

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035148.D
 Acq On : 19 Apr 2023 01:20
 Operator : JC/MD
 Sample : 02397-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM4

Quant Time: Apr 19 02:20:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

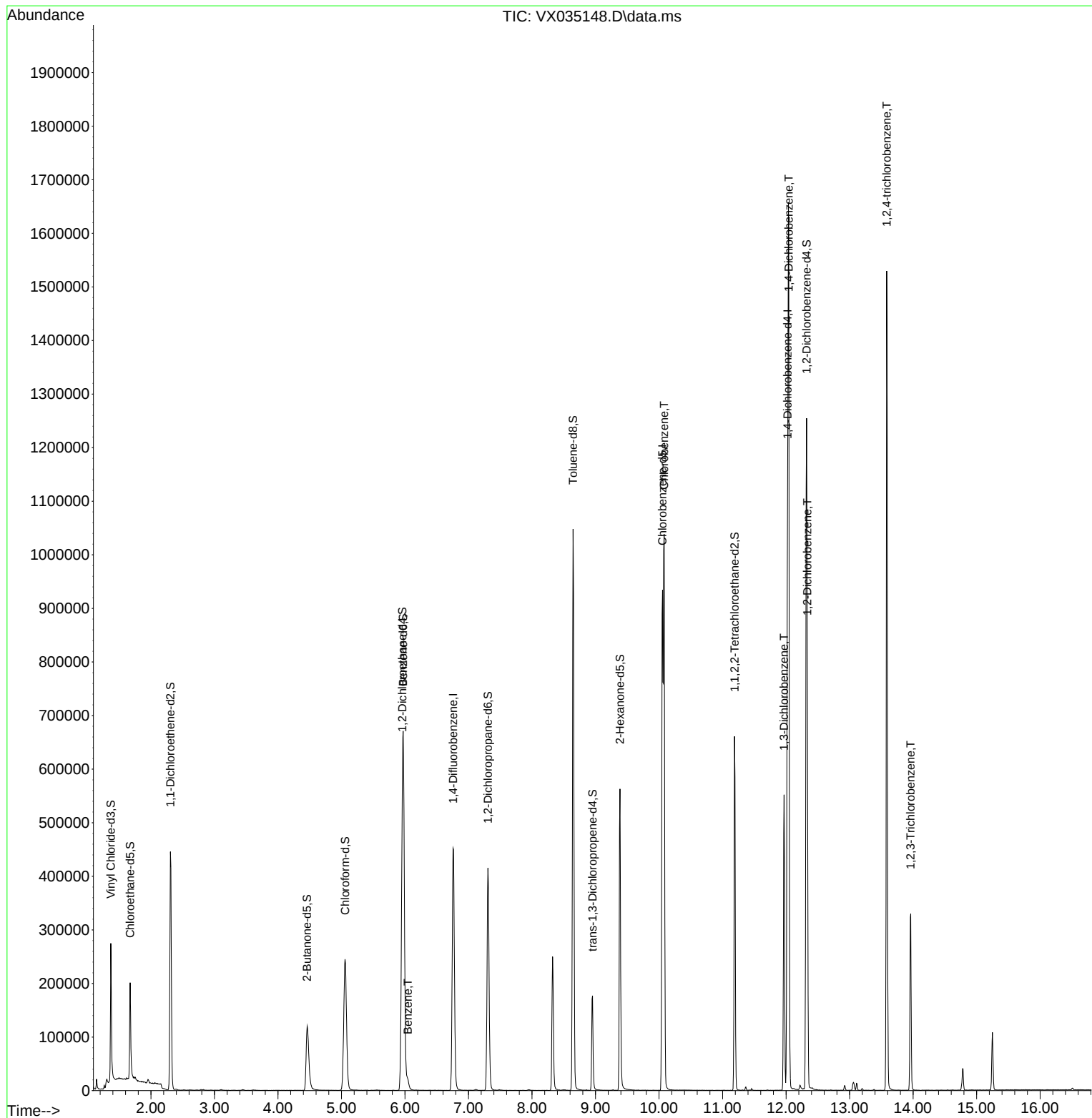
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	478600	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	419742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	199015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	165312	53.568	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.140%		
7) Chloroethane-d5	1.672	69	126051	56.527	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 113.060%		
11) 1,1-Dichloroethene-d2	2.306	65	81345	55.089	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 110.180%		
21) 2-Butanone-d5	4.458	46	229833	111.759	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 111.760%		
24) Chloroform-d	5.056	84	320220	55.100	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 110.200%		
26) 1,2-Dichloroethane-d4	5.958	65	211648	56.711	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 113.420%		
32) Benzene-d6	5.970	84	696497	57.764	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 115.520%		
36) 1,2-Dichloropropane-d6	7.305	67	214289	58.181	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 116.360%		
41) Toluene-d8	8.647	98	624494	56.670	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 113.340%		
43) trans-1,3-Dichloroprop...	8.951	79	85124	52.885	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 105.780%		
47) 2-Hexanone-d5	9.384	63	167126	112.995	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 112.990%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	249979	55.419	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 110.840%		
66) 1,2-Dichlorobenzene-d4	12.323	152	220764	57.242	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 114.480%		
Target Compounds						
						Qvalue
33) Benzene	6.043	78	23228	1.827	ug/L	100
51) Chlorobenzene	10.079	112	463252	53.318	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	180460	29.239	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	524626	83.070	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	204949	32.750	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	355362	99.465	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	81807	23.194	ug/L	100

