

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110524\
 Data File : VX043705.D
 Acq On : 05 Nov 2024 10:44
 Operator : JC/MD
 Sample : P4670-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COSY5

Quant Time: Nov 06 02:01:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 01:38:34 2024
 Response via : Initial Calibration

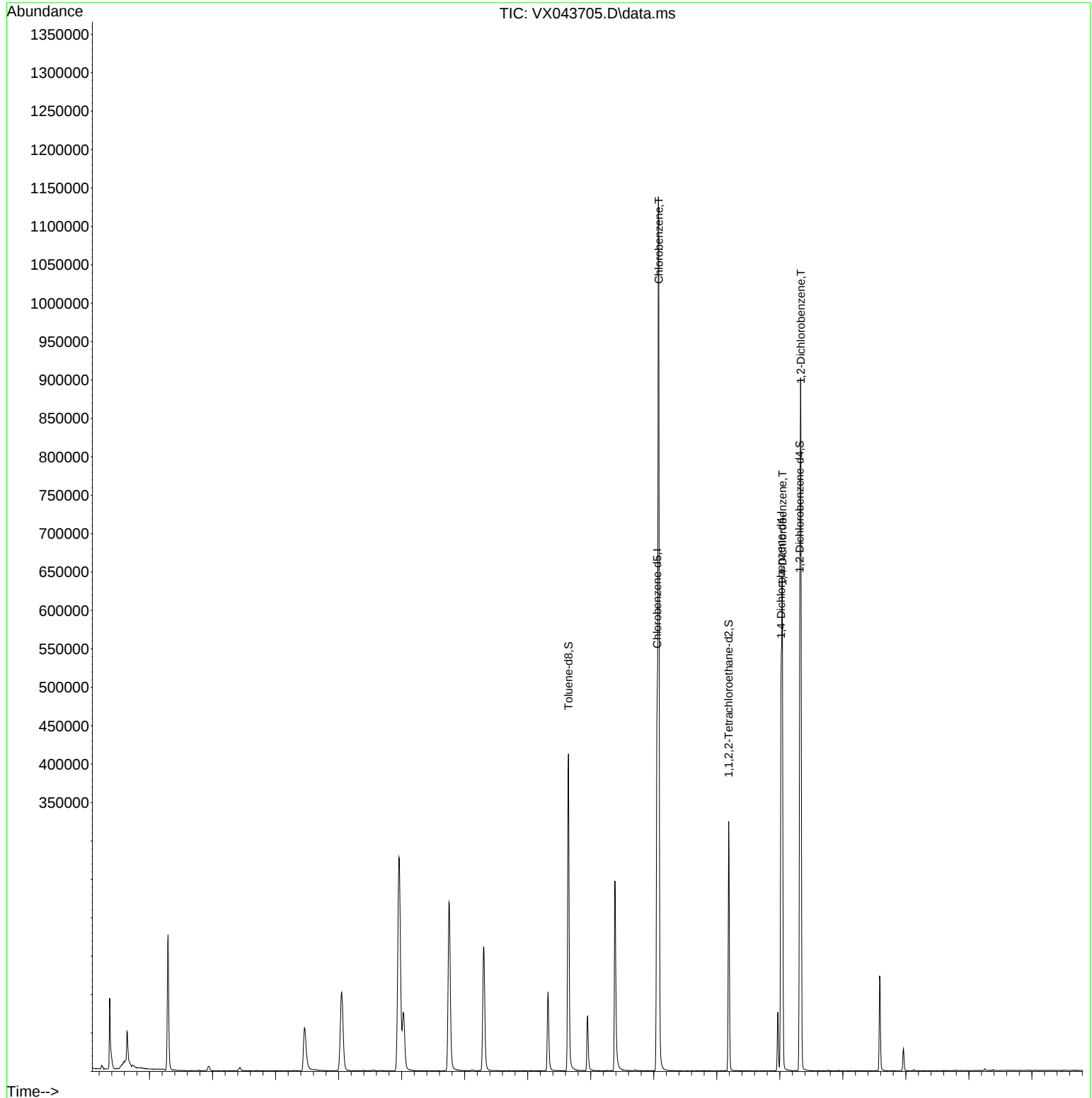
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	245472	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	77423	59.205	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 118.400%		
7) Chloroethane-d5	1.642	69	31430	55.914	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 111.820%		
11) 1,1-Dichloroethene-d2	2.294	65	31331	51.899	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 103.800%		
21) 2-Butanone-d5	4.458	46	103676	121.084	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 121.080%		
24) Chloroform-d	5.050	84	135756	48.155	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 96.320%		
26) 1,2-Dichloroethane-d4	5.946	65	88048	49.164	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.320%		
32) Benzene-d6	5.964	84	291345	50.933	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 101.860%		
36) 1,2-Dichloropropane-d6	7.305	67	88208	50.686	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 101.380%		
41) Toluene-d8	8.647	98	261277	50.282	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 100.560%		
43) trans-1,3-Dichloroprop...	8.951	79	37779	45.393	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 90.780%		
47) 2-Hexanone-d5	9.384	63	78375	113.797	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 113.800%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	121810	54.552	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 109.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	98554	55.665	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 111.340%		
Target Compounds						Qvalue
33) Benzene	6.025	78	96003	15.223	ug/L	100
51) Chlorobenzene	10.079	112	543062	125.273	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	25129	8.063	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	196482	62.592	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	257409	80.821	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	31379	16.464	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	7435	3.775	ug/L	97

