

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035222.D
 Acq On : 20 Apr 2023 17:45
 Operator : JC/MD
 Sample : 02378-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

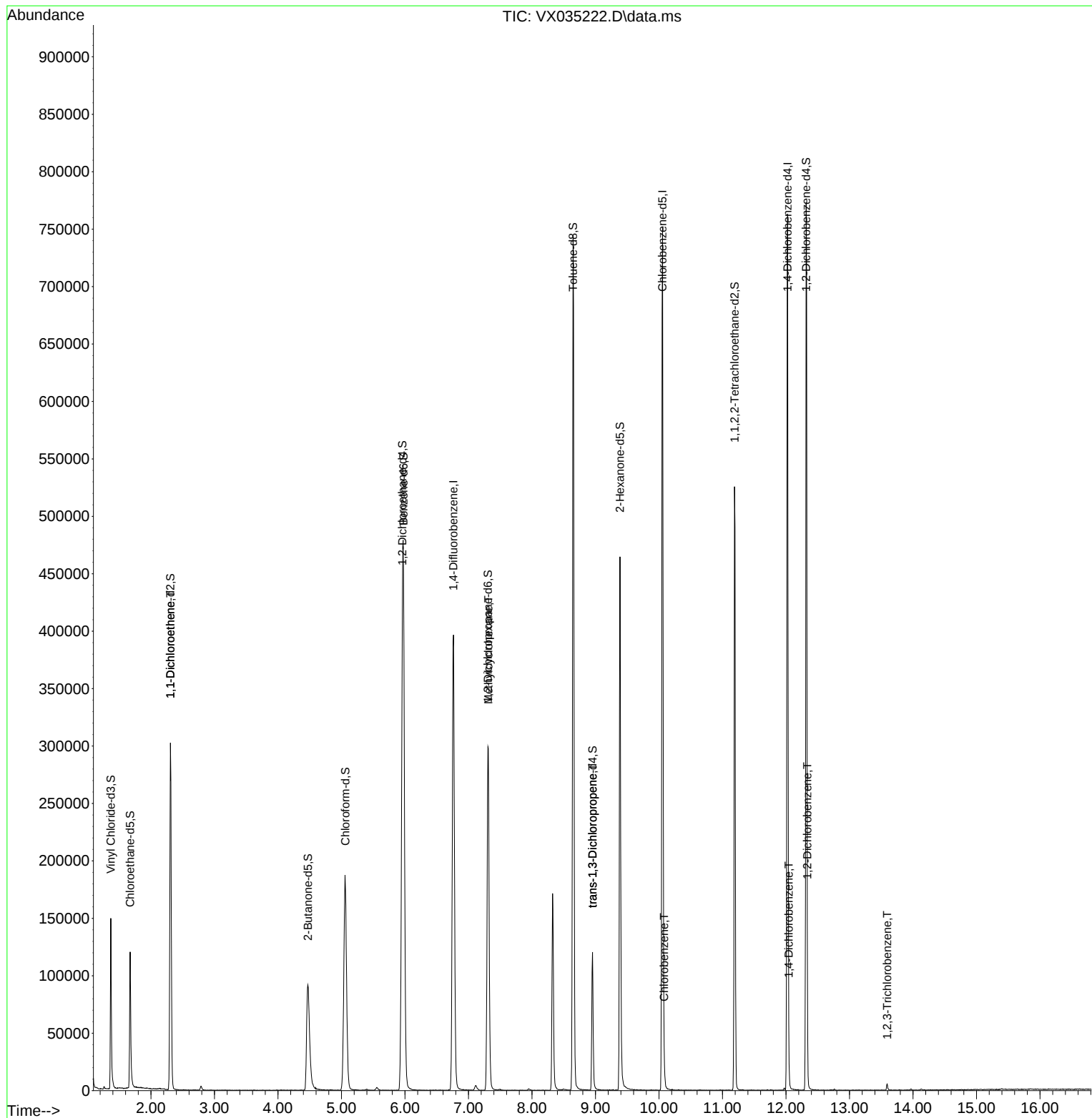
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	412241	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	353242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	164757	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	101001	37.997	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.000%	
7) Chloroethane-d5	1.673	69	83469	43.457	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	86.920%	
11) 1,1-Dichloroethene-d2	2.307	65	53524	42.083	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.160%	
21) 2-Butanone-d5	4.471	46	192775	108.828	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.830%	
24) Chloroform-d	5.062	84	230921	46.131	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.260%	
26) 1,2-Dichloroethane-d4	5.958	65	159477	49.611	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.220%	
32) Benzene-d6	5.977	84	495625	48.843	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.680%	
36) 1,2-Dichloropropane-d6	7.306	67	157451	50.797	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.600%	
41) Toluene-d8	8.647	98	434840	46.889	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.780%	
43) trans-1,3-Dichloroprop...	8.952	79	57663	42.569	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.140%	
47) 2-Hexanone-d5	9.385	63	132370	106.344	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	106.340%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	201415	53.059	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	106.120%	
66) 1,2-Dichlorobenzene-d4	12.317	152	162902	51.022	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.040%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	1366	0.555	ug/L #	1
35) Methylcyclohexane	7.312	83	38856	10.139	ug/L #	18
44) trans-1,3-Dichloropropene	8.952	75	2796	0.737	ug/L	88
51) Chlorobenzene	10.080	112	7106	0.972	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	5308	1.015	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	4222	0.815	ug/L	96
72) 1,2,3-Trichlorobenzene	13.591	180	1627	0.557	ug/L	86