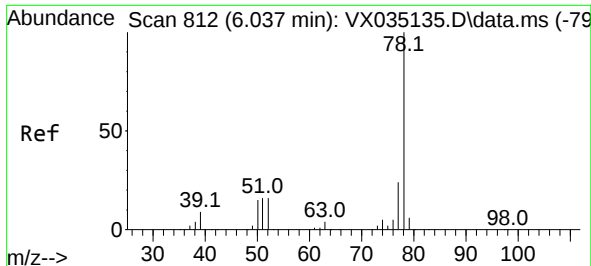
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 02:20:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration





#33

Benzene

Concen: 1.827 ug/L

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX035148.D

Acq: 19 Apr 2023 01:20

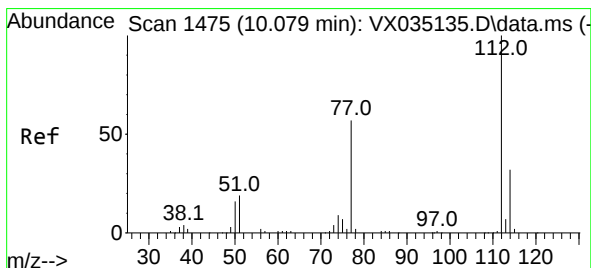
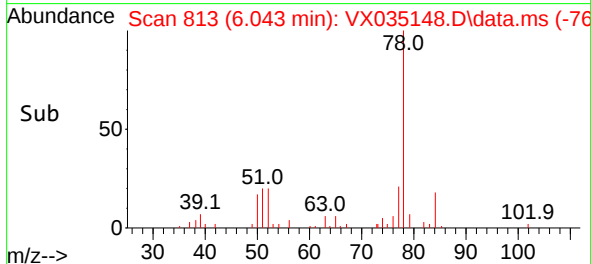
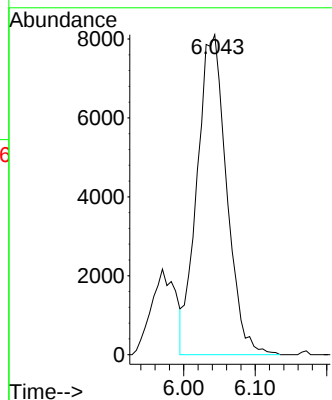
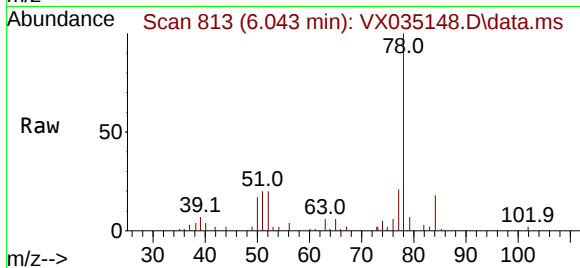
Instrument :

MSVOA_X

ClientSampleId :