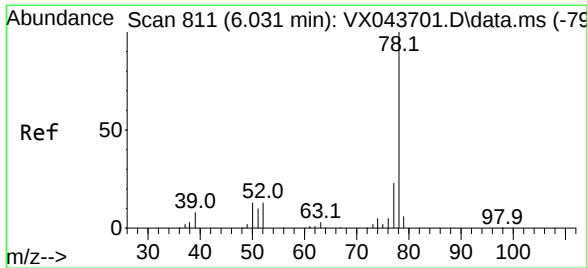
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
C0SY5

Quant Time: Nov 06 02:01:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 01:38:34 2024
Response via : Initial Calibration





#33

Benzene

Concen: 15.223 ug/L

RT: 6.025 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX043705.D

Acq: 05 Nov 2024 10:44

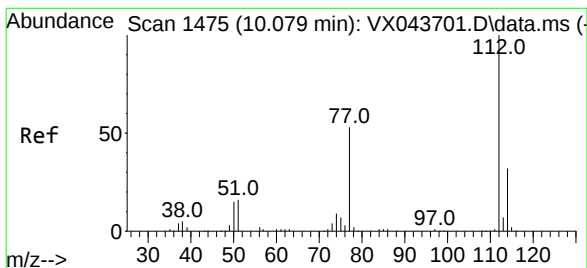
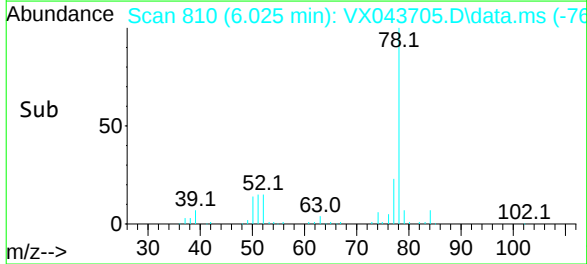
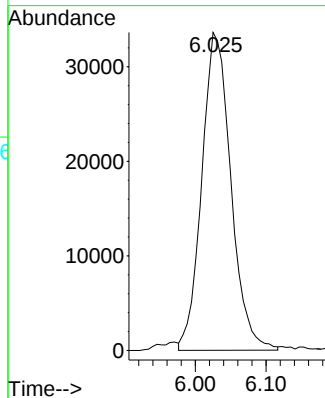
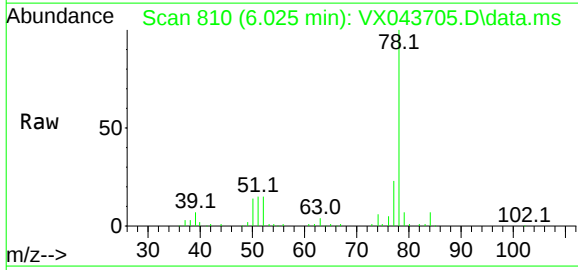
Instrument :

MSVOA_X

ClientSampleId :

