

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041033.D
 Acq On : 12 Apr 2024 16:20
 Operator : JC/MD
 Sample : P2049-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 01:40:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:36:25 2024
 Response via : Initial Calibration

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

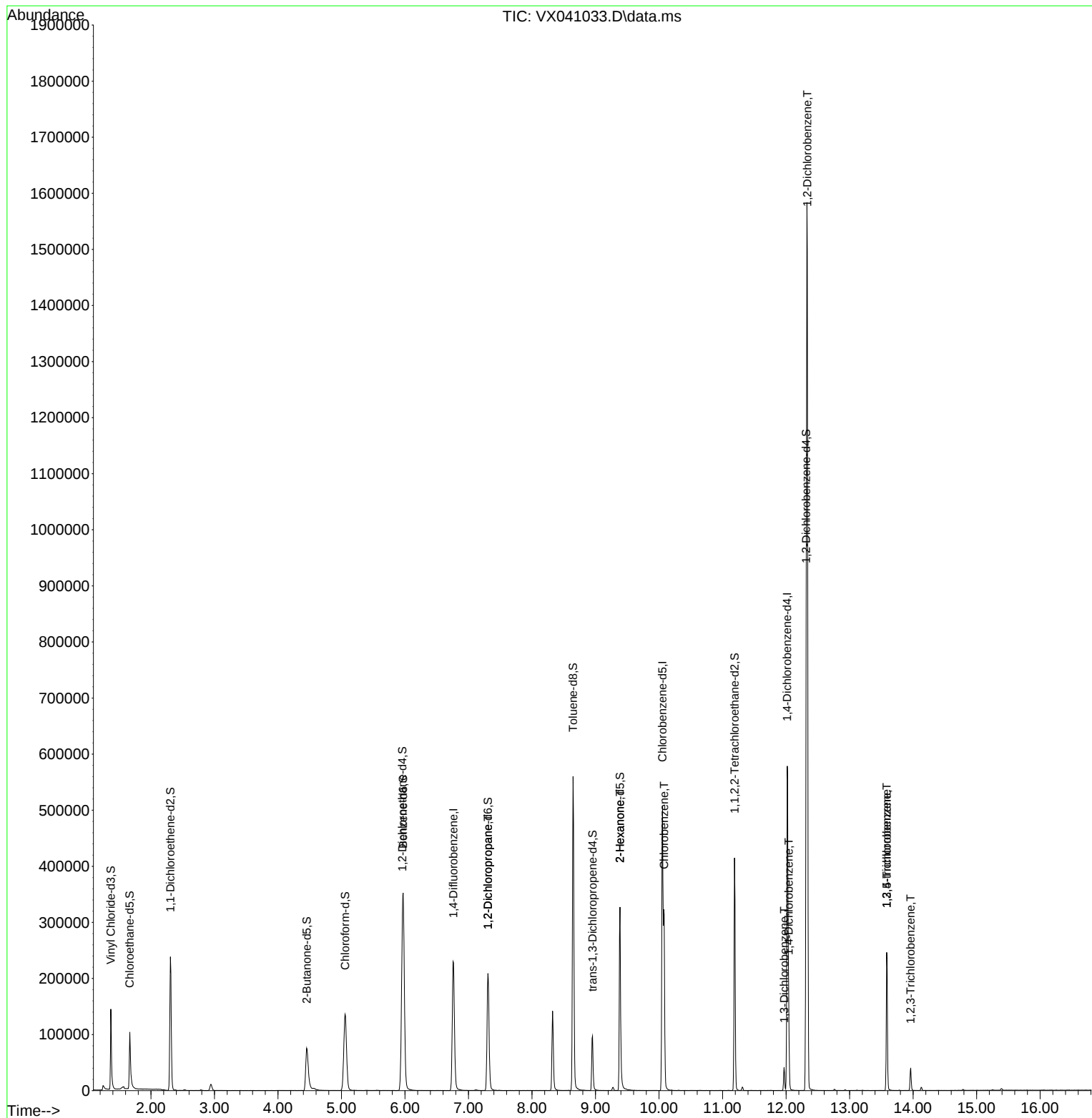
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	250293	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	237071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	129485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102031	57.313	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	114.620%	
7) Chloroethane-d5	1.666	69	83406	57.445	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	114.900%	
11) 1,1-Dichloroethene-d2	2.306	65	42237	55.570	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	111.140%	
21) 2-Butanone-d5	4.452	46	129762	133.811	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	133.810%#	
24) Chloroform-d	5.056	84	177185	53.341	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.680%	
26) 1,2-Dichloroethane-d4	5.958	65	116870	54.089	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	108.180%	
32) Benzene-d6	5.970	84	356787	55.435	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	110.880%	
36) 1,2-Dichloropropane-d6	7.305	67	105693	56.307	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	112.620%	
41) Toluene-d8	8.647	98	332097	52.816	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.640%	
43) trans-1,3-Dichloroprop...	8.952	79	48271	51.101	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	102.200%	
47) 2-Hexanone-d5	9.384	63	89726	113.376	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	113.380%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152491	54.842	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	109.680%	
66) 1,2-Dichlorobenzene-d4	12.317	152	150015	57.755	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	115.500%	
Target Compounds						Qvalue
37) 1,2-Dichloropropane	7.305	63	12265	7.704	ug/L #	84
48) 2-Hexanone	9.384	43	11543	5.959	ug/L #	74
51) Chlorobenzene	10.079	112	146465	30.682	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	13522	3.404	ug/L	90
65) 1,4-Dichlorobenzene	12.042	146	51845	12.715	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	489482	127.033	ug/L	96
69) 1,3,5-Trichlorobenzene	13.585	180	65107	21.403	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	65107	22.586	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	11355	4.016	ug/L	97

