

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035162.D
 Acq On : 19 Apr 2023 12:24
 Operator : JC/MD
 Sample : 02397-17DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:54:29 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)

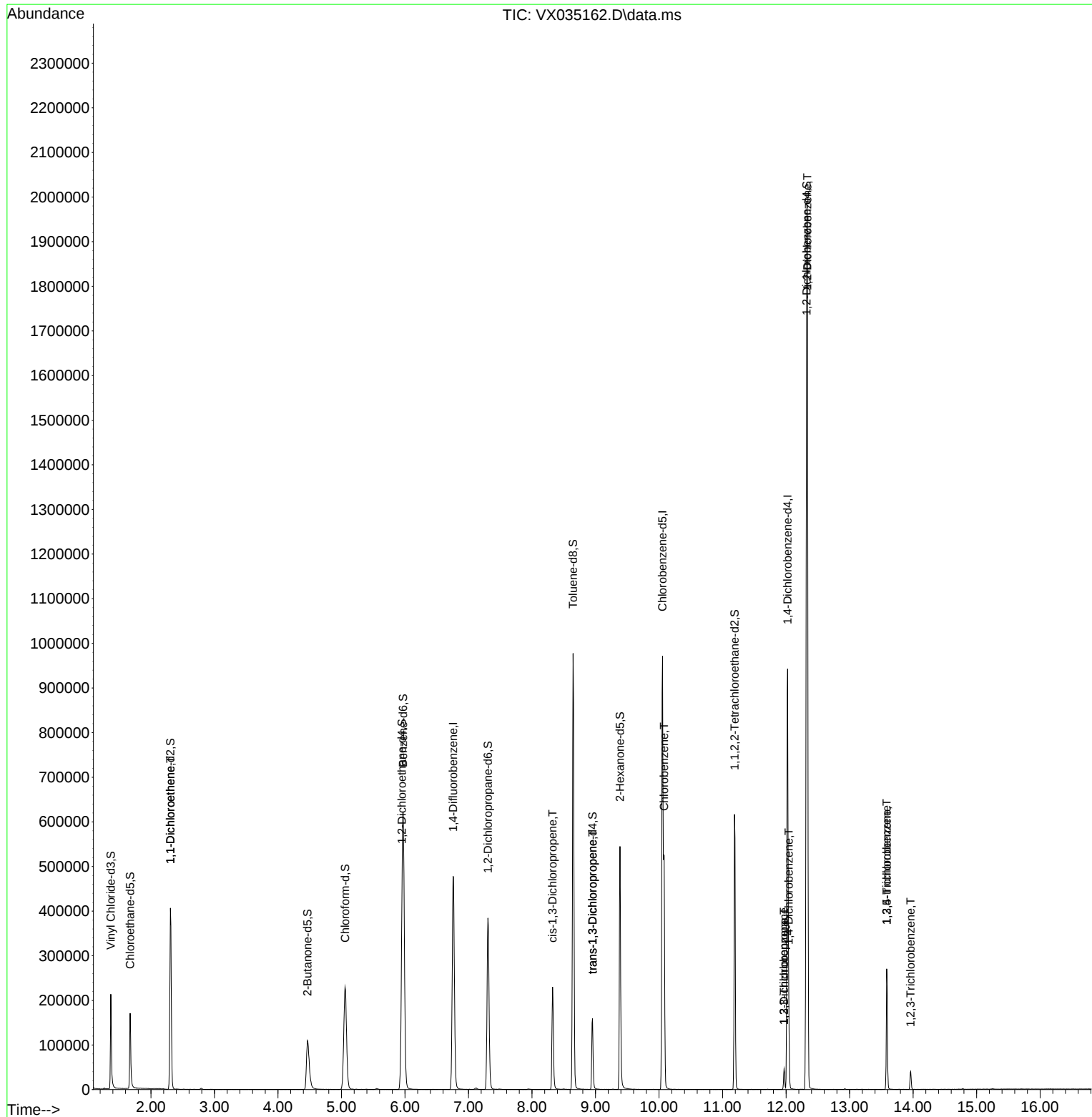
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	502221	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	433576	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	200317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	145323	44.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.760%		
7) Chloroethane-d5	1.672	69	118785	50.763	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.520%		
11) 1,1-Dichloroethene-d2	2.306	65	72648	46.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.780%		
21) 2-Butanone-d5	4.465	46	220210	102.043	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.040%		
24) Chloroform-d	5.056	84	296348	48.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.180%		
26) 1,2-Dichloroethane-d4	5.952	65	197904	50.535	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.060%		
32) Benzene-d6	5.970	84	644978	51.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.560%		
36) 1,2-Dichloropropane-d6	7.305	67	199696	52.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.980%		
41) Toluene-d8	8.647	98	577970	50.775	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.560%		
43) trans-1,3-Dichloroprop...	8.952	79	76866	46.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.460%		
47) 2-Hexanone-d5	9.384	63	155520	101.793	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.790%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	236896	50.843	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.680%		
66) 1,2-Dichlorobenzene-d4	12.323	152	204741	52.742	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.480%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1775	0.592	ug/L #	1
39) cis-1,3-Dichloropropene	8.324	75	5140	0.994	ug/L #	65
44) trans-1,3-Dichloropropene	8.952	75	3324	0.714	ug/L #	64
51) Chlorobenzene	10.079	112	226451	25.232	ug/L	98
61) 1,2,3-Trichloropropane	11.969	75	4777	1.292	ug/L #	50
64) 1,3-Dichlorobenzene	11.969	146	15297	2.462	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	59637	9.382	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	565841	89.831	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	61357	15.976	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	61357	17.062	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	10068	2.836	ug/L	98