COMM4

Tgt Ion: 78 Resp: 23228



#51

Chlorobenzene

Concen: 53.318 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX035148.D

Acq: 19 Apr 2023 01:20

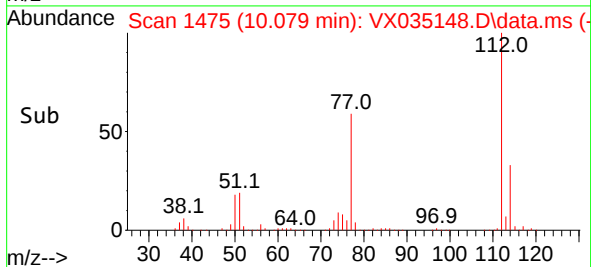
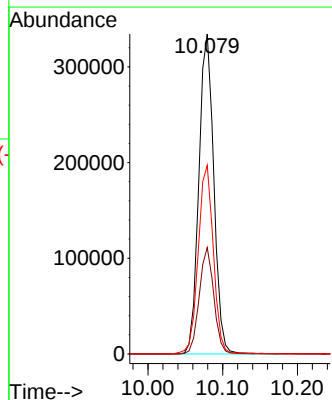
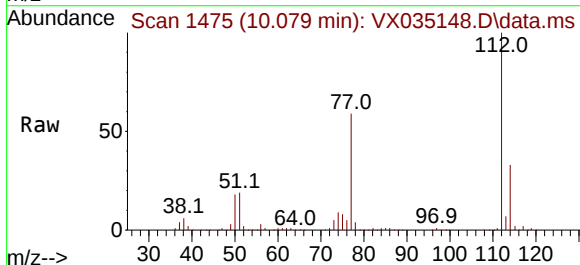
Tgt Ion:112 Resp: 463252

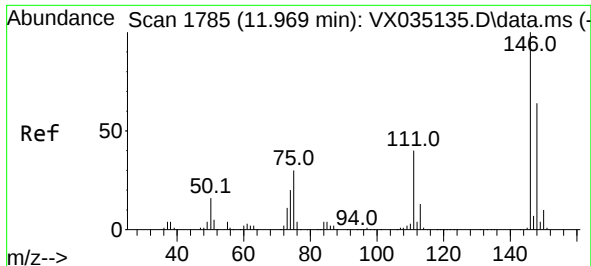
Ion Ratio Lower Upper

112 100

114 33.3 22.4 41.6

77 58.9 47.0 70.6

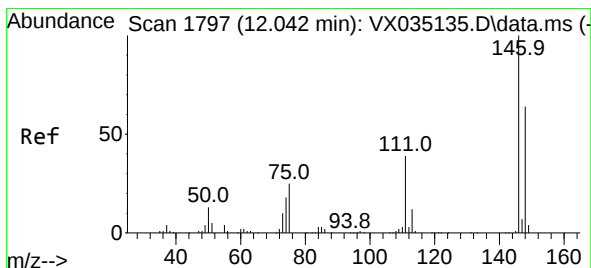
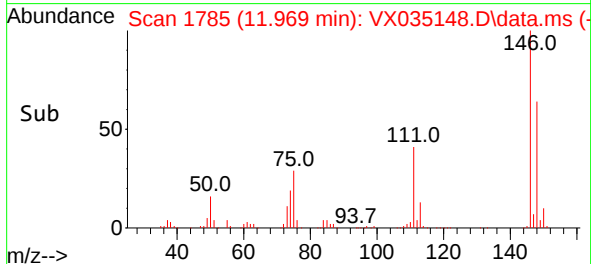
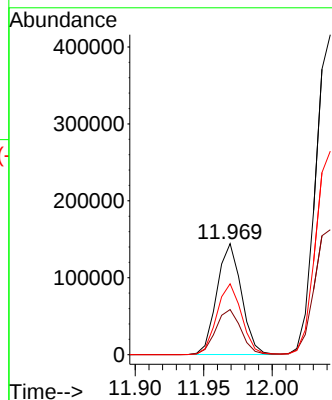
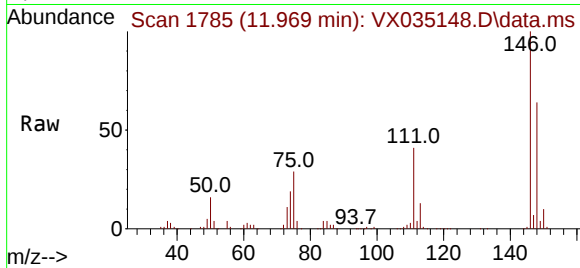