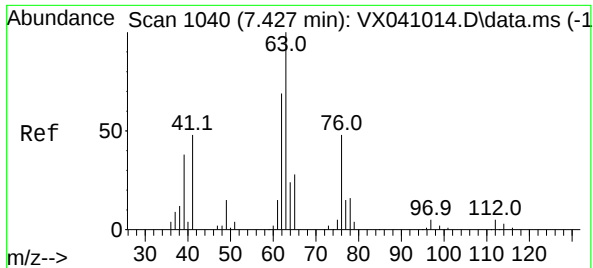
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 01:40:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:36:25 2024
Response via : Initial Calibration

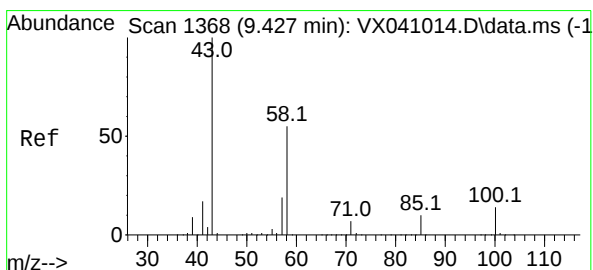
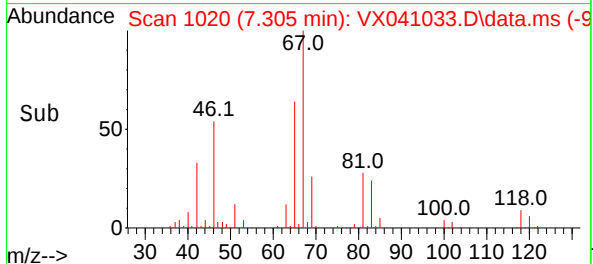
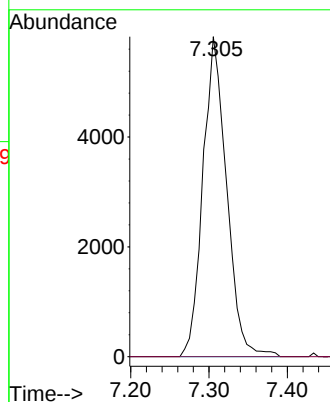
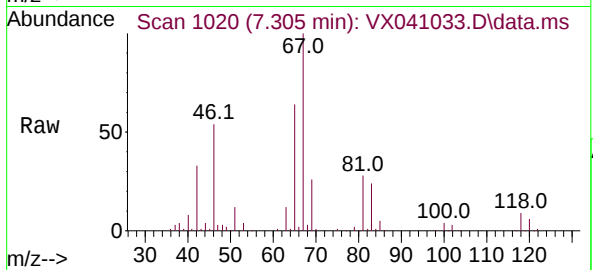




#37
1,2-Dichloropropane
Concen: 7.704 ug/L
RT: 7.305 min Scan# 11
Delta R.T. -0.122 min
Lab File: VX041033.D
Acq: 12 Apr 2024 16:20

