

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041044.D
 Acq On : 12 Apr 2024 20:33
 Operator : JC/MD
 Sample : P2049-18DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 04:22:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 04:06:48 2024
 Response via : Initial Calibration

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

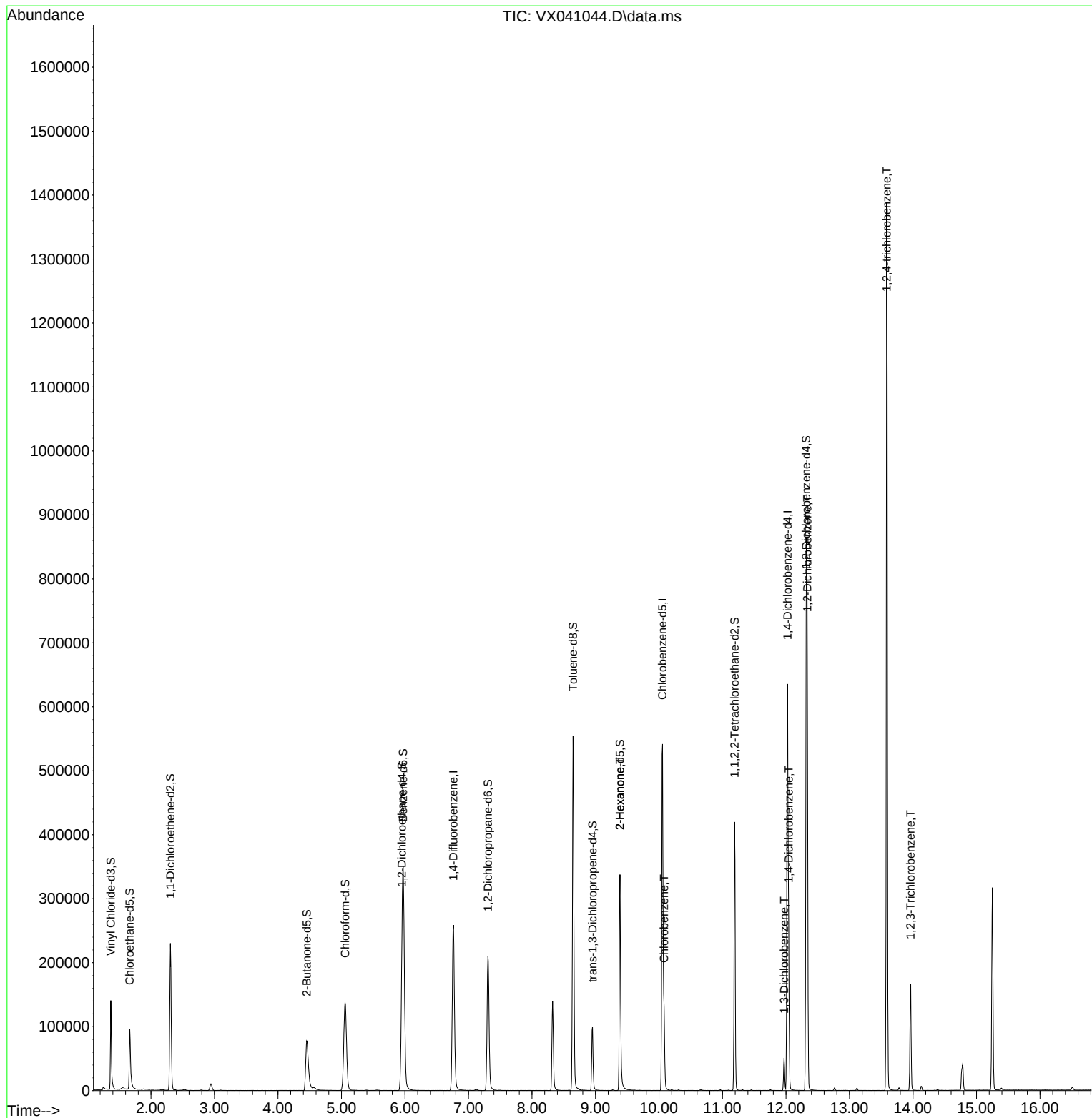
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	280937	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264034	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	96826	48.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.920%
7) Chloroethane-d5	1.666	69	79369	48.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.307	65	40233	47.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.320%
21) 2-Butanone-d5	4.453	46	137952	126.739	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.740%
24) Chloroform-d	5.056	84	178605	47.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.952	65	118280	48.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
32) Benzene-d6	5.971	84	356633	49.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
36) 1,2-Dichloropropane-d6	7.306	67	106054	50.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.460%
41) Toluene-d8	8.647	98	328464	46.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.952	79	48469	46.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.140%
47) 2-Hexanone-d5	9.385	63	92487	104.930	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.930%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151838	49.031	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	143976	50.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
Target Compounds						
					Qvalue	
48) 2-Hexanone	9.385	43	12125	5.620	ug/L	# 76
51) Chlorobenzene	10.080	112	55929	10.520	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	17335	3.966	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	85000	18.943	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	208080	49.073	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	342784	108.058	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	45369	14.583	ug/L	99