#64
1,3-Dichlorobenzene
Concen: 29.239 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

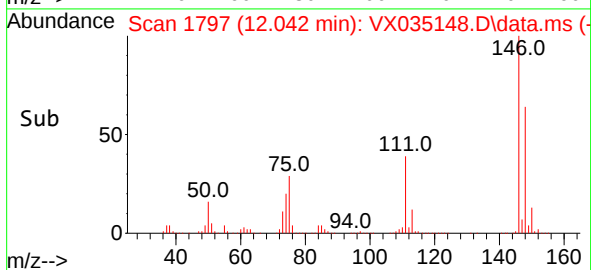
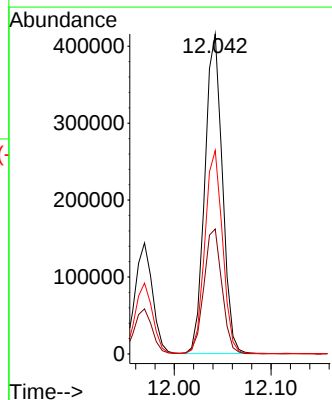
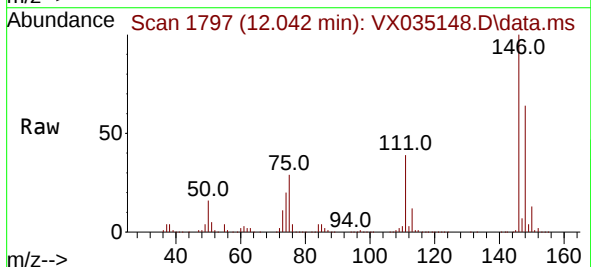
Instrument :
MSVOA_X
ClientSampleId :
COMM4

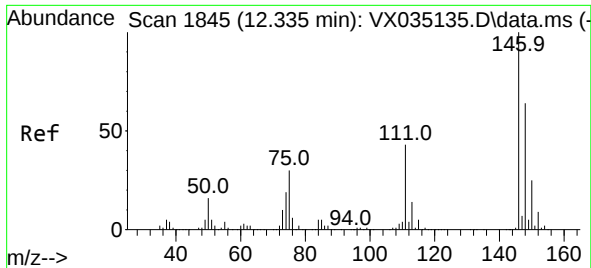
Tgt Ion:146 Resp: 180460
Ion Ratio Lower Upper
146 100
111 40.6 28.9 53.7
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 83.070 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

Tgt Ion:146 Resp: 524626
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.7
148 63.6 45.9 85.3

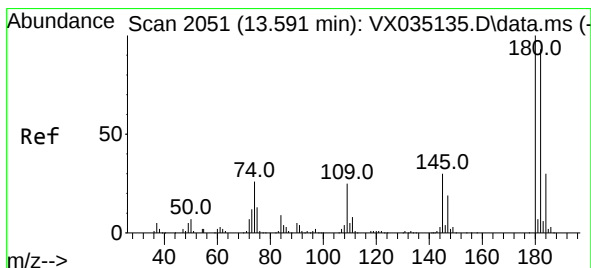
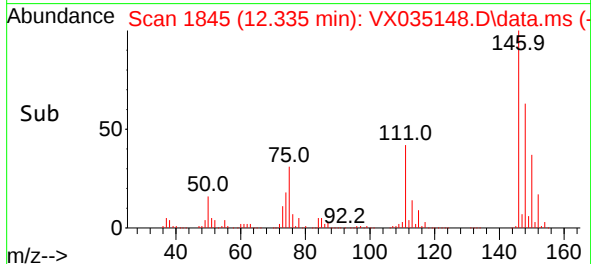
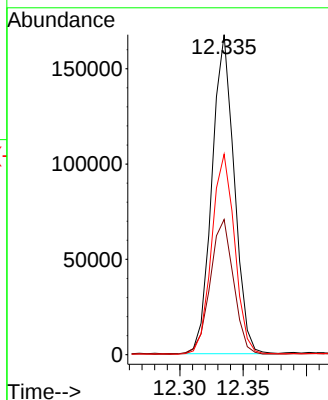
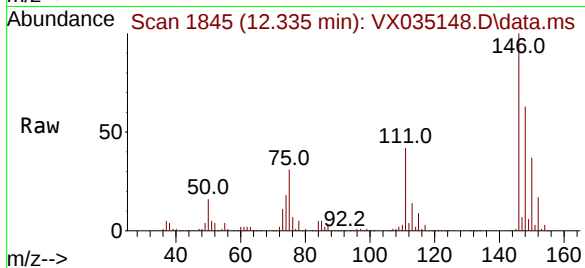