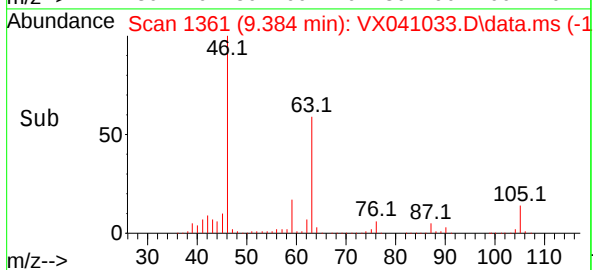
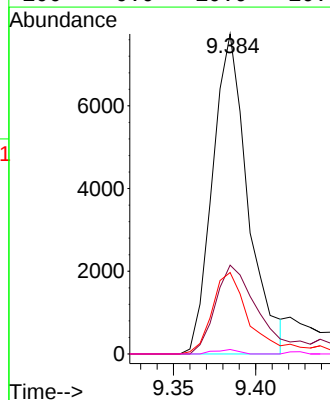
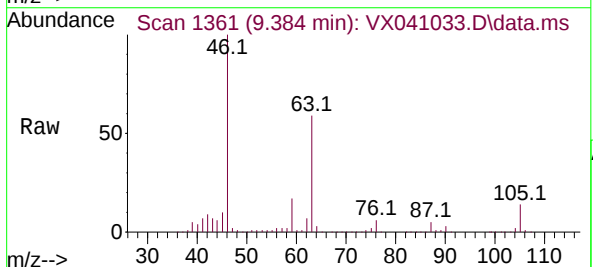
Instrument :
MSVOA_X
ClientSampleId :

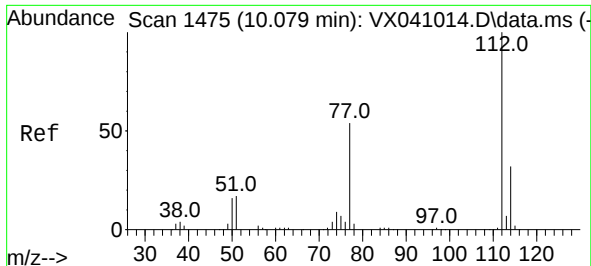
Tgt Ion: 63 Resp: 12265
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



#48
2-Hexanone
Concen: 5.959 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX041033.D
Acq: 12 Apr 2024 16:20

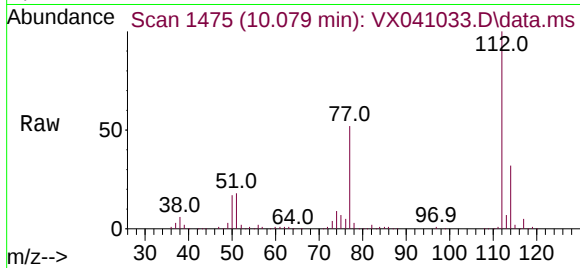
Tgt Ion: 43 Resp: 11543
Ion Ratio Lower Upper
43 100
58 34.3 43.2 64.8#
57 27.3 15.4 23.2#
100 0.9 10.9 16.3#



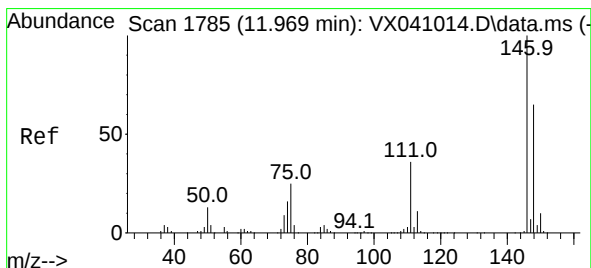
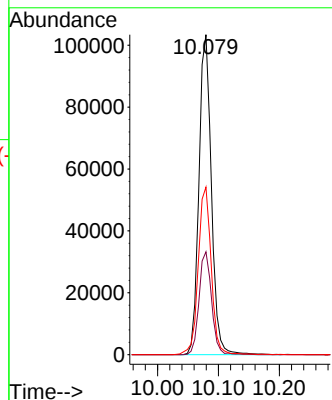
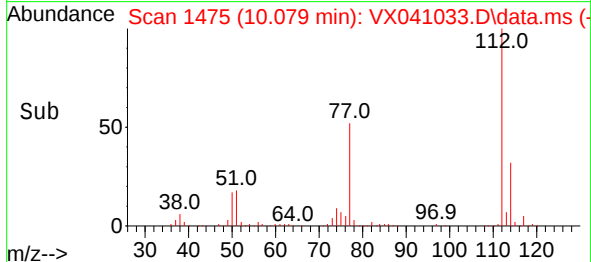