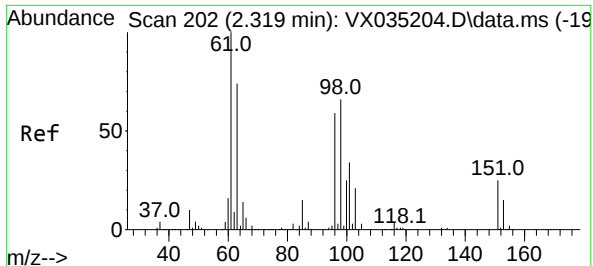
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.555 ug/L

RT: 2.307 min Scan# 202

Delta R.T. -0.012 min

Lab File: VX035222.D

Acq: 20 Apr 2023 17:45

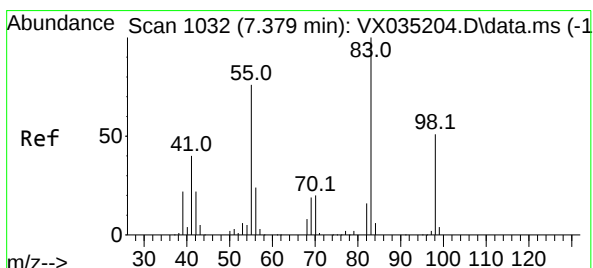
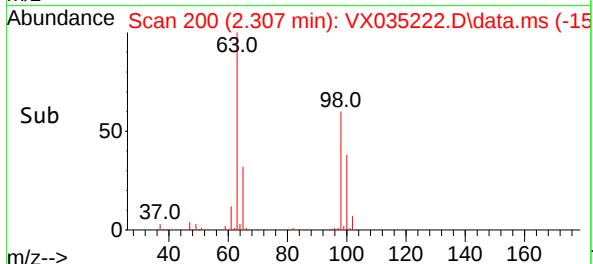
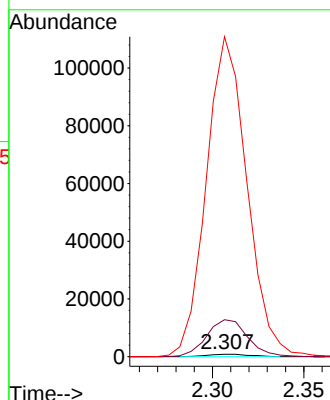
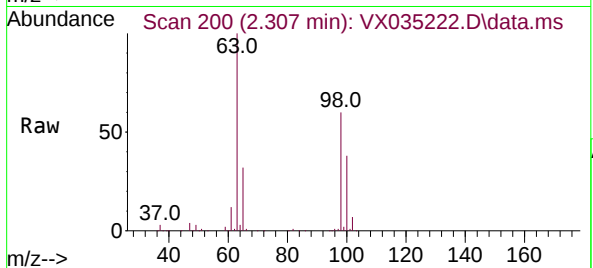
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 1366

