

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122722\
 Data File : VX033567.D
 Acq On : 27 Dec 2022 15:34
 Operator : JC/MD
 Sample : VIBLK604
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK604

Quant Time: Dec 28 02:05:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:59:02 2022
 Response via : Initial Calibration

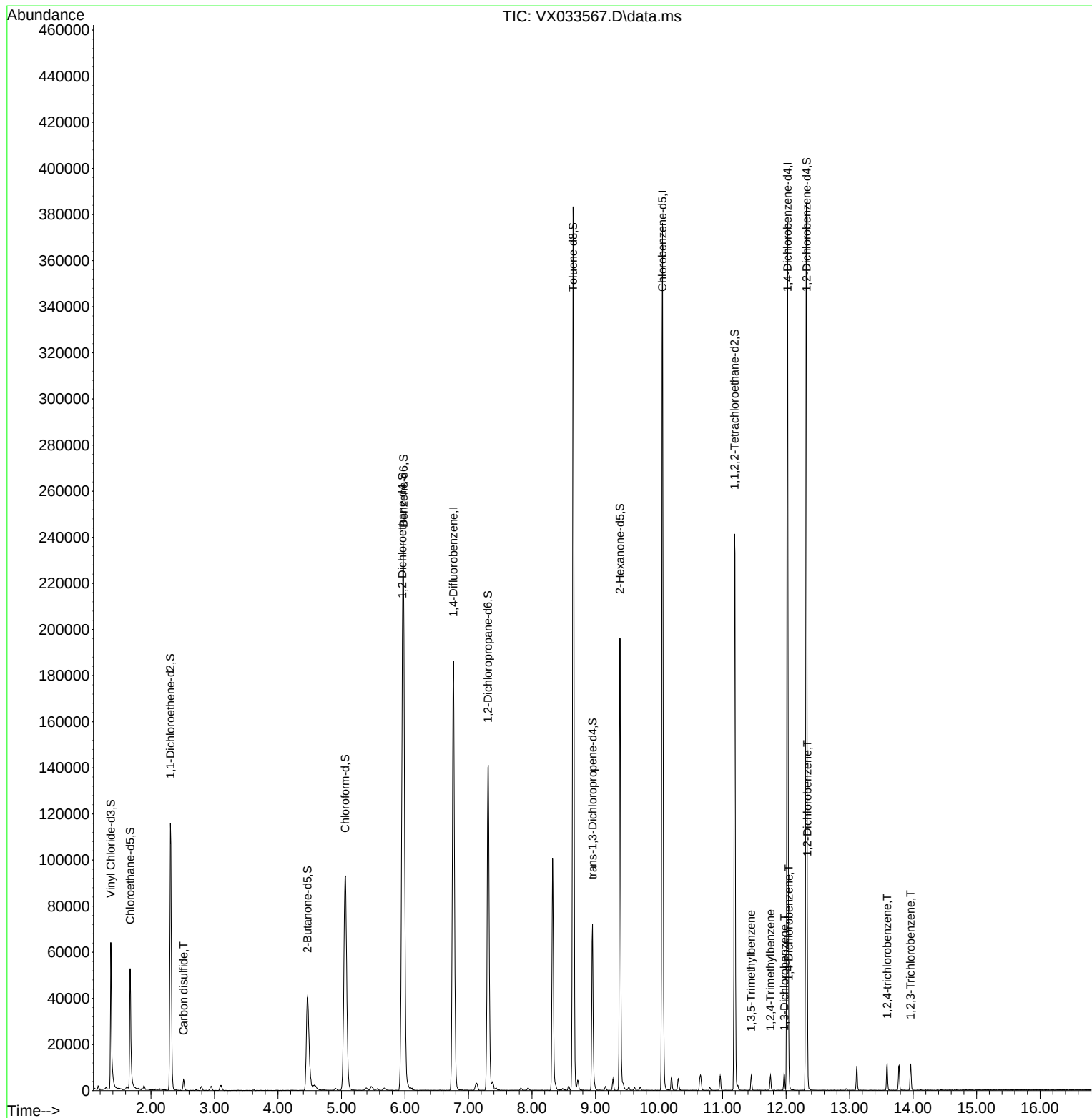
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	196850	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80852	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50919	52.834	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	105.660%	
7) Chloroethane-d5	1.672	69	38938	42.896	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.306	63	62318	30.711	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.420%	
21) 2-Butanone-d5	4.465	46	73782	102.609	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.610%	
24) Chloroform-d	5.056	84	125340	48.901	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.958	65	79754	49.480	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.960%	
32) Benzene-d6	5.977	84	242787	51.390	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.780%	
36) 1,2-Dichloropropane-d6	7.306	67	72115	51.712	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.420%	
41) Toluene-d8	8.647	98	232302	49.786	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.580%	
43) trans-1,3-Dichloroprop...	8.952	79	34322	50.224	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	100.440%	
47) 2-Hexanone-d5	9.384	63	55535	104.486	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.490%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94509	48.979	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.960%	
66) 1,2-Dichlorobenzene-d4	12.323	152	83835	52.259	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.520%	
Target Compounds						
14) Carbon disulfide	2.514	76	5551	1.757	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.451	105	3224	0.702	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	3077	0.681	ug/L	96
64) 1,3-Dichlorobenzene	11.975	146	2748	1.117	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	3080	1.230	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	2224	0.904	ug/L #	78
70) 1,2,4-trichlorobenzene	13.591	180	3115	2.026	ug/L	94
72) 1,2,3-Trichlorobenzene	13.963	180	3073	1.994	ug/L	98

