

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035208.D
 Acq On : 20 Apr 2023 11:58
 Operator : JC/MD
 Sample : 02333-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:28:40 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)

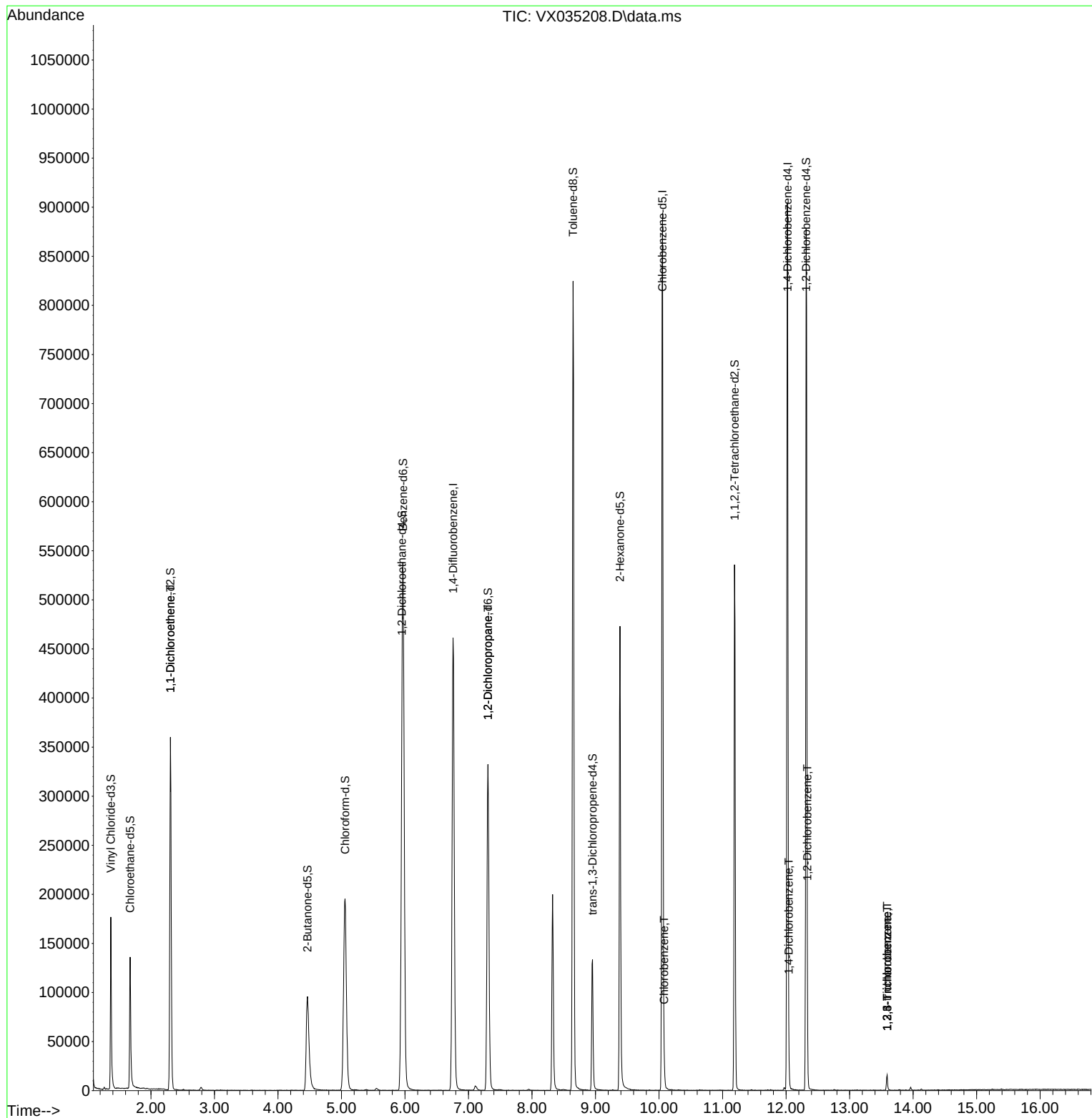
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	479217	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	418596	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	196551	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	121427	39.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.600%
7) Chloroethane-d5	1.672	69	93046	41.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.340%
11) 1,1-Dichloroethene-d2	2.306	65	62376	42.189	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.380%
21) 2-Butanone-d5	4.465	46	187912	91.257	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.260%
24) Chloroform-d	5.056	84	256628	44.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.952	65	170384	45.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.200%
32) Benzene-d6	5.970	84	552004	45.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
36) 1,2-Dichloropropane-d6	7.306	67	170986	46.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.100%
41) Toluene-d8	8.647	98	492362	44.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.952	79	66175	41.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.460%
47) 2-Hexanone-d5	9.384	63	135668	91.977	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	208736	46.403	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.317	152	181398	47.624	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.240%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1694	0.592	ug/L #	1
37) 1,2-Dichloropropane	7.306	63	18895	5.661	ug/L #	86
51) Chlorobenzene	10.079	112	9737	1.124	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	9264	1.485	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	9133	1.478	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	4009	1.064	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	4009	1.136	ug/L	97
72) 1,2,3-Trichlorobenzene	13.591	180	3899	1.119	ug/L	98