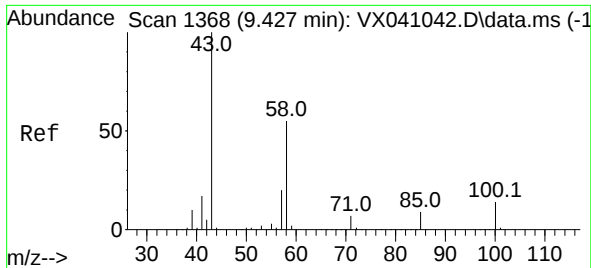
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:06:48 2024
Response via : Initial Calibration





#48

2-Hexanone

Concen: 5.620 ug/L

RT: 9.385 min Scan# 1361

Delta R.T. -0.043 min

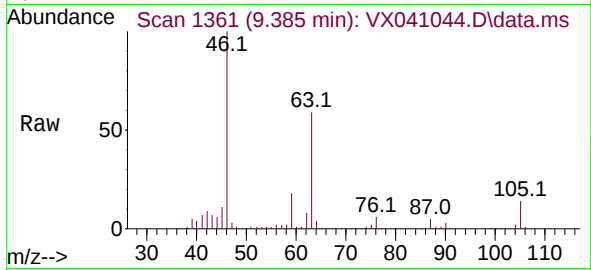
Lab File: VX041044.D

Acq: 12 Apr 2024 20:33

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 12125

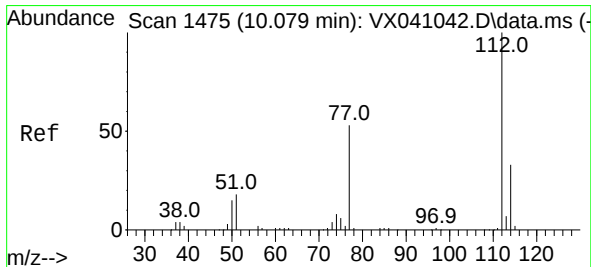
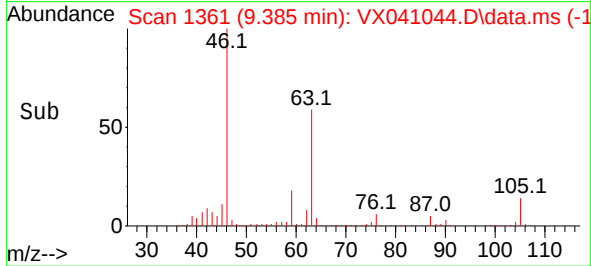
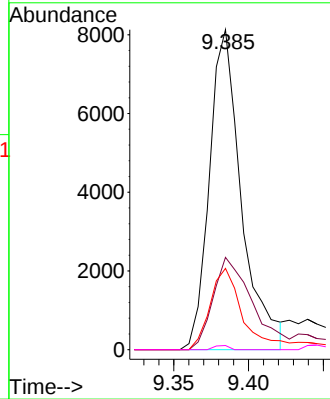
Ion Ratio Lower Upper

