
Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.7

148 64.2 45.9 85.3

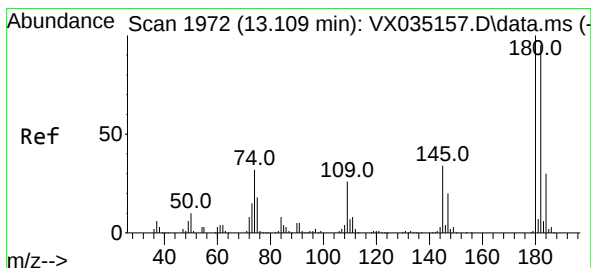
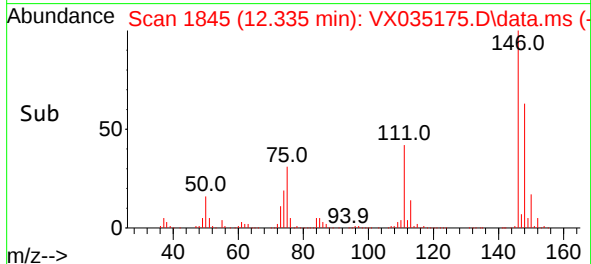
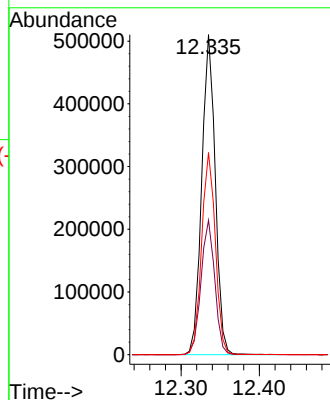
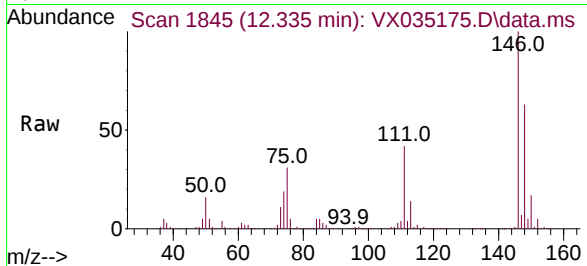




#67
 1,2-Dichlorobenzene
 Concen: 94.704 ug/L
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035175.D
 Acq: 19 Apr 2023 17:24

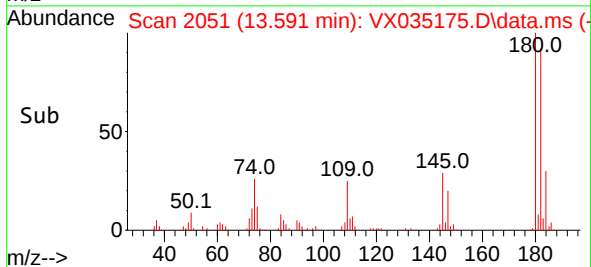
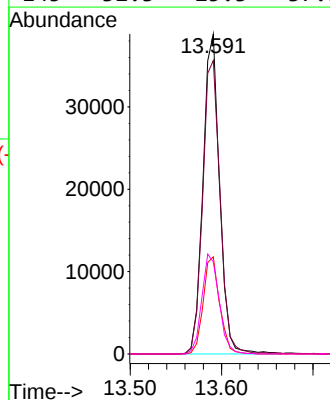
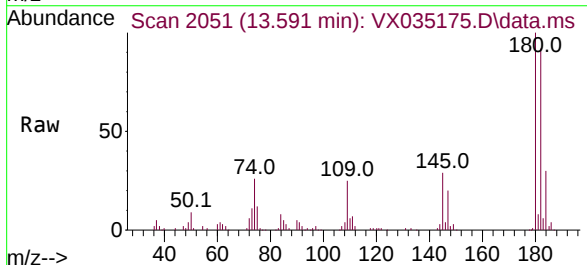
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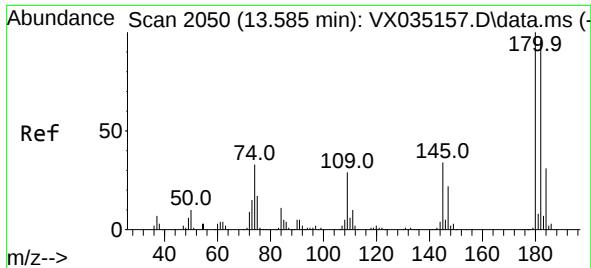
Tgt Ion:146 Resp: 612060
 Ion Ratio Lower Upper
 146 100
 111 42.0 34.7 52.1
 148 63.2 52.1 78.1