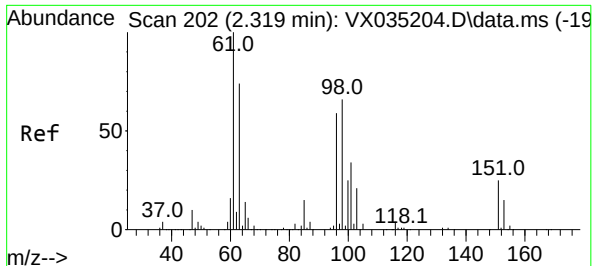
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.592 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX035208.D

Acq: 20 Apr 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

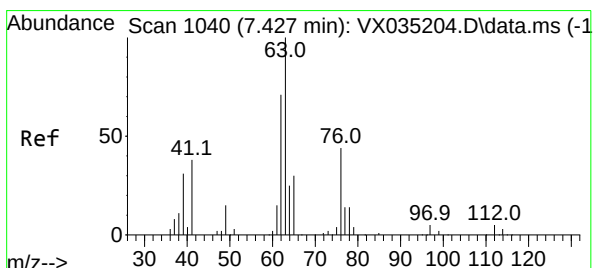
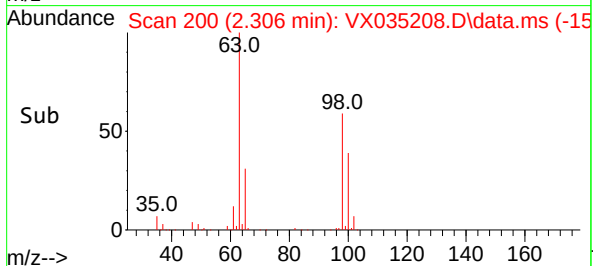
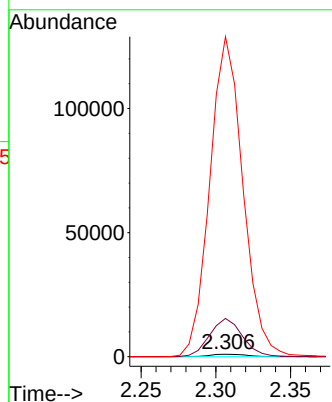
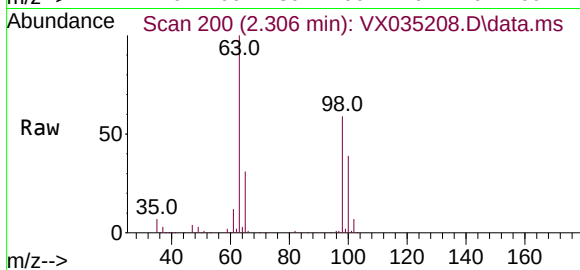
Tgt Ion: 96 Resp: 1694

Ion Ratio Lower Upper

96 100

61 1564.4 119.0 221.0#

63 13080.7 91.0 169.0#



#37

1,2-Dichloropropane

Concen: 5.661 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX035208.D

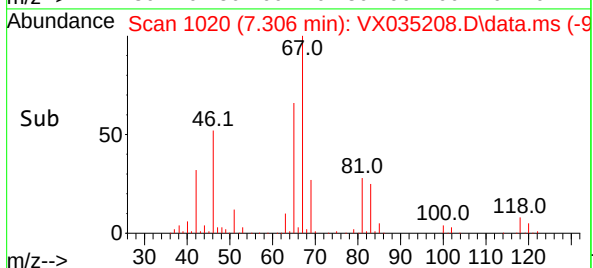
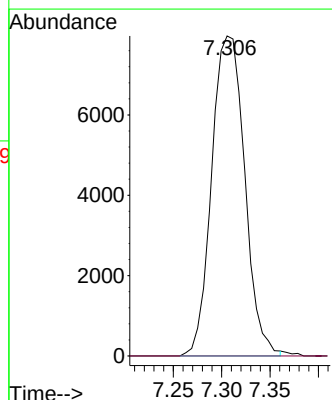
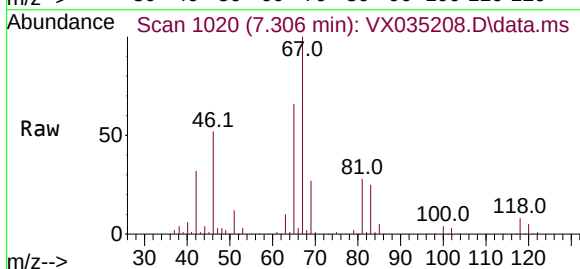
Acq: 20 Apr 2023 11:58