C0SY5

Tgt Ion: 78 Resp: 96003



#51

Chlorobenzene

Concen: 125.273 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043705.D

Acq: 05 Nov 2024 10:44

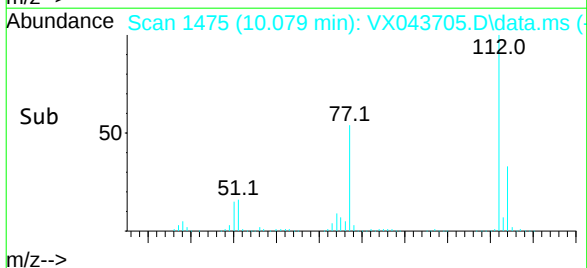
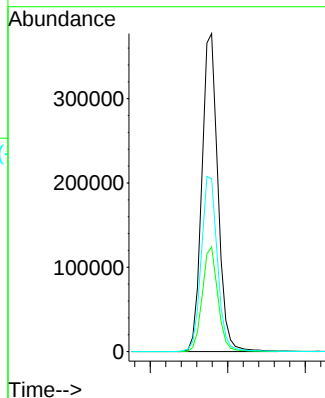
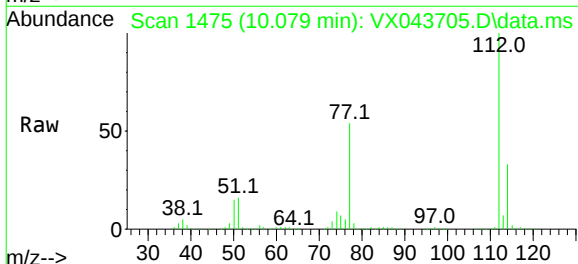
Tgt Ion:112 Resp: 543062

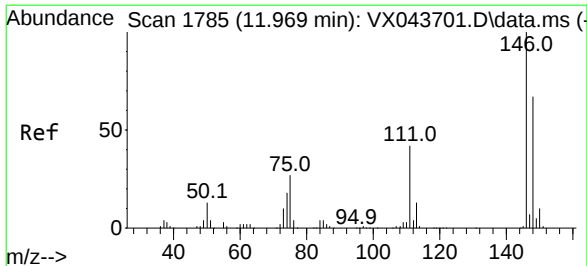
Ion Ratio Lower Upper

112 100

114 32.9 22.6 42.0

77 54.3 45.9 68.9





#64

1,3-Dichlorobenzene

Concen: 8.063 ug/L

RT: 11.969 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX043705.D

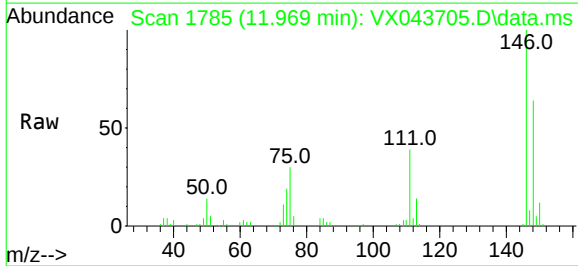
Acq: 05 Nov 2024 10:44

Instrument :

MSVOA_X

ClientSampleId :

C0SY5



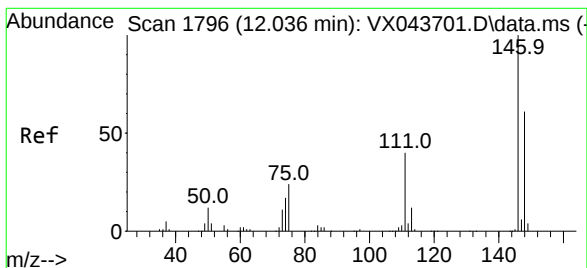
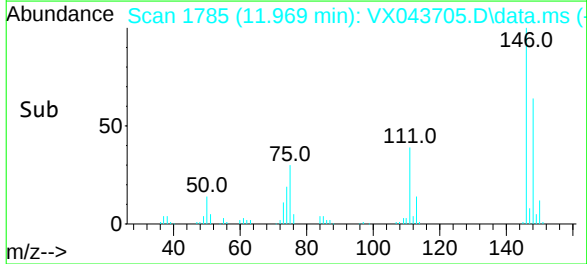
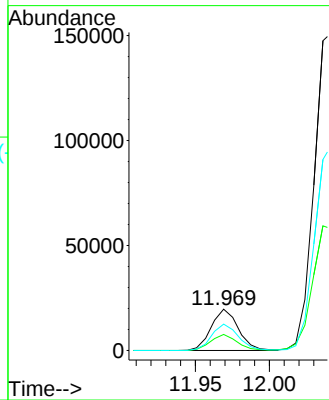
Tgt Ion:146 Resp: 25129