#51
Chlorobenzene
Concen: 30.682 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041033.D
Acq: 12 Apr 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :

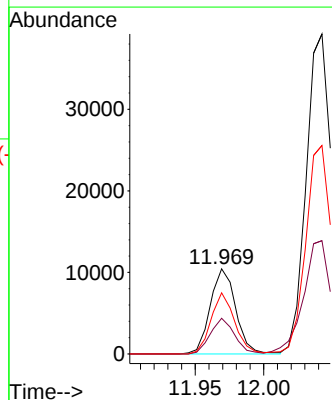
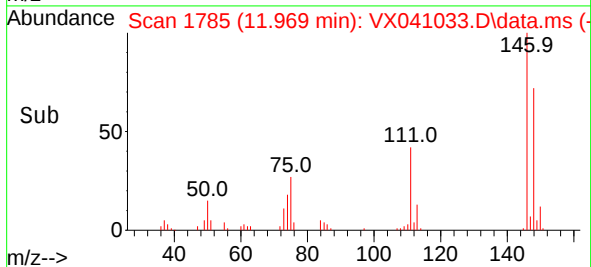
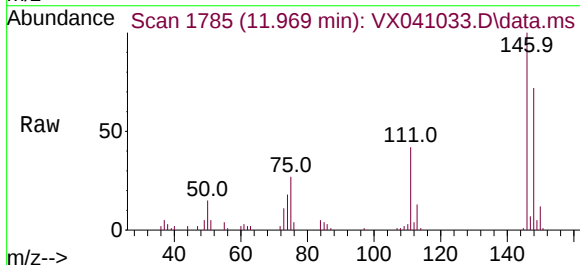


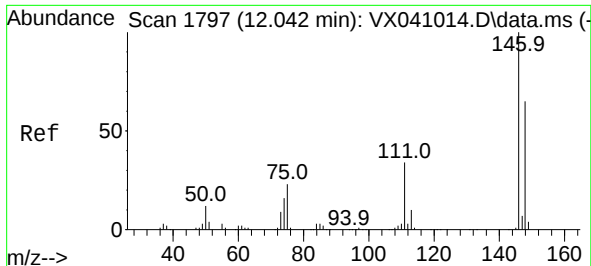
Tgt Ion:112 Resp: 146465
Ion Ratio Lower Upper
112 100
114 32.2 23.0 42.8
77 52.4 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 3.404 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041033.D
Acq: 12 Apr 2024 16:20

Tgt Ion:146 Resp: 13522
Ion Ratio Lower Upper
146 100
111 41.9 25.3 47.1
148 71.9 44.7 82.9





#65

1,4-Dichlorobenzene

Concen: 12.715 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041033.D

Acq: 12 Apr 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

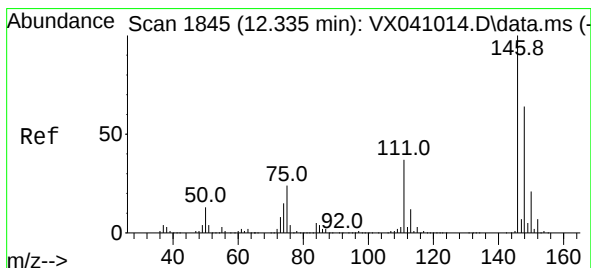
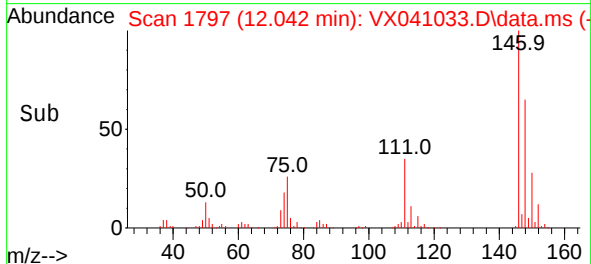
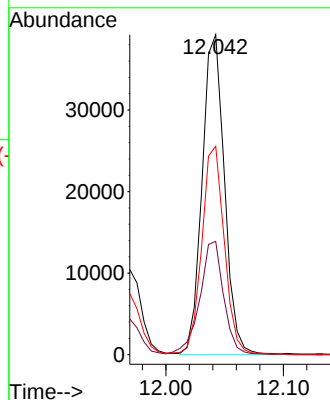
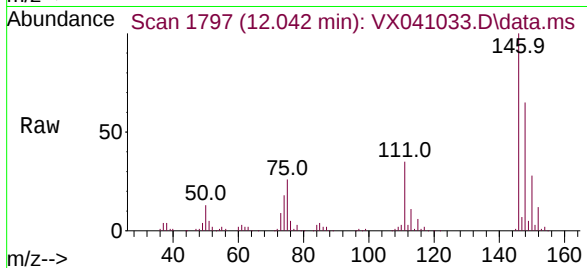
Tgt Ion:146 Resp: 51845