#67
1,2-Dichlorobenzene
Concen: 32.750 ug/L
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

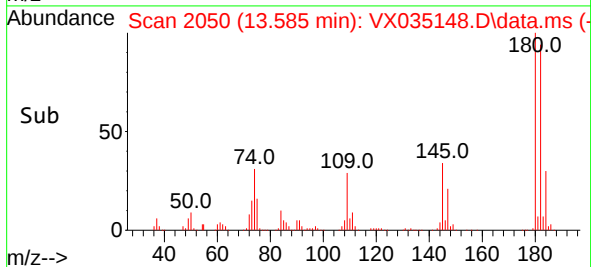
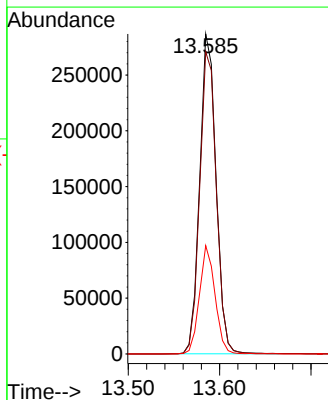
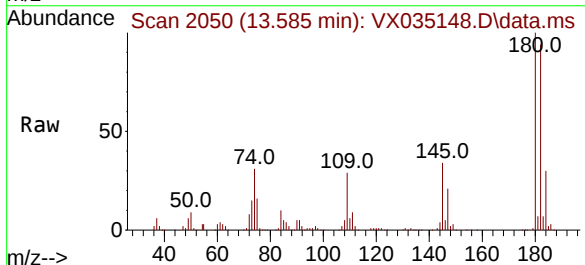
Instrument :
MSVOA_X
ClientSampleId :
COMM4

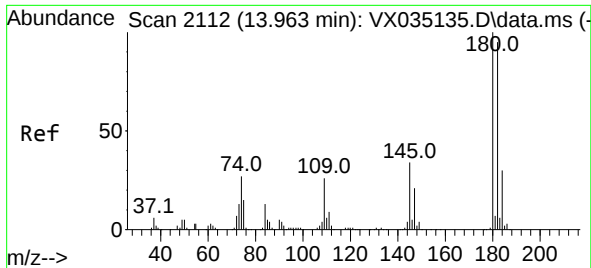
Tgt Ion:146 Resp: 204949
Ion Ratio Lower Upper
146 100
111 42.2 34.7 52.1
148 62.7 52.1 78.1



#70
1,2,4-trichlorobenzene
Concen: 99.465 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

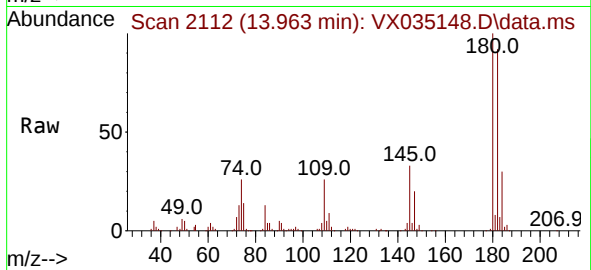
Tgt Ion:180 Resp: 355362
Ion Ratio Lower Upper
180 100
182 96.2 76.6 114.8
145 32.4 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 23.194 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035148.D
 Acq: 19 Apr 2023 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM4



Tgt Ion:	180	Resp:	81807
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.0	112.6
145	33.4	27.1	40.7