43 100

58 35.5 43.2 64.8#

57 25.9 15.4 23.2#

100 0.6 10.9 16.3#



#51

Chlorobenzene

Concen: 10.520 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041044.D

Acq: 12 Apr 2024 20:33

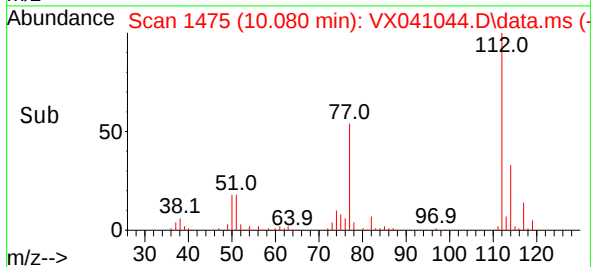
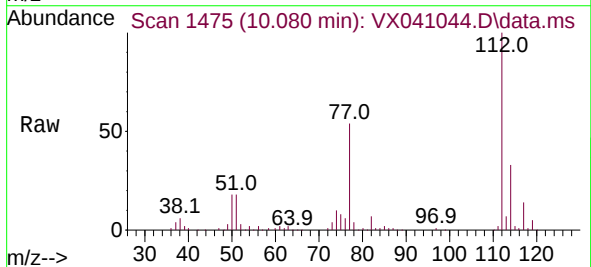
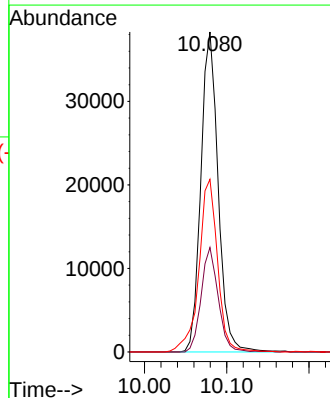
Tgt Ion: 112 Resp: 55929

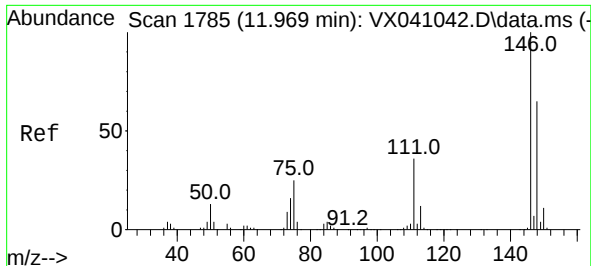
Ion Ratio Lower Upper

112 100

114 32.6 23.0 42.8

77 54.0 43.4 65.0





#64

1,3-Dichlorobenzene

Concen: 3.966 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041044.D

Acq: 12 Apr 2024 20:33

Instrument :

MSVOA_X

ClientSampleId :

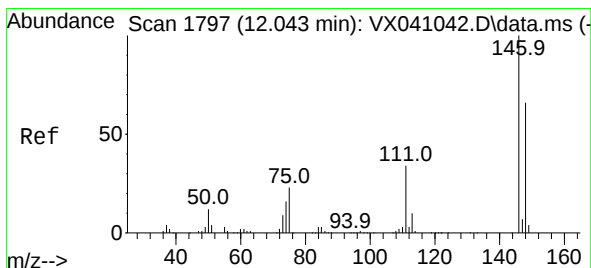
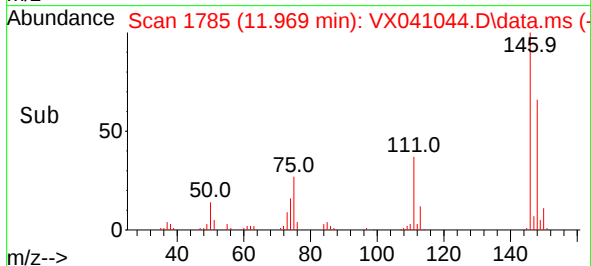
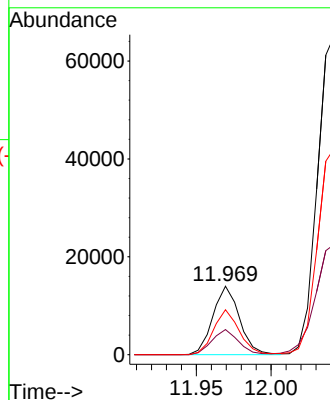
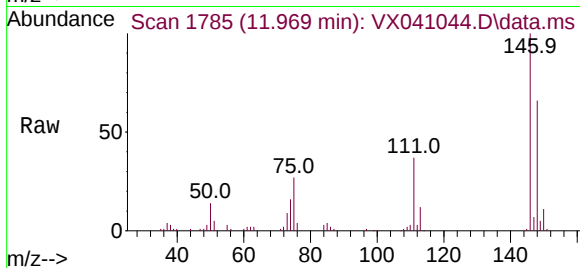
Tgt Ion:146 Resp: 17335