Ion Ratio Lower Upper

146 100

111 38.8 28.3 52.5

148 63.9 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 62.592 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043705.D

Acq: 05 Nov 2024 10:44

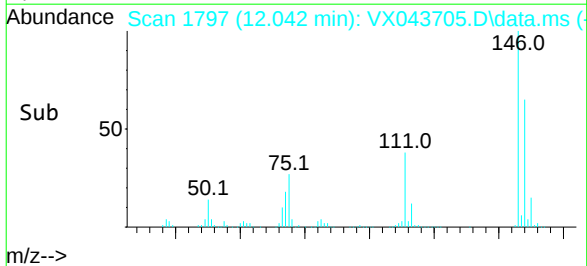
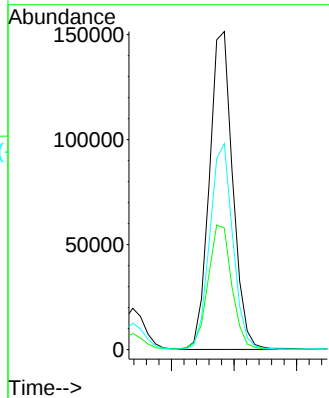
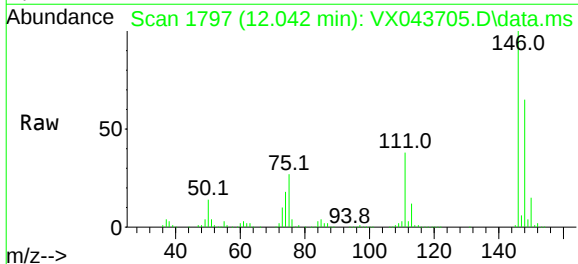
Tgt Ion:146 Resp: 196482

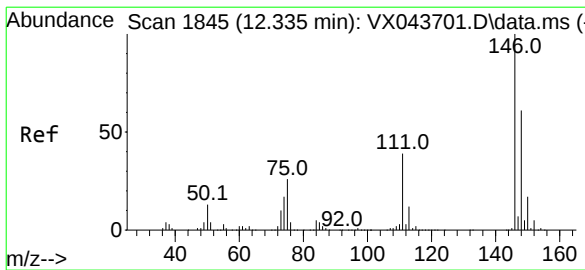
Ion Ratio Lower Upper

146 100

111 38.2 28.9 53.7

148 64.7 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 80.821 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043705.D

Acq: 05 Nov 2024 10:44

Instrument :

MSVOA_X

ClientSampleId :

C0SY5

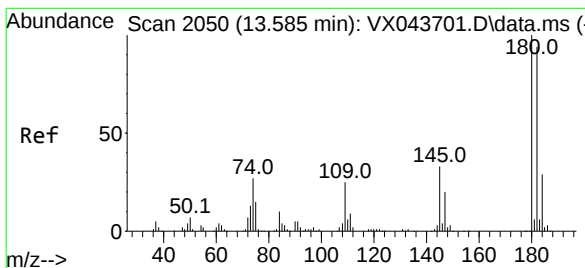
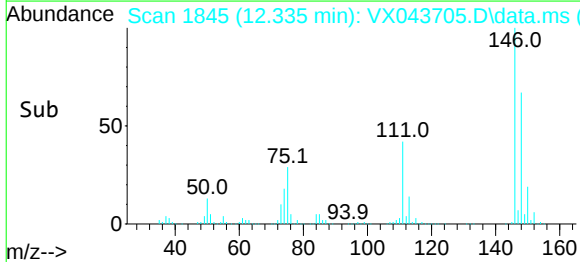
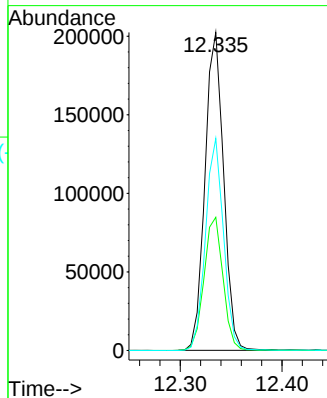
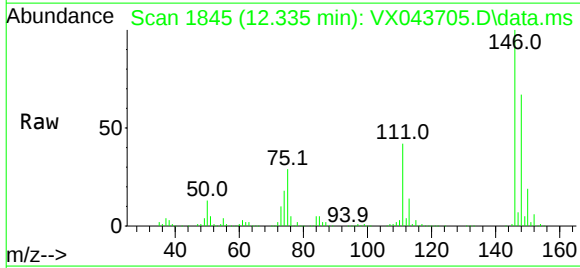
Tgt Ion:146 Resp: 257409

