

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035210.D
 Acq On : 20 Apr 2023 12:44
 Operator : JC/MD
 Sample : 02378-16RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:29:05 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)

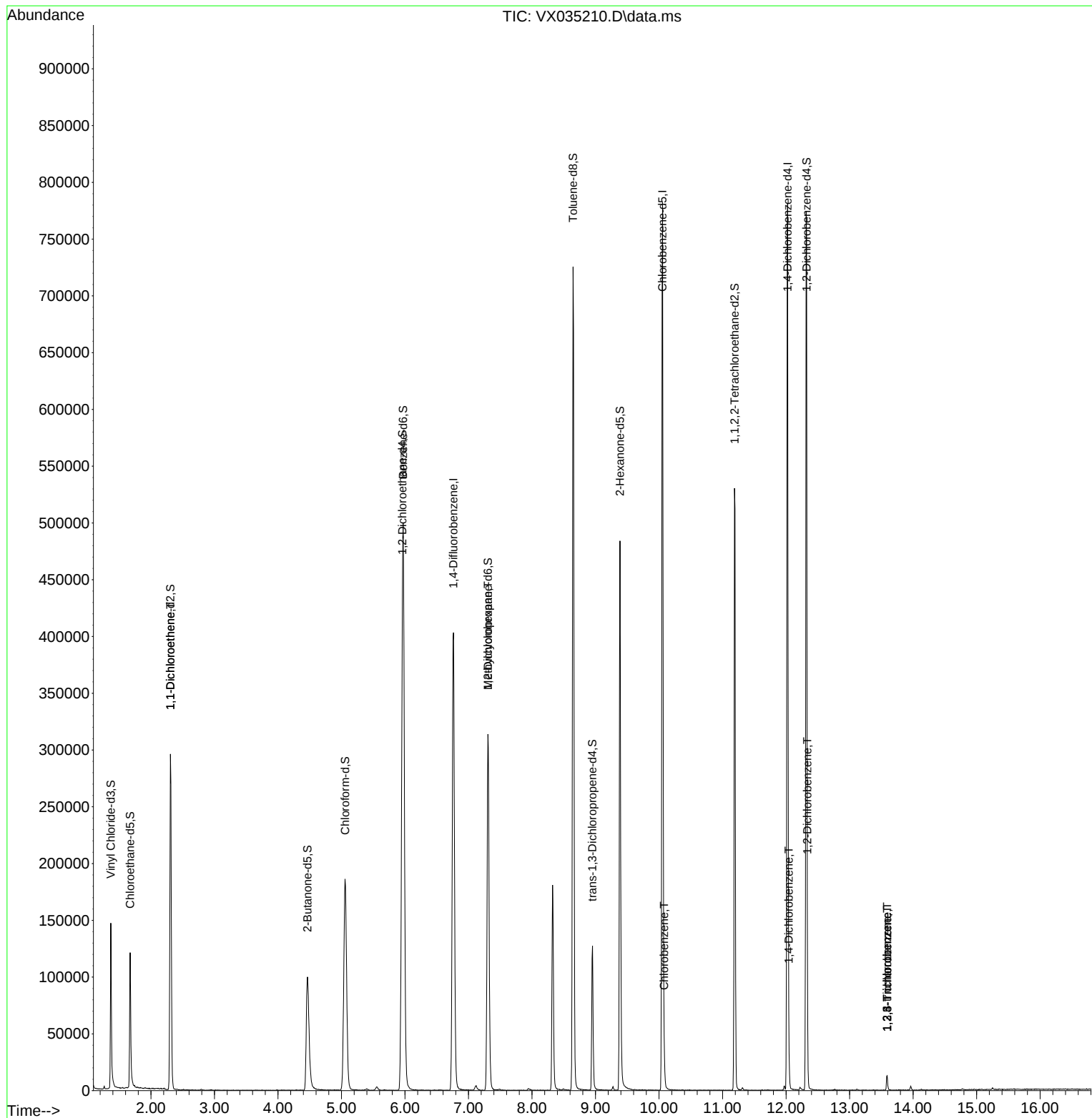
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	425059	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	367629	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	171977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99775	36.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.800%
7) Chloroethane-d5	1.672	69	82242	41.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.060%
11) 1,1-Dichloroethene-d2	2.306	65	53323	40.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.320%
21) 2-Butanone-d5	4.465	46	195759	107.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.180%
24) Chloroform-d	5.056	84	242195	46.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	5.958	65	164526	49.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.280%
32) Benzene-d6	5.970	84	501939	47.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
36) 1,2-Dichloropropane-d6	7.306	67	161324	50.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.020%
41) Toluene-d8	8.647	98	434133	44.980	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.960%
43) trans-1,3-Dichloroprop...	8.952	79	60399	42.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.680%
47) 2-Hexanone-d5	9.384	63	138618	107.006	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	210033	53.164	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	167066	50.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.260%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1337	0.526	ug/L #	1
35) Methylcyclohexane	7.306	83	39514	9.907	ug/L #	19
51) Chlorobenzene	10.079	112	11363	1.493	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	10104	1.851	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	8550	1.581	ug/L	92
69) 1,3,5-Trichlorobenzene	13.591	180	3578	1.085	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	3578	1.159	ug/L	96
72) 1,2,3-Trichlorobenzene	13.591	180	3155	1.035	ug/L	92