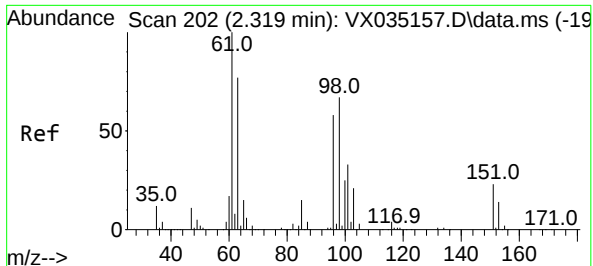
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.592 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

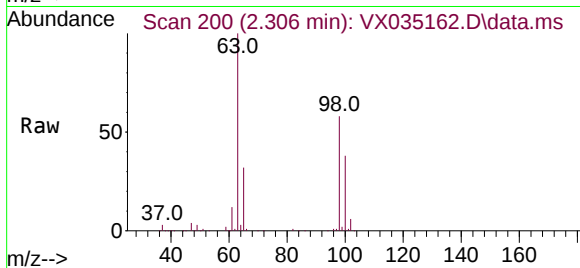
Lab File: VX035162.D

Acq: 19 Apr 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :



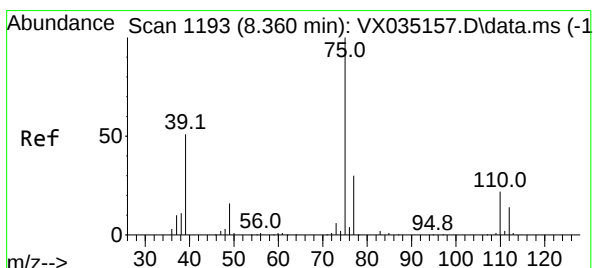
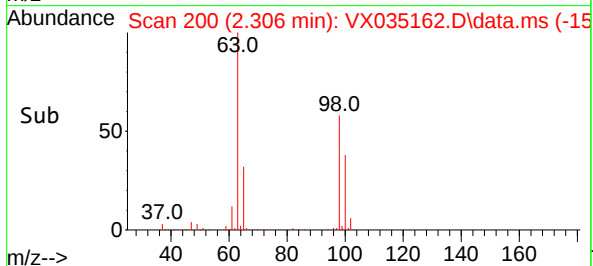
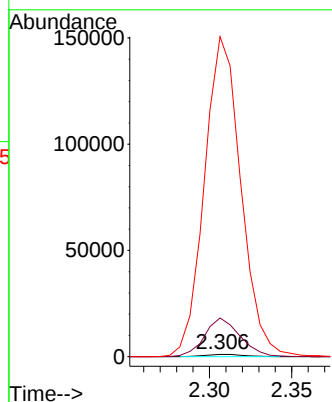
Tgt Ion: 96 Resp: 1775