Ion Ratio Lower Upper

146 100

111 36.6 25.3 47.1

148 65.7 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 18.943 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041044.D

Acq: 12 Apr 2024 20:33

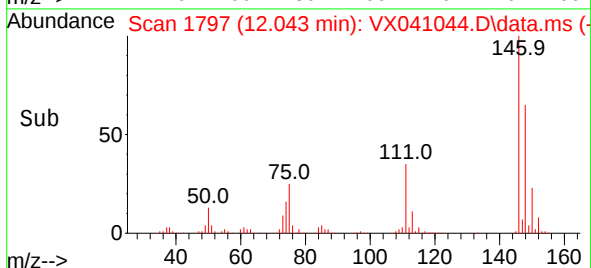
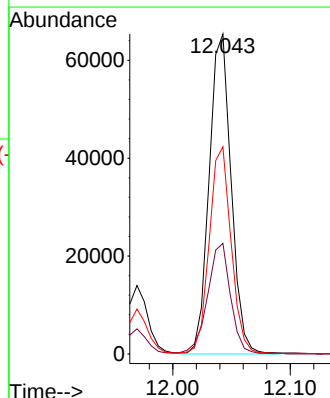
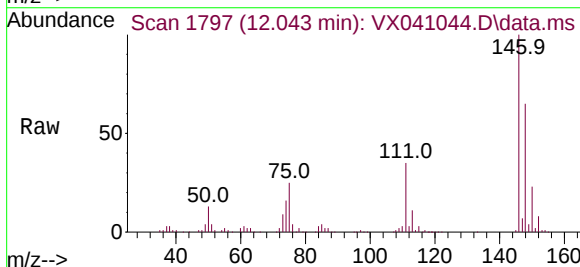
Tgt Ion:146 Resp: 85000

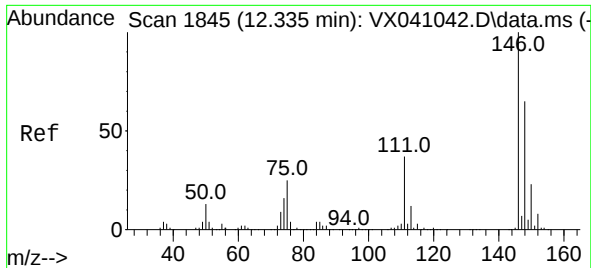
Ion Ratio Lower Upper

146 100

111 34.5 23.4 43.6

148 64.7 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 49.073 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041044.D

Acq: 12 Apr 2024 20:33

Instrument :

MSVOA_X

ClientSampleId :

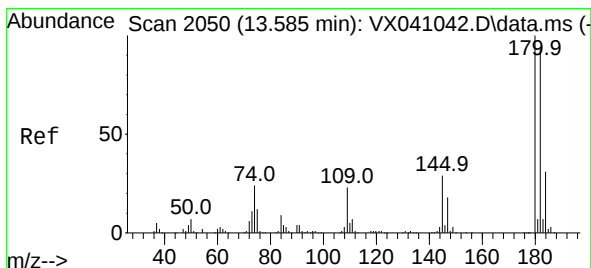
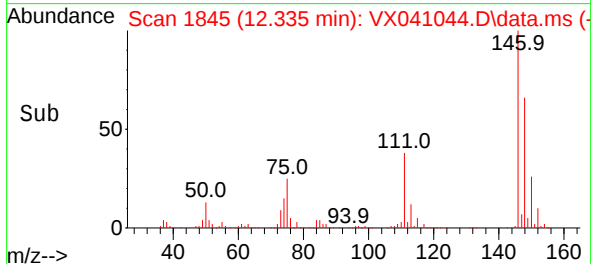
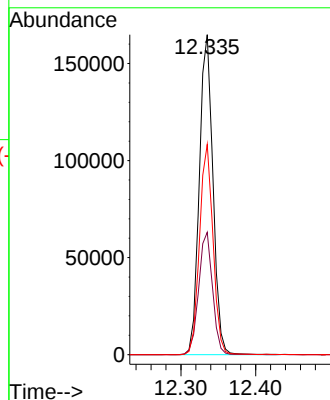
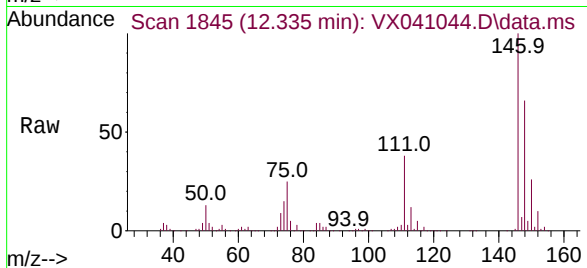
Tgt Ion:146 Resp: 208080