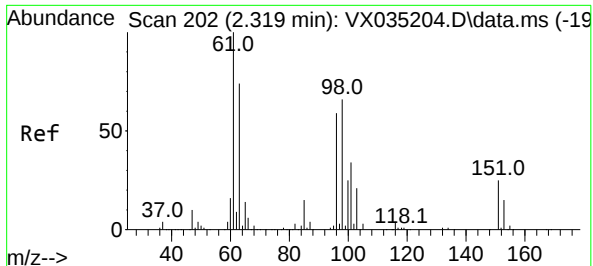
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 0.526 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX035210.D

Acq: 20 Apr 2023 12:44

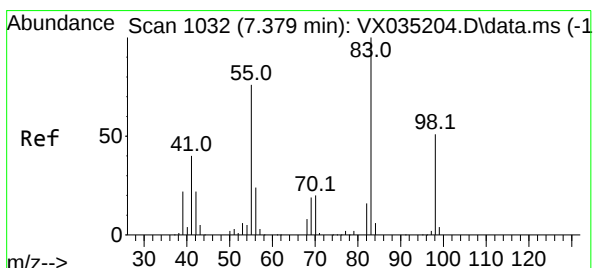
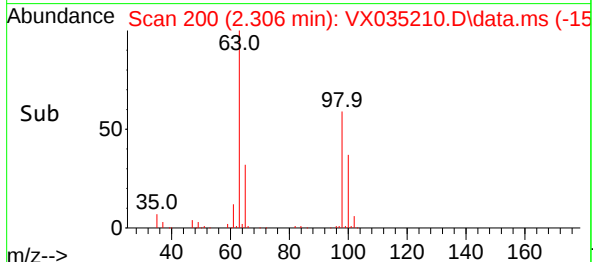
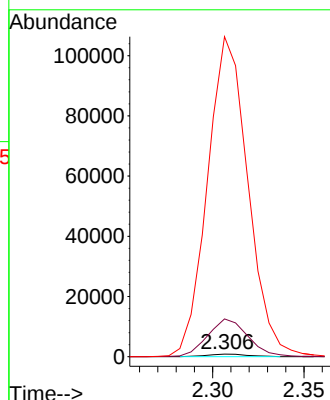
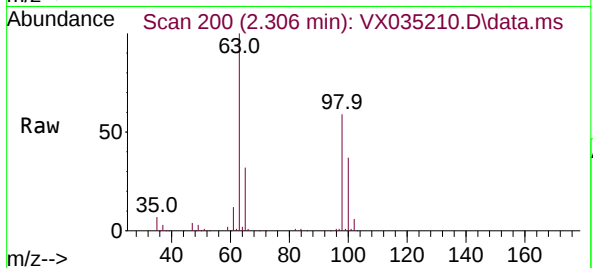
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 1337

Ion	Ratio	Lower	Upper
96	100		
61	1441.3	119.0	221.0#
63	12220.7	91.0	169.0#



#35

Methylcyclohexane

Concen: 9.907 ug/L

RT: 7.306 min Scan# 1020

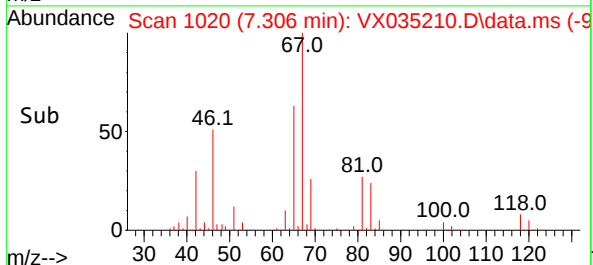
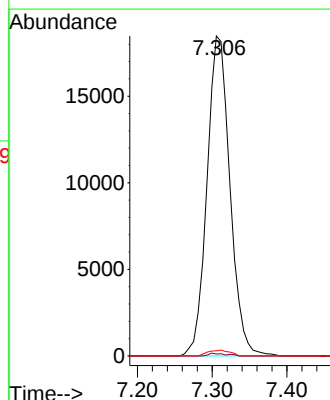
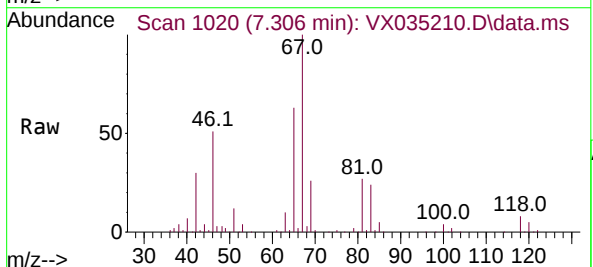
Delta R.T. -0.073 min