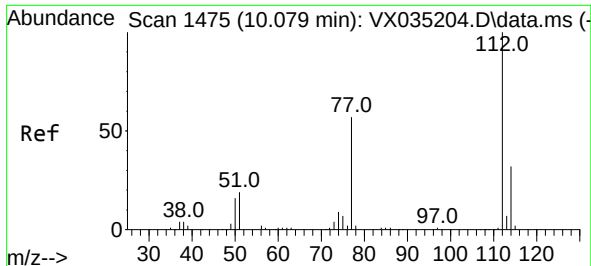
Tgt Ion: 63 Resp: 18895

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#

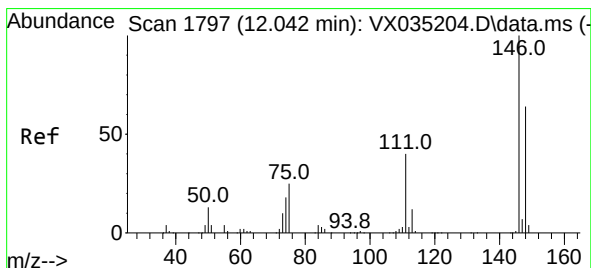
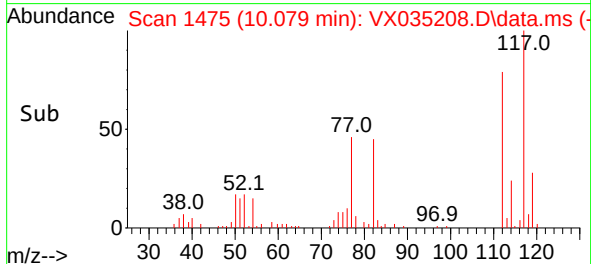
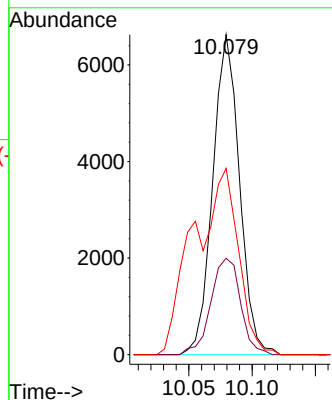
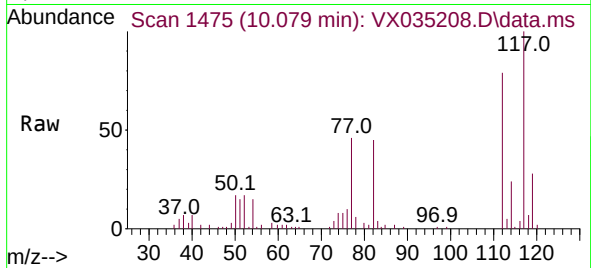




#51
Chlorobenzene
Concen: 1.124 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035208.D
Acq: 20 Apr 2023 11:58

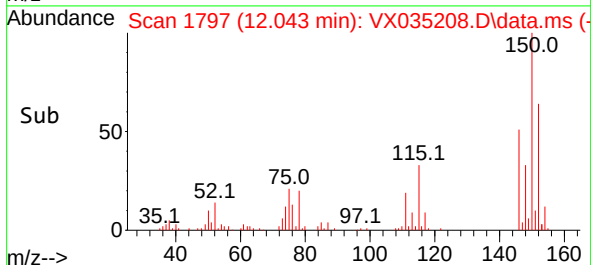
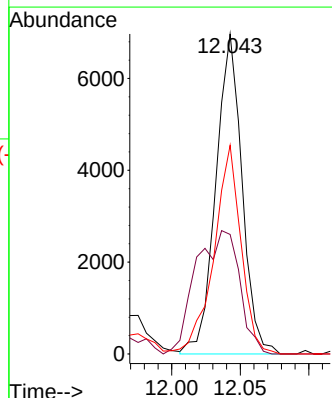
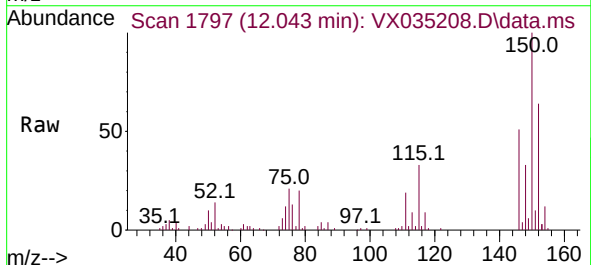
Instrument :
MSVOA_X
ClientSampleId :