Ion Ratio Lower Upper

146 100

111 38.2 31.8 47.8

148 65.7 53.2 79.8



#70

1,2,4-trichlorobenzene

Concen: 108.058 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041044.D

Acq: 12 Apr 2024 20:33

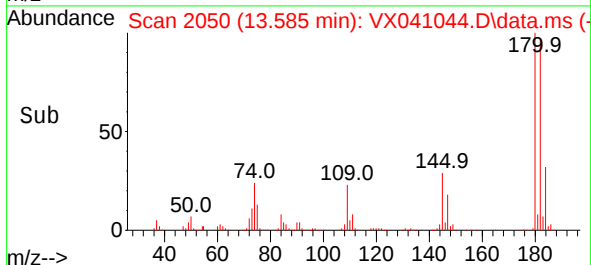
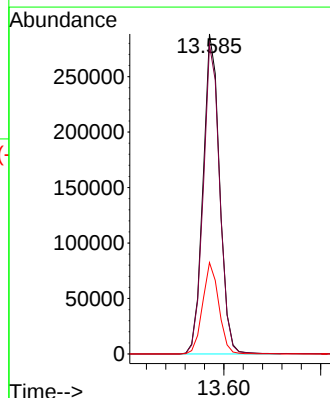
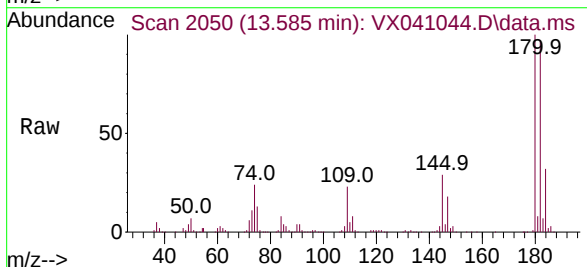
Tgt Ion:180 Resp: 342784

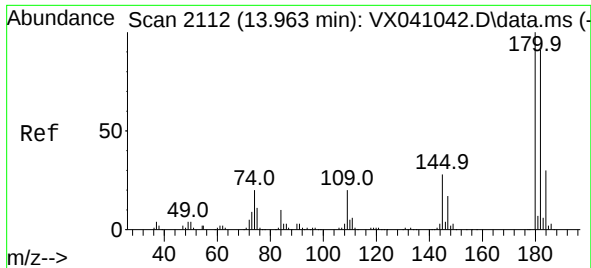
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

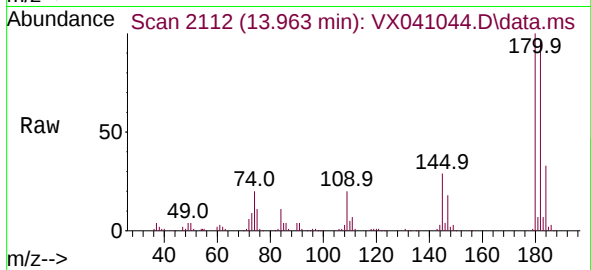
145 28.0 22.3 33.5





#72
 1,2,3-Trichlorobenzene
 Concen: 14.583 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX041044.D
 Acq: 12 Apr 2024 20:33

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180	Resp:	45369
Ion Ratio	Lower	Upper
180	100	
182	96.9	77.0 115.6
145	28.6	23.4 35.2