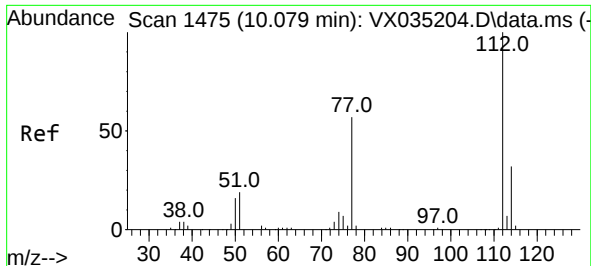
Lab File: VX035210.D

Acq: 20 Apr 2023 12:44

Tgt Ion: 83 Resp: 39514

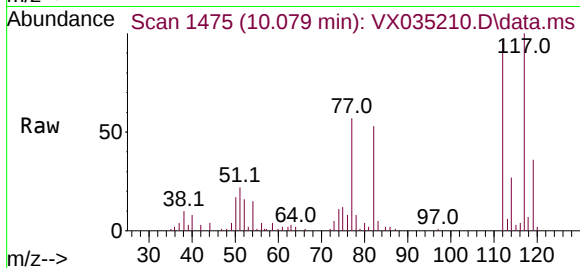
Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.2	93.2#
98	1.7	39.3	58.9#



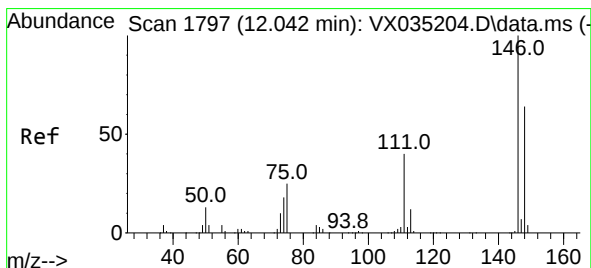
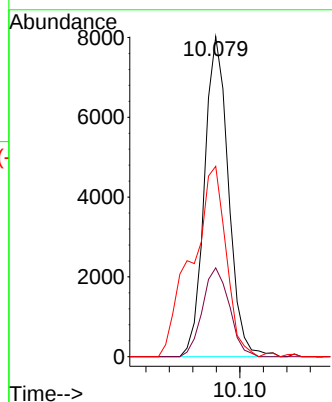
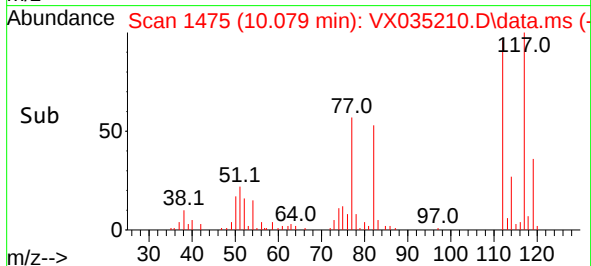


#51
Chlorobenzene
Concen: 1.493 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035210.D
Acq: 20 Apr 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :

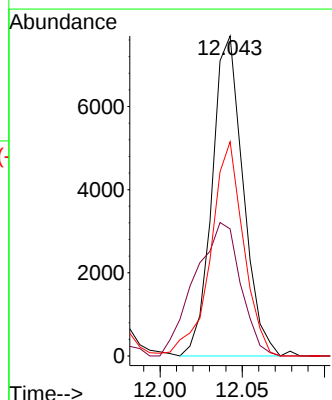
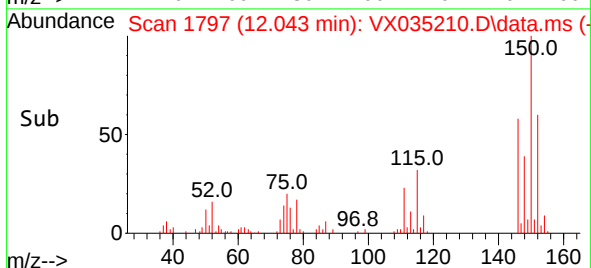
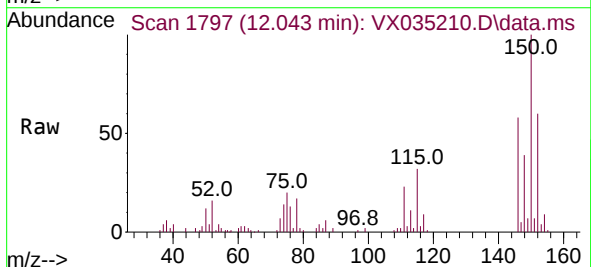