Ion Ratio Lower Upper

146 100

111 35.4 23.4 43.6

148 65.1 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 127.033 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041033.D

Acq: 12 Apr 2024 16:20

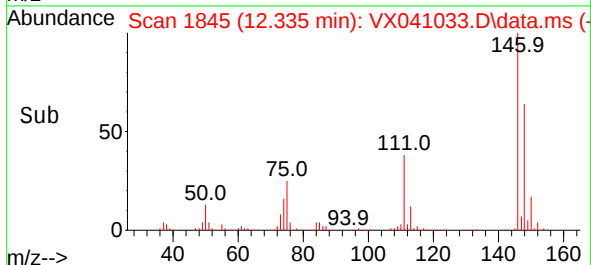
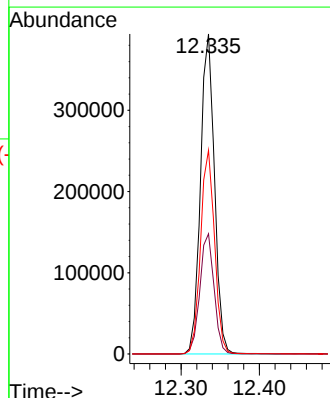
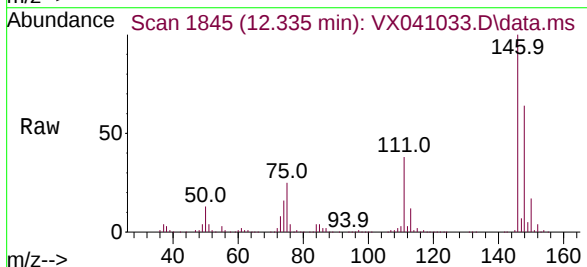
Tgt Ion:146 Resp: 489482