Ion Ratio Lower Upper

96 100

61 1677.2 119.0 221.0#

63 13841.2 91.0 169.0#



#39

cis-1,3-Dichloropropene

Concen: 0.994 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX035162.D

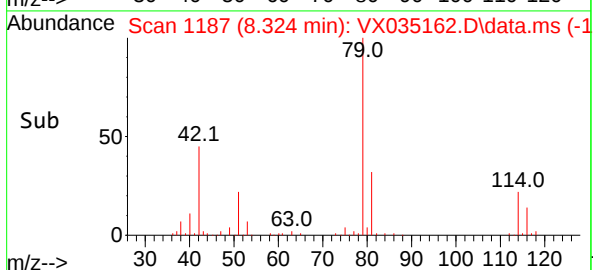
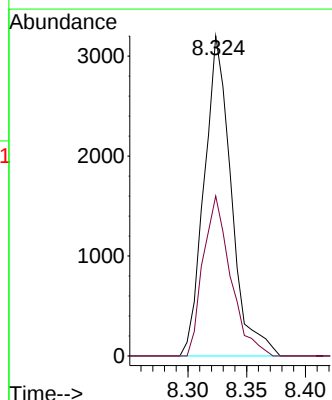
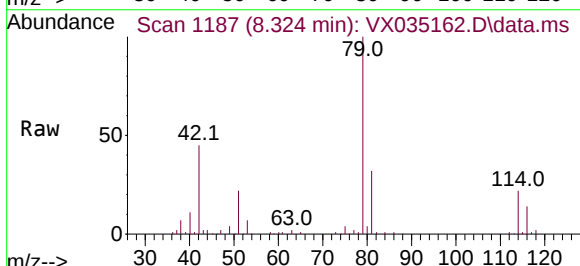
Acq: 19 Apr 2023 12:24

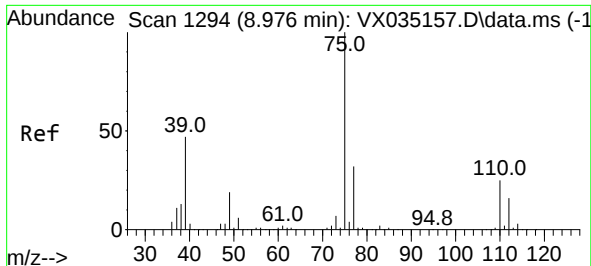
Tgt Ion: 75 Resp: 5140

Ion Ratio Lower Upper

75 100

77 50.0 21.4 39.8#

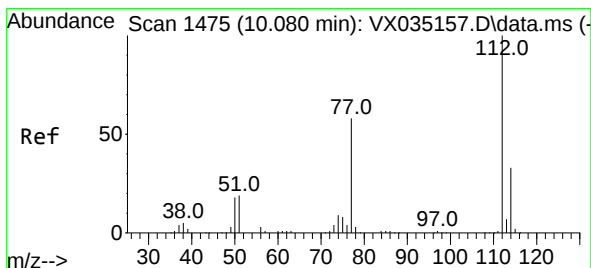
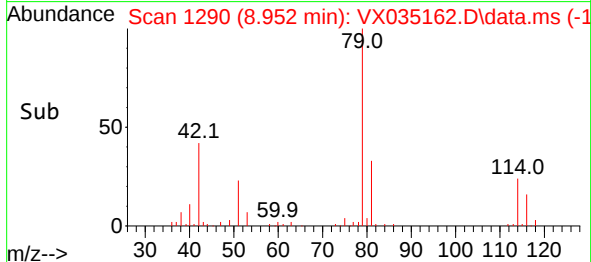
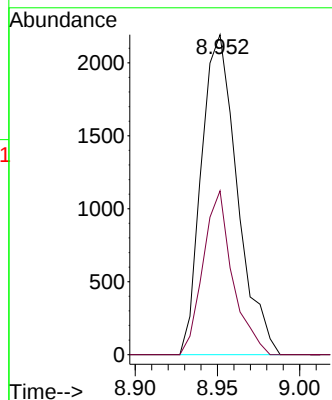
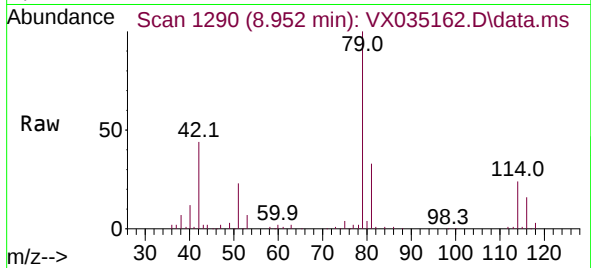




#44
trans-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX035162.D
Acq: 19 Apr 2023 12:24