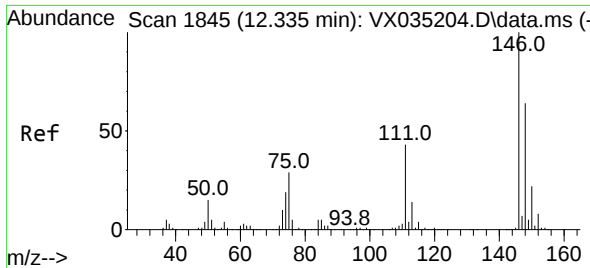
Tgt Ion:112 Resp: 11363
Ion Ratio Lower Upper
112 100
114 27.7 22.4 41.6
77 59.5 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 1.851 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035210.D
Acq: 20 Apr 2023 12:44

Tgt Ion:146 Resp: 10104
Ion Ratio Lower Upper
146 100
111 39.7 27.9 51.7
148 66.9 45.9 85.3

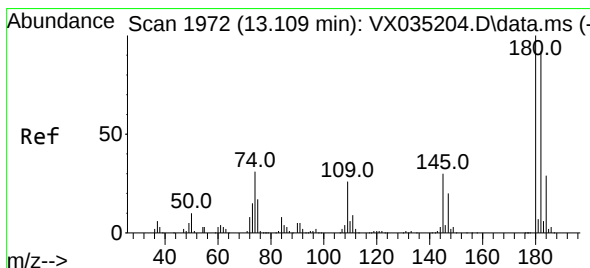
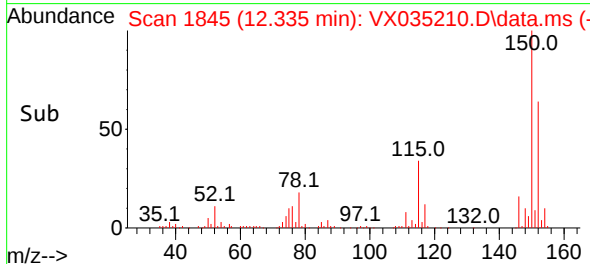
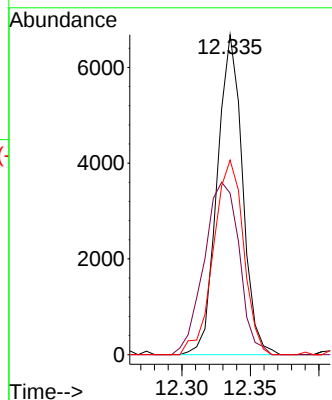
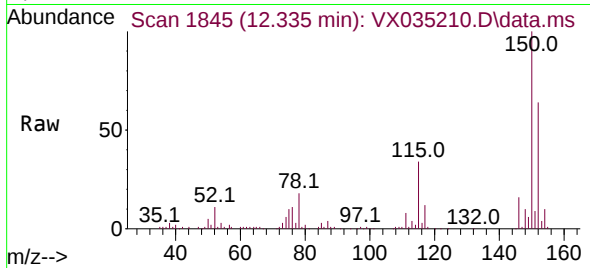




#67
 1,2-Dichlorobenzene
 Concen: 1.581 ug/L
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035210.D
 Acq: 20 Apr 2023 12:44