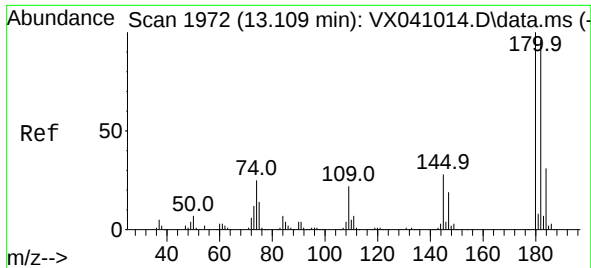
Ion Ratio Lower Upper

146 100

111 37.5 31.8 47.8

148 63.7 53.2 79.8





#69

1,3,5-Trichlorobenzene

Concen: 21.403 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

Lab File: VX041033.D

Acq: 12 Apr 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 65107

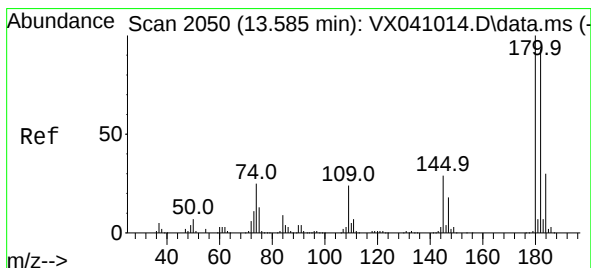
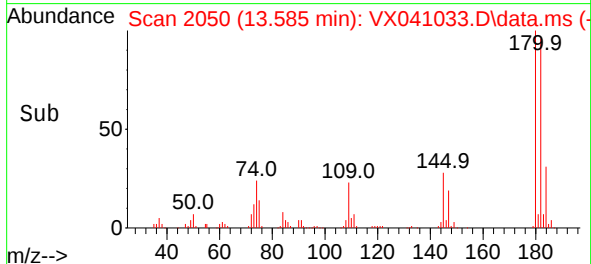
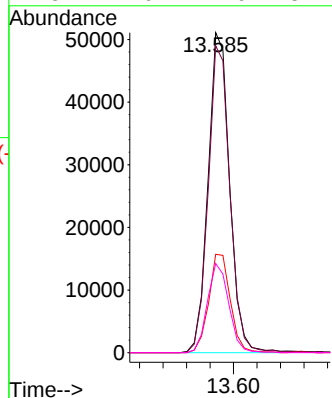
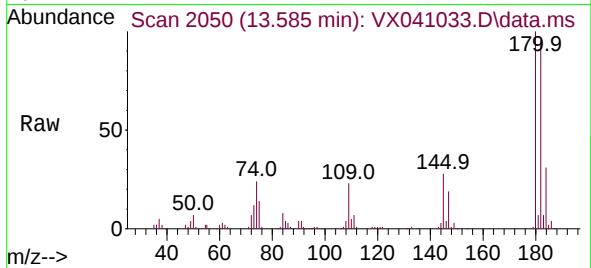
Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.6

184 30.9 24.4 36.6

145 27.6 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 22.586 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041033.D

Acq: 12 Apr 2024 16:20

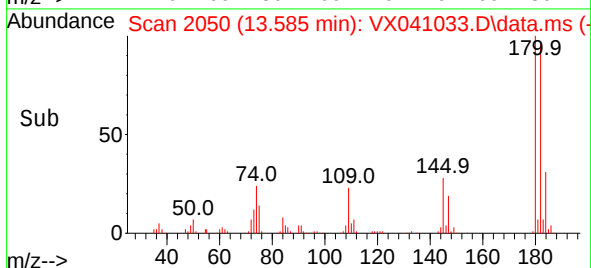
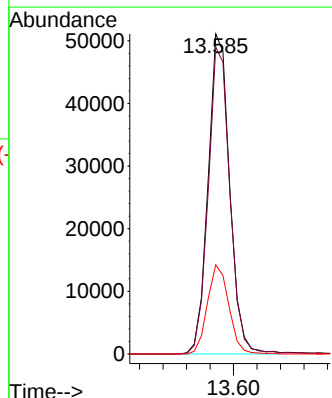
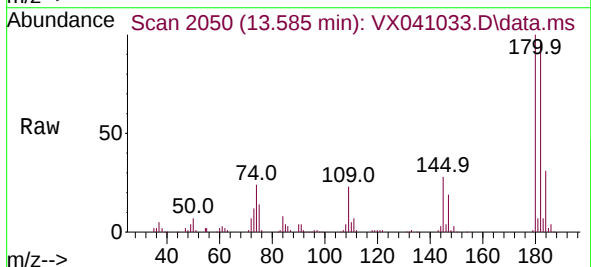
Tgt Ion:180 Resp: 65107

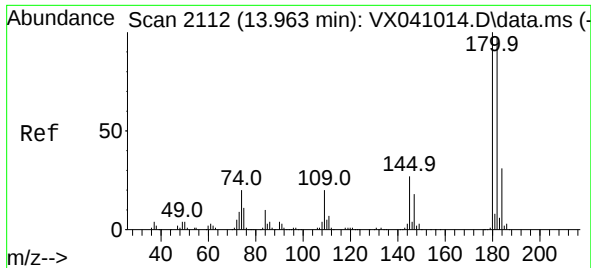
Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 27.6 22.3 33.5





#72

1,2,3-Trichlorobenzene

Concen: 4.016 ug/L

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

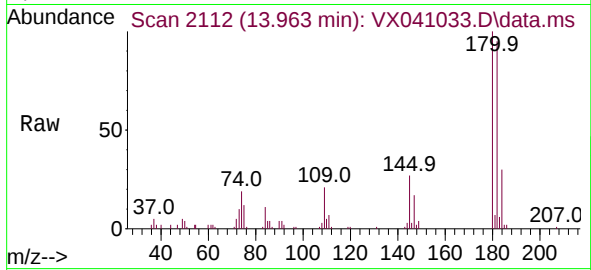
Lab File: VX041033.D

Acq: 12 Apr 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 11355

Ion Ratio Lower Upper

180 100

182 93.1 77.0 115.6

145 28.9 23.4 35.2