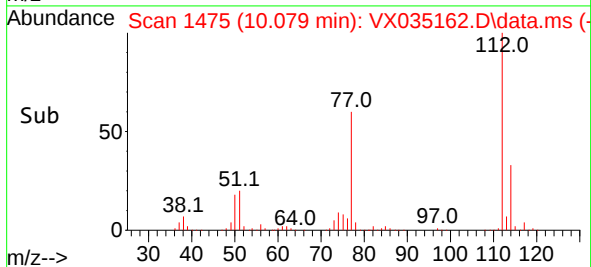
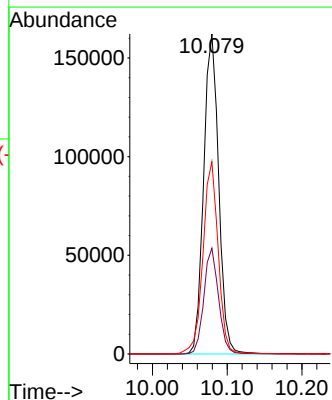
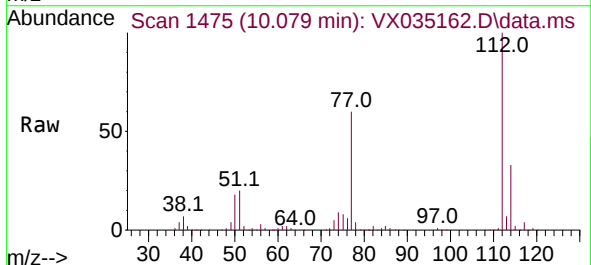
Instrument :
MSVOA_X
ClientSampleId :

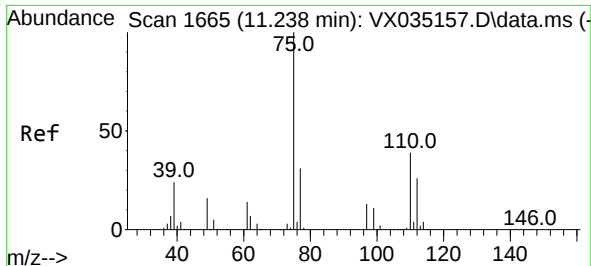
Tgt Ion: 75 Resp: 3324
Ion Ratio Lower Upper
75 100
77 51.2 22.0 40.8#



#51
Chlorobenzene
Concen: 25.232 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035162.D
Acq: 19 Apr 2023 12:24

Tgt Ion: 112 Resp: 226451
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 60.1 47.0 70.6

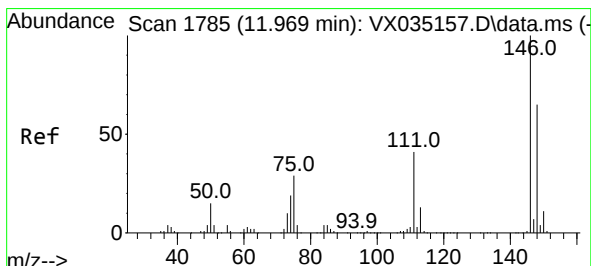
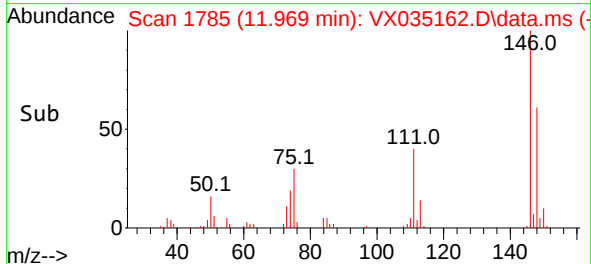
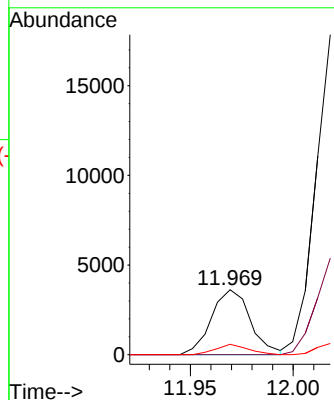
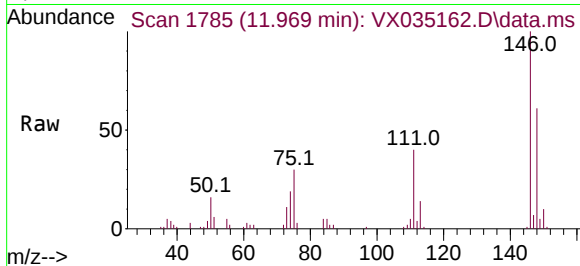