Ion	Ratio	Lower	Upper
96	100		
61	1516.3	119.0	221.0#
63	13106.4	91.0	169.0#



#35

Methylcyclohexane

Concen: 10.139 ug/L

RT: 7.312 min Scan# 1021

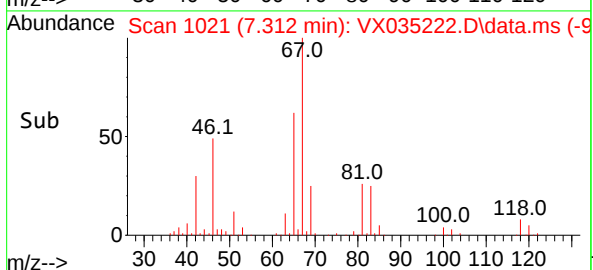
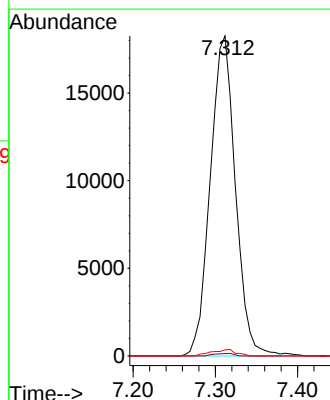
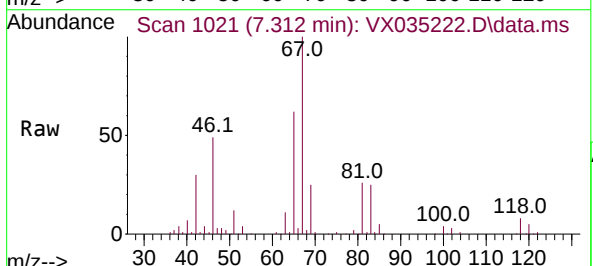
Delta R.T. -0.067 min

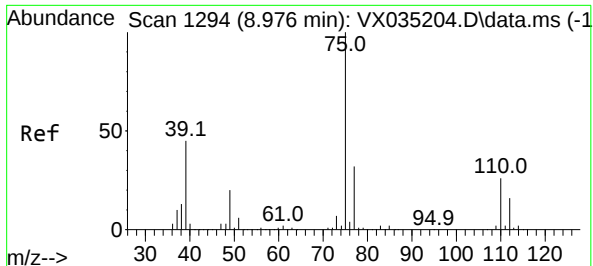
Lab File: VX035222.D

Acq: 20 Apr 2023 17:45

Tgt Ion: 83 Resp: 38856

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.2	93.2#
98	1.0	39.3	58.9#

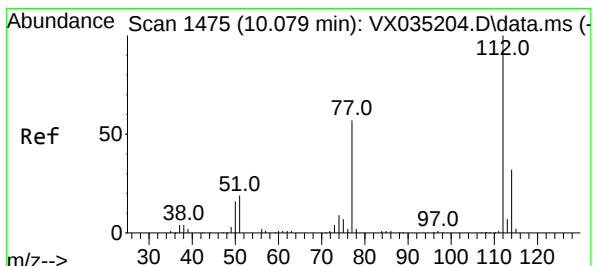
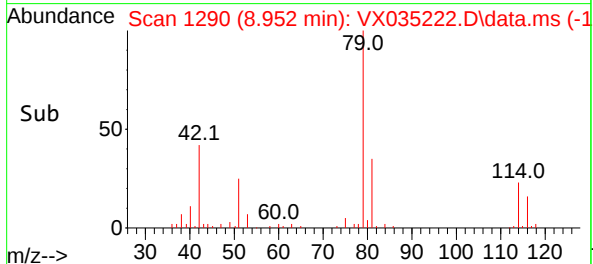
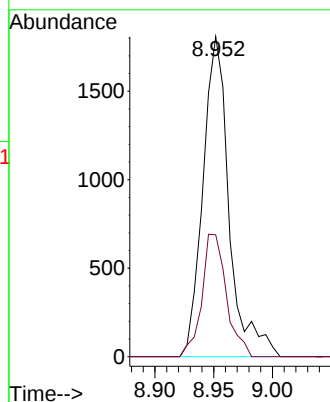
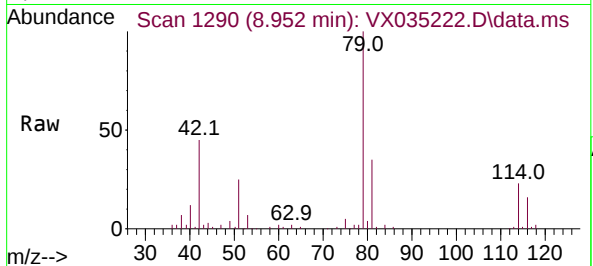