#69
 1,3,5-Trichlorobenzene
 Concen: 12.414 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.481 min
 Lab File: VX035175.D
 Acq: 19 Apr 2023 17:24

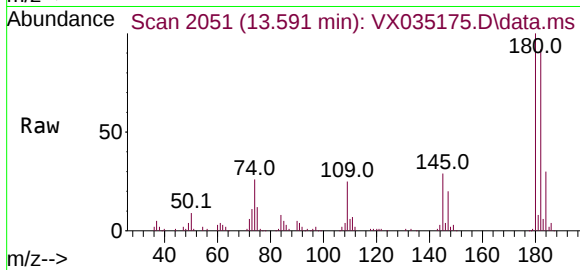
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 Ion Ratio Lower Upper
 180 100
 182 95.7 75.4 113.0
 184 30.1 23.8 35.8
 145 32.3 25.3 37.9



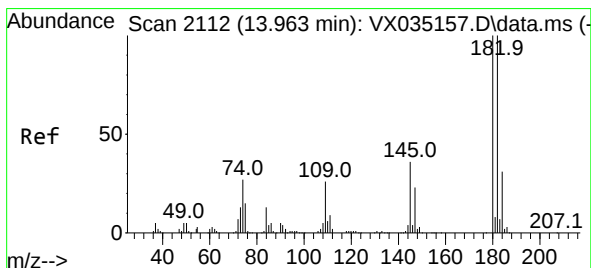
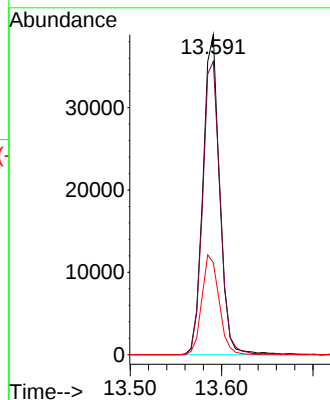
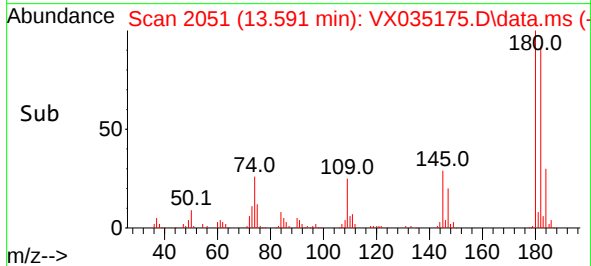


#70
1,2,4-trichlorobenzene
Concen: 13.258 ug/L
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

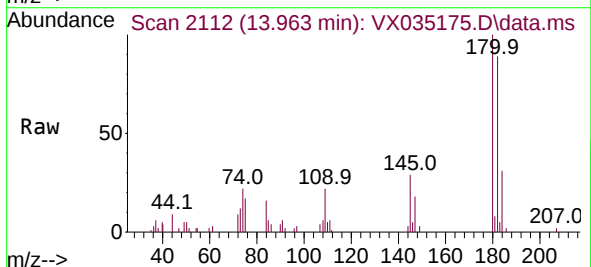
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 48916
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 32.3 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 1.443 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24



Tgt Ion:180 Resp: 5257
Ion Ratio Lower Upper
180 100
182 91.2 75.0 112.6
145 32.7 27.1 40.7