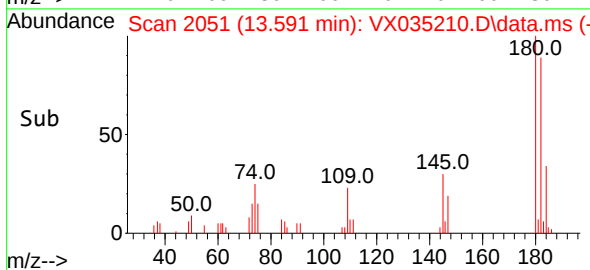
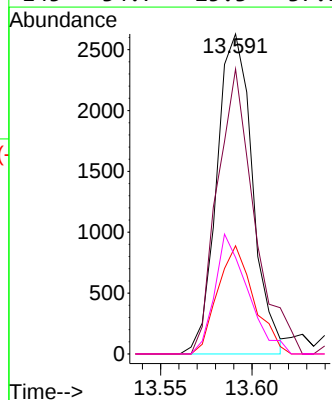
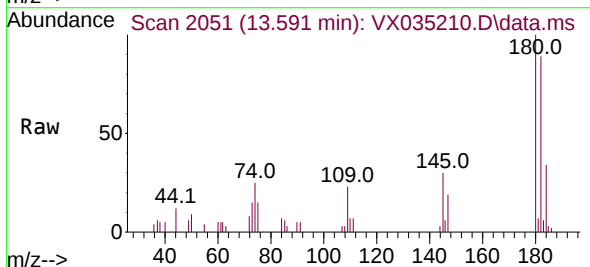
Instrument :
 MSVOA_X
 ClientSampleId :

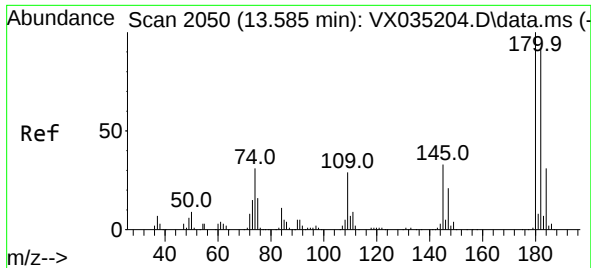
Tgt Ion:146 Resp: 8550
 Ion Ratio Lower Upper
 146 100
 111 50.4 34.7 52.1
 148 60.8 52.1 78.1



#69
 1,3,5-Trichlorobenzene
 Concen: 1.085 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX035210.D
 Acq: 20 Apr 2023 12:44

Tgt Ion:180 Resp: 3578
 Ion Ratio Lower Upper
 180 100
 182 92.1 75.4 113.0
 184 34.4 23.8 35.8
 145 34.7 25.3 37.9

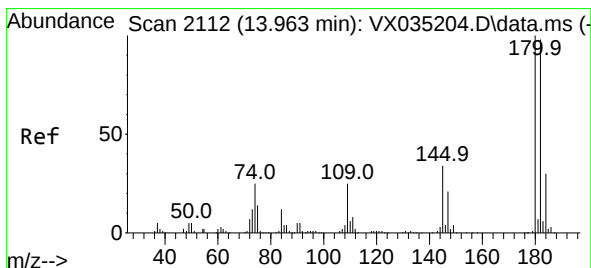
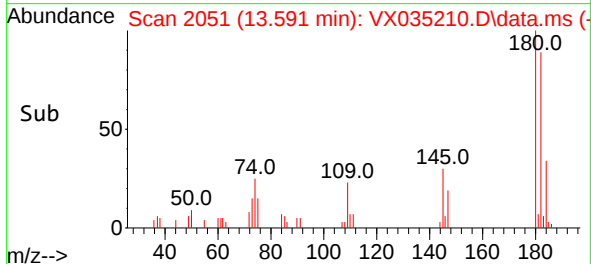
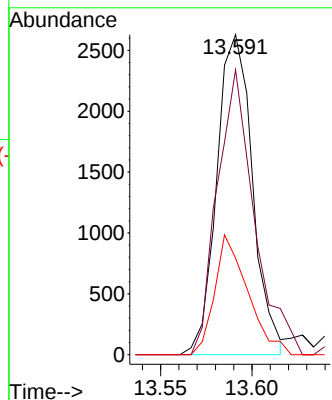
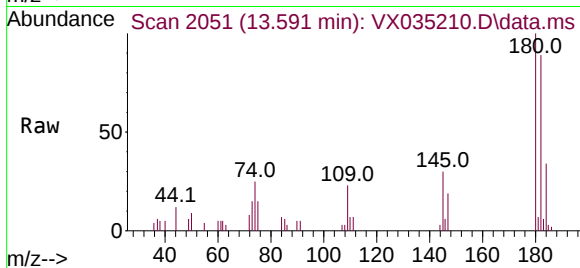




#70
1,2,4-trichlorobenzene
Concen: 1.159 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035210.D
Acq: 20 Apr 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 3578
Ion Ratio Lower Upper
180 100
182 92.1 76.6 114.8
145 34.7 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 1.035 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.372 min
Lab File: VX035210.D
Acq: 20 Apr 2023 12:44

Tgt Ion:180 Resp: 3155
Ion Ratio Lower Upper
180 100
182 101.9 75.0 112.6
145 38.1 27.1 40.7