#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX035222.D
Acq: 20 Apr 2023 17:45

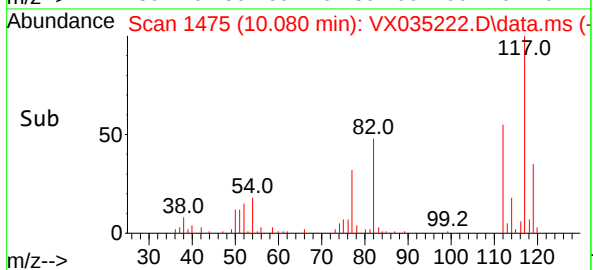
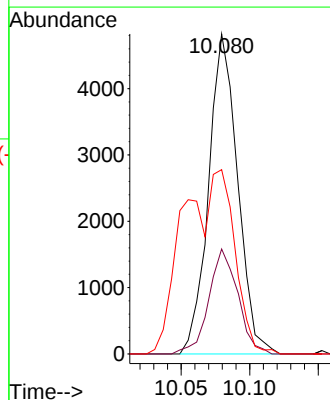
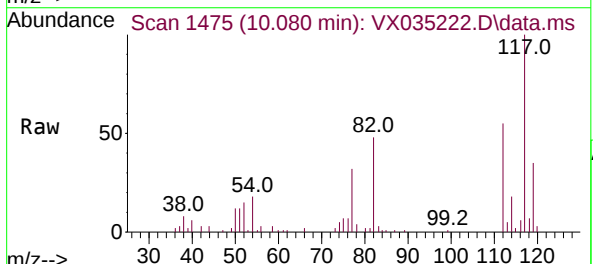
Instrument :
MSVOA_X
ClientSampleId :

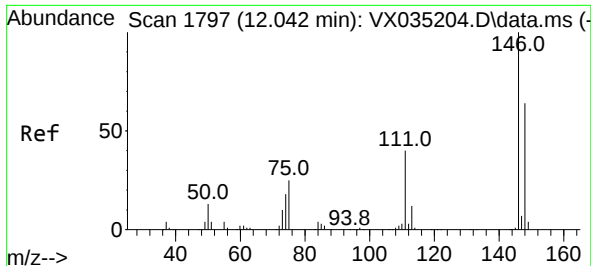
Tgt Ion: 75 Resp: 2796
Ion Ratio Lower Upper
75 100
77 38.1 22.0 40.8



#51
Chlorobenzene
Concen: 0.972 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035222.D
Acq: 20 Apr 2023 17:45

Tgt Ion: 112 Resp: 7106
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 57.6 47.0 70.6





#65

1,4-Dichlorobenzene

Concen: 1.015 ug/L

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035222.D

Acq: 20 Apr 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

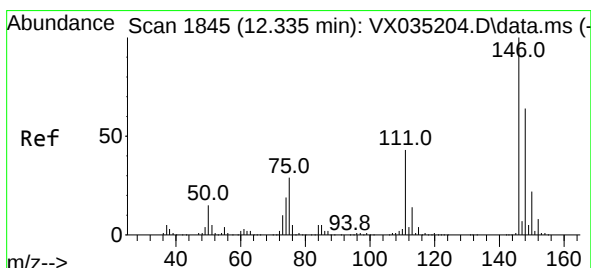
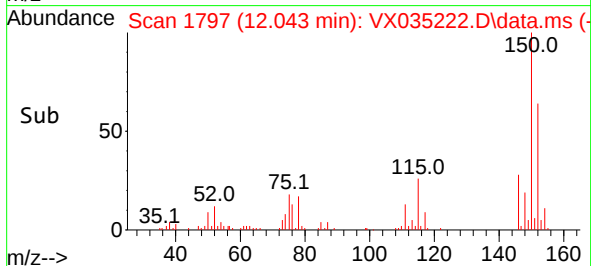
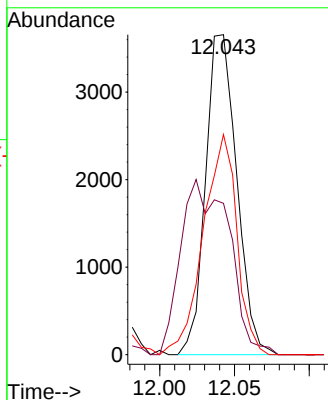
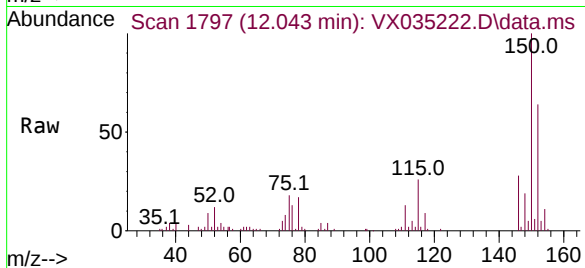
Tgt Ion:146 Resp: 5308