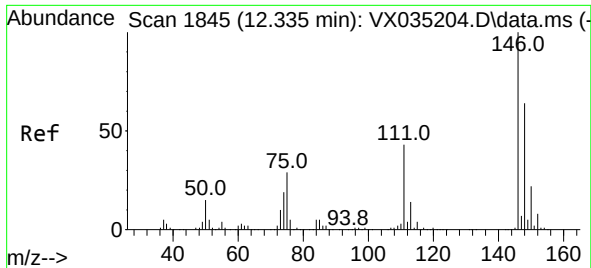
Tgt Ion:112 Resp: 9737
Ion Ratio Lower Upper
112 100
114 30.2 22.4 41.6
77 58.2 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 1.485 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035208.D
Acq: 20 Apr 2023 11:58

Tgt Ion:146 Resp: 9264
Ion Ratio Lower Upper
146 100
111 37.3 27.9 51.7
148 65.2 45.9 85.3

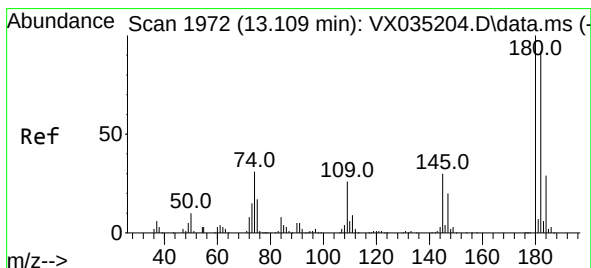
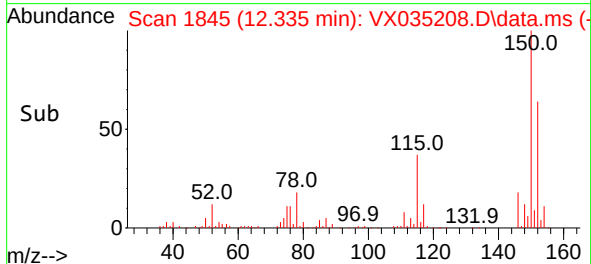
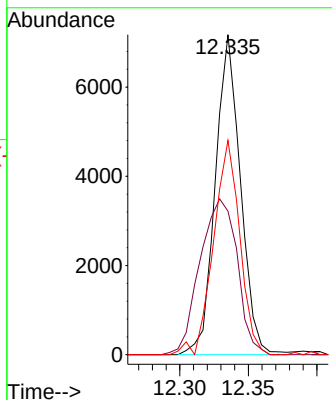
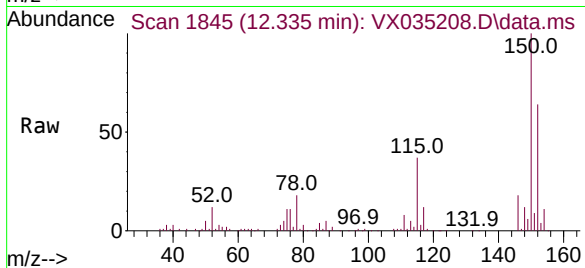




#67
1,2-Dichlorobenzene
Concen: 1.478 ug/L
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035208.D
Acq: 20 Apr 2023 11:58