#61
 1,2,3-Trichloropropane
 Concen: 1.292 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.731 min
 Lab File: VX035162.D
 Acq: 19 Apr 2023 12:24

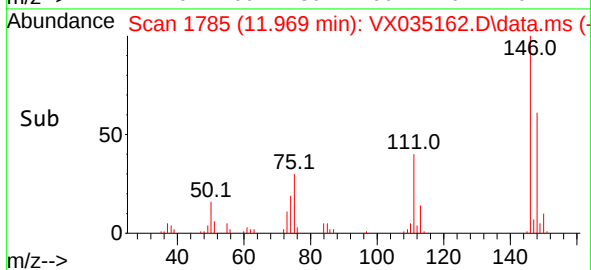
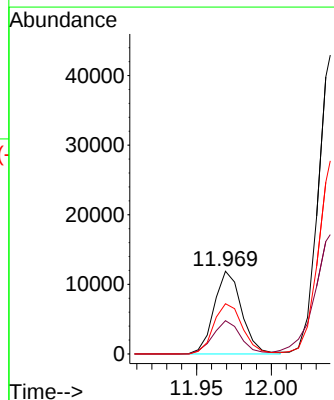
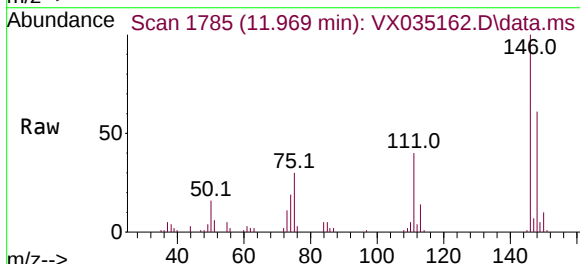
Instrument :
 MSVOA_X
 ClientSampleId :

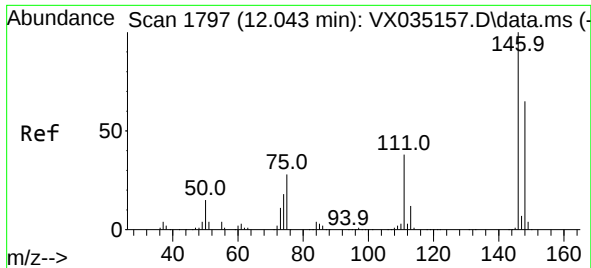
Tgt Ion: 75 Resp: 4777
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 13.3 32.5 48.7#



#64
 1,3-Dichlorobenzene
 Concen: 2.462 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX035162.D
 Acq: 19 Apr 2023 12:24

Tgt Ion:146 Resp: 15297
 Ion Ratio Lower Upper
 146 100
 111 40.3 28.9 53.7
 148 60.7 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 9.382 ug/L

RT: 12.042 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035162.D

Acq: 19 Apr 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

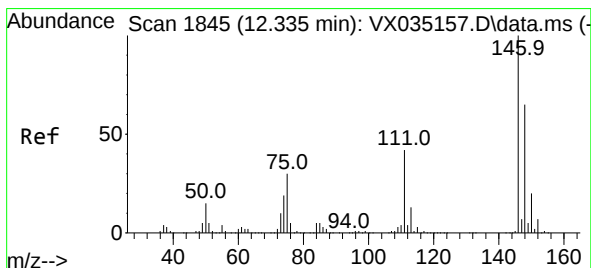
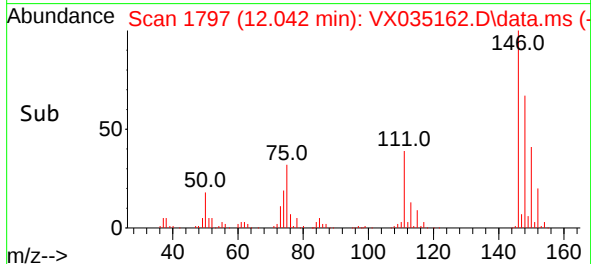
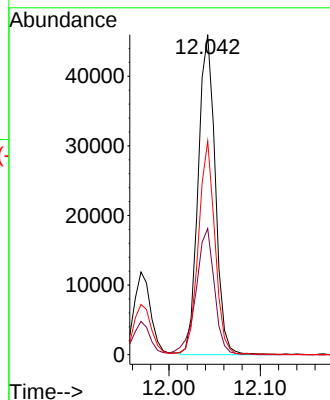
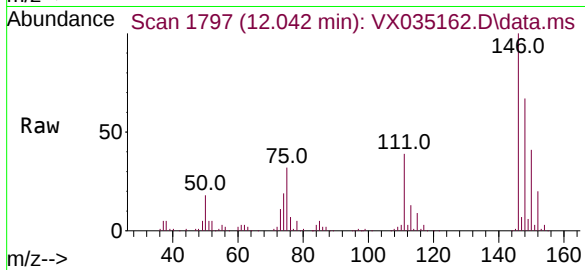
Tgt Ion:146 Resp: 59637