Ion Ratio Lower Upper

146 100

111 47.3 27.9 51.7

148 68.8 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 0.815 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035222.D

Acq: 20 Apr 2023 17:45

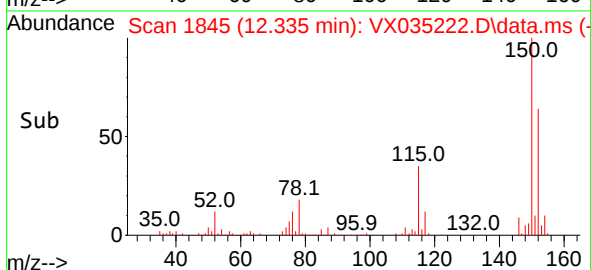
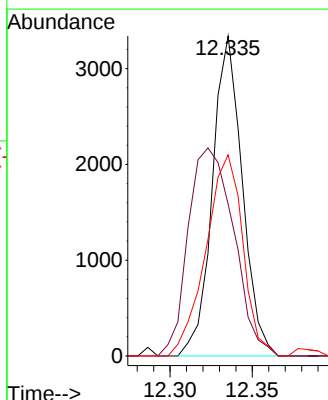
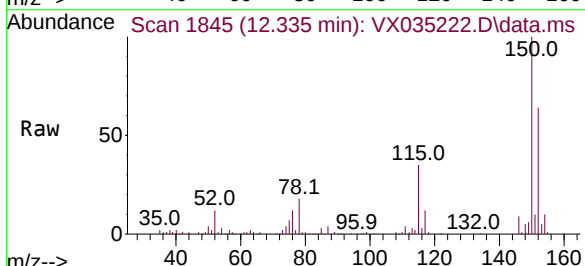
Tgt Ion:146 Resp: 4222

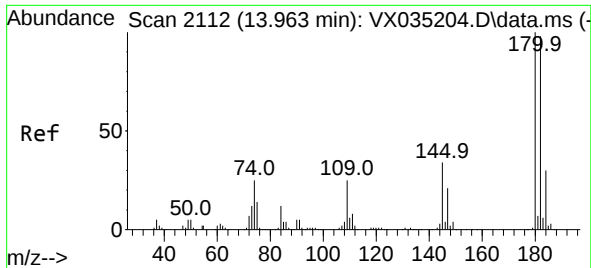
Ion Ratio Lower Upper

146 100

111 47.5 34.7 52.1

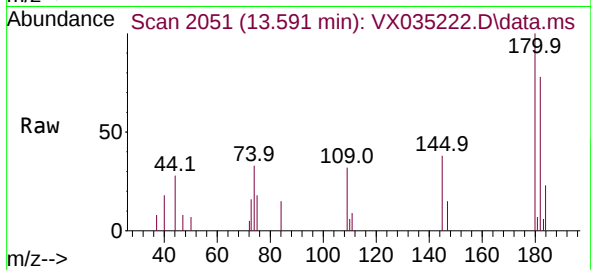
148 62.9 52.1 78.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.557 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.372 min
 Lab File: VX035222.D
 Acq: 20 Apr 2023 17:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1627
Ion	Ratio	Lower	Upper
180	100		
182	77.9	75.0	112.6
145	38.5	27.1	40.7