Ion Ratio Lower Upper

146 100

111 41.9 33.9 50.9

148 66.6 50.6 76.0



#70

1,2,4-trichlorobenzene

Concen: 16.464 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043705.D

Acq: 05 Nov 2024 10:44

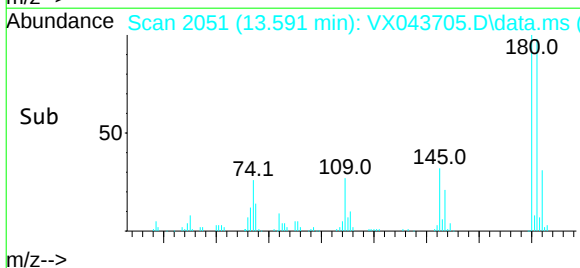
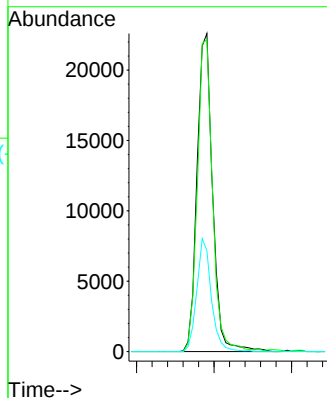
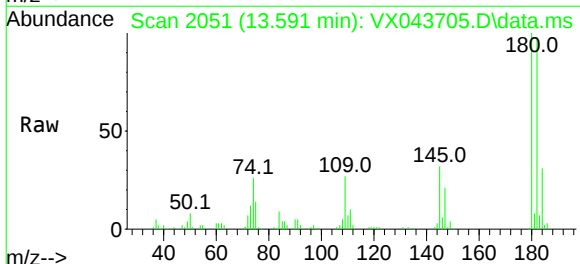
Tgt Ion:180 Resp: 31379

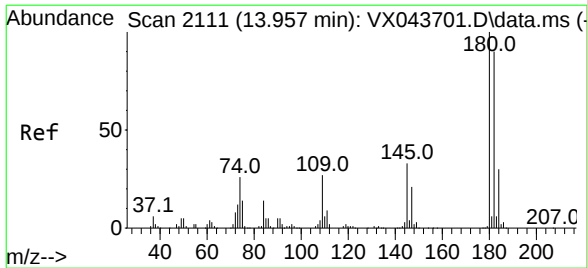
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

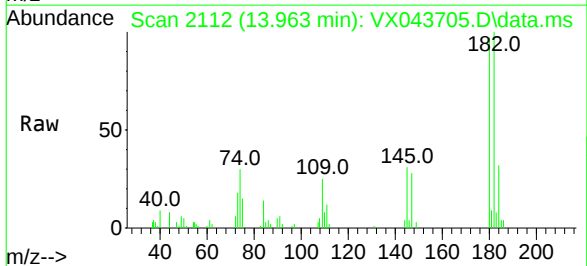
145 33.3 26.9 40.3





#72
 1,2,3-Trichlorobenzene
 Concen: 3.775 ug/L
 RT: 13.963 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: VX043705.D
 Acq: 05 Nov 2024 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 C0SY5



Tgt Ion:	180	Resp:	7435
Ion Ratio	Lower	Upper	
180	100		
182	98.3	75.8	113.8
145	36.5	28.4	42.6