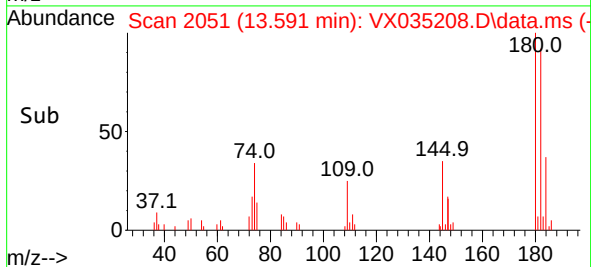
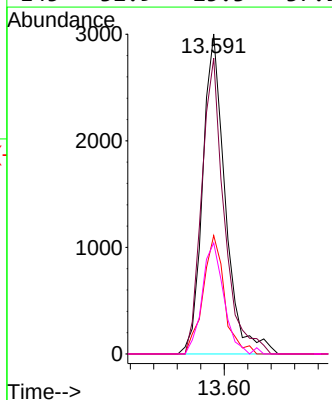
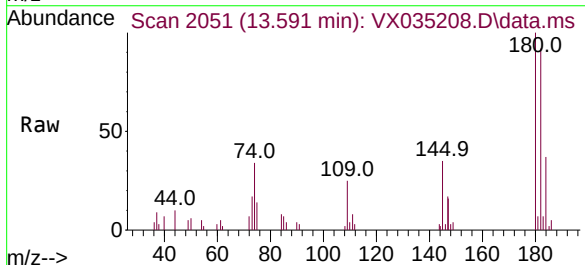
Instrument :
MSVOA_X
ClientSampleId :

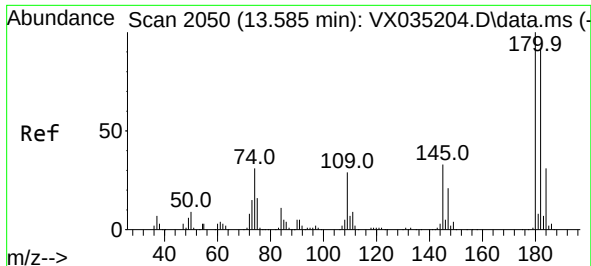
Tgt Ion:146 Resp: 9133
Ion Ratio Lower Upper
146 100
111 44.9 34.7 52.1
148 66.9 52.1 78.1



#69
1,3,5-Trichlorobenzene
Concen: 1.064 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.482 min
Lab File: VX035208.D
Acq: 20 Apr 2023 11:58

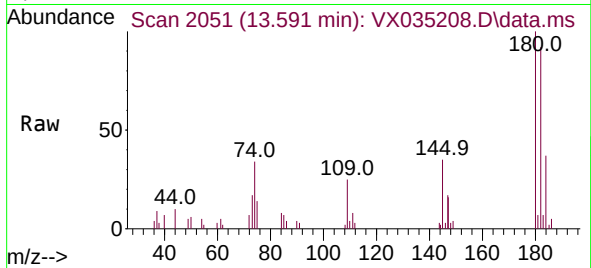
Tgt Ion:180 Resp: 4009
Ion Ratio Lower Upper
180 100
182 91.8 75.4 113.0
184 35.0 23.8 35.8
145 32.9 25.3 37.9



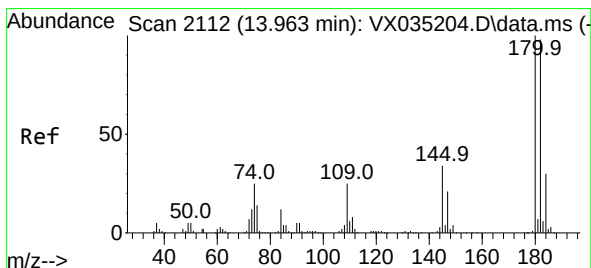
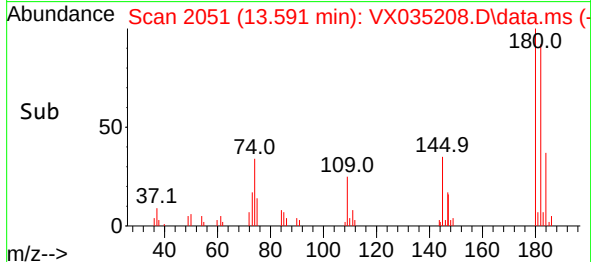
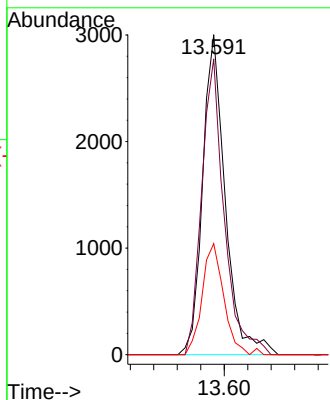


#70
1,2,4-trichlorobenzene
Concen: 1.136 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035208.D
Acq: 20 Apr 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 4009
Ion Ratio Lower Upper
180 100
182 91.8 76.6 114.8
145 32.9 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 1.119 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.372 min
Lab File: VX035208.D
Acq: 20 Apr 2023 11:58

Tgt Ion:180 Resp: 3899
Ion Ratio Lower Upper
180 100
182 91.5 75.0 112.6
145 32.6 27.1 40.7