Ion Ratio Lower Upper

146 100

111 39.4 27.9 51.7

148 66.8 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 89.831 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035162.D

Acq: 19 Apr 2023 12:24

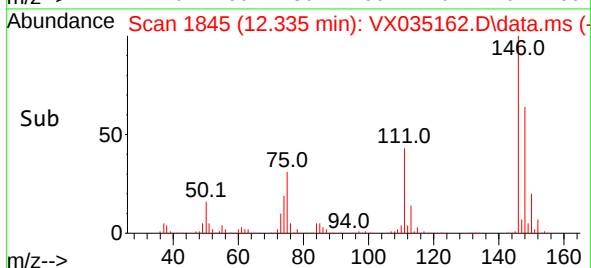
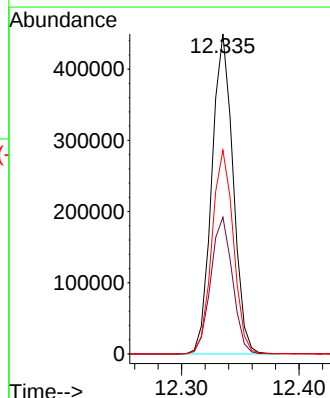
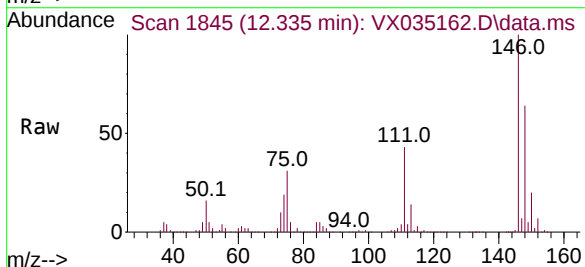
Tgt Ion:146 Resp: 565841

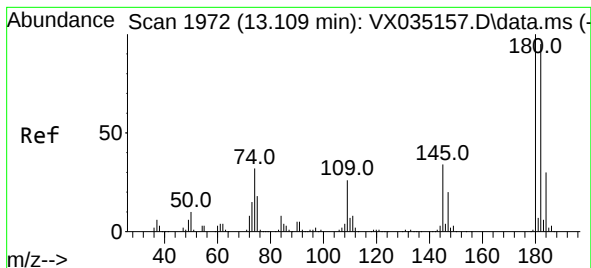
Ion Ratio Lower Upper

146 100

111 42.7 34.7 52.1

148 63.7 52.1 78.1





#69

1,3,5-Trichlorobenzene

Concen: 15.976 ug/L

RT: 13.585 min Scan# 20

Delta R.T. 0.475 min

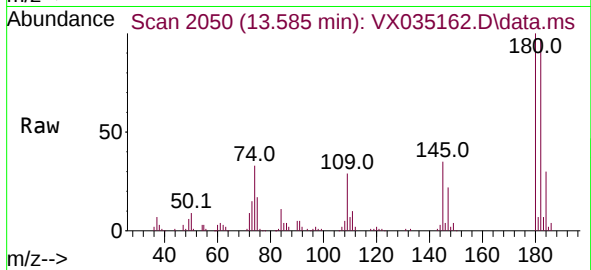
Lab File: VX035162.D

Acq: 19 Apr 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 61357

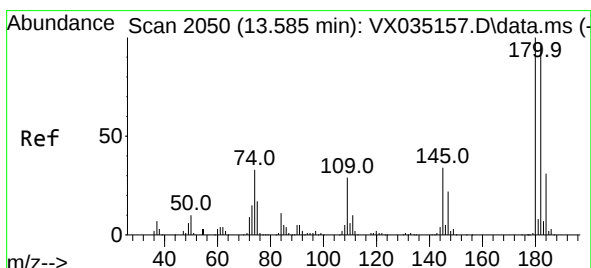
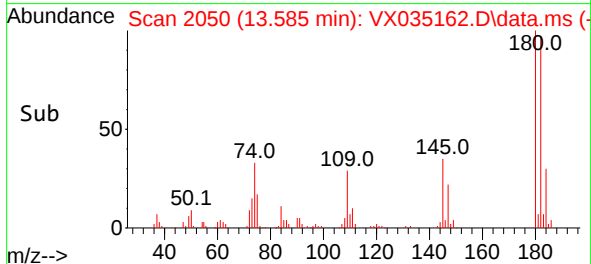
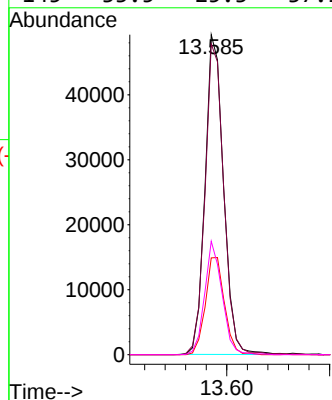
Ion Ratio Lower Upper

180 100

182 98.2 75.4 113.0

184 31.3 23.8 35.8

145 33.5 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 17.062 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035162.D

Acq: 19 Apr 2023 12:24

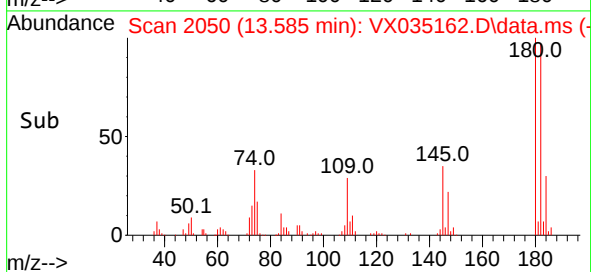
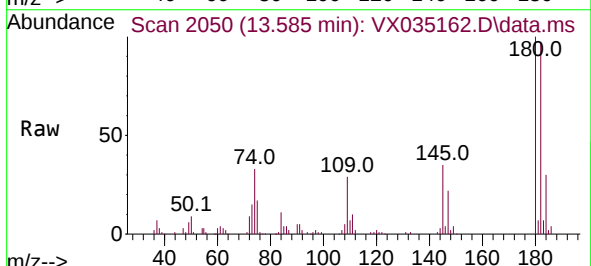
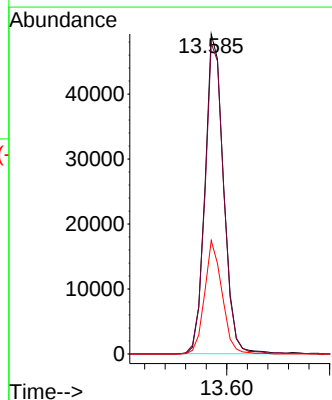
Tgt Ion:180 Resp: 61357

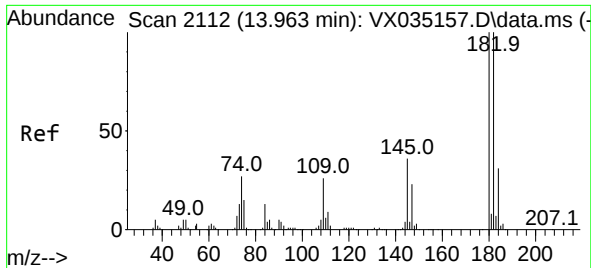
Ion Ratio Lower Upper

180 100

182 98.2 76.6 114.8

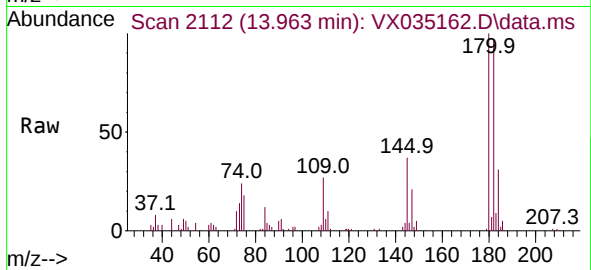
145 33.5 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 2.836 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035162.D
 Acq: 19 Apr 2023 12:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	10068
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.0	112.6
145	34.9	27.1	40.7