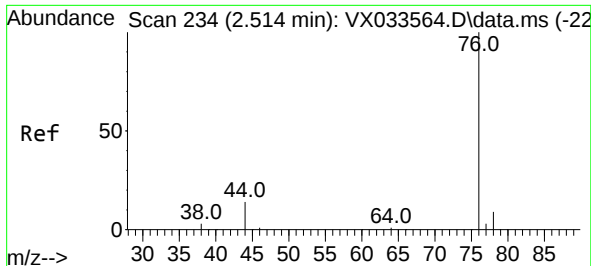
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 28 02:05:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122722WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 28 01:59:02 2022
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 1.757 ug/L

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033567.D

Acq: 27 Dec 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

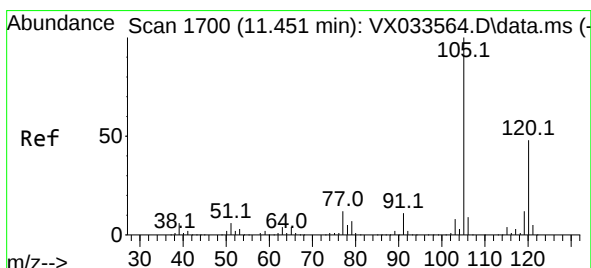
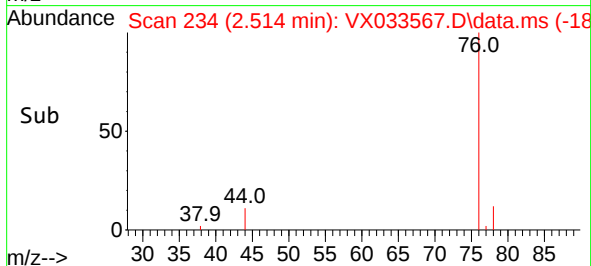
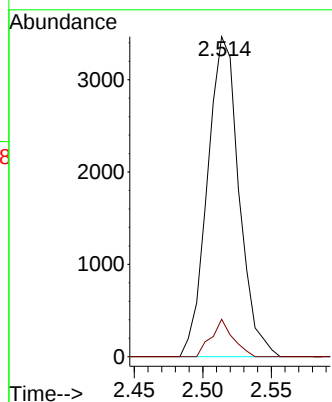
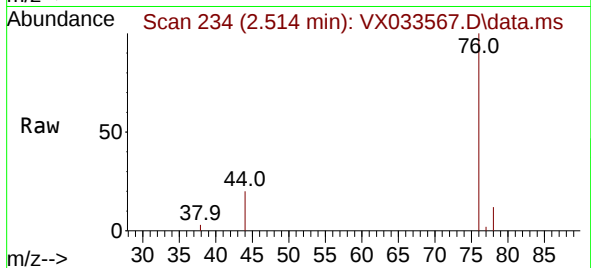
VIBLK604

Tgt Ion: 76 Resp: 5551

Ion Ratio Lower Upper

76 100

78 11.7 7.2 10.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.702 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033567.D

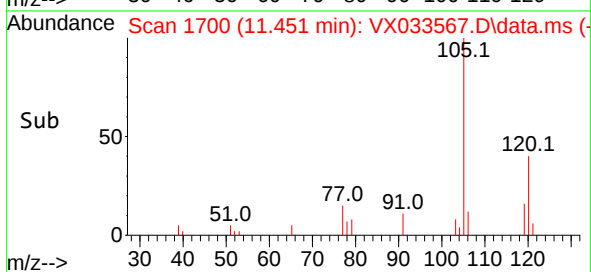
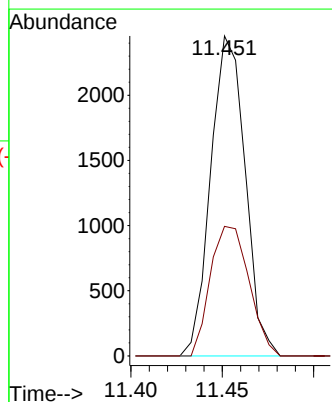
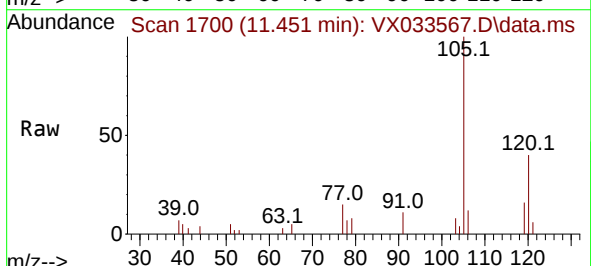
Acq: 27 Dec 2022 15:34

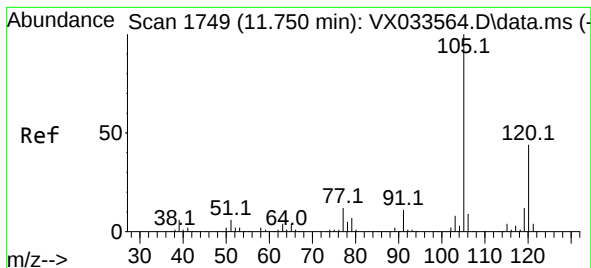
Tgt Ion: 105 Resp: 3224

Ion Ratio Lower Upper

105 100

120 45.5 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 0.681 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX033567.D

Acq: 27 Dec 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

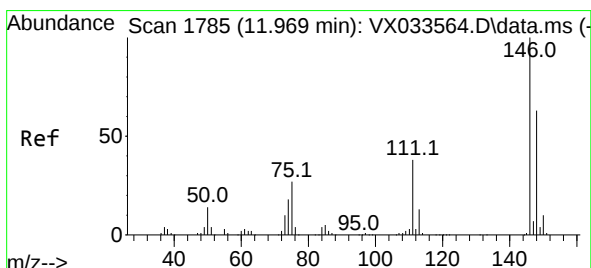
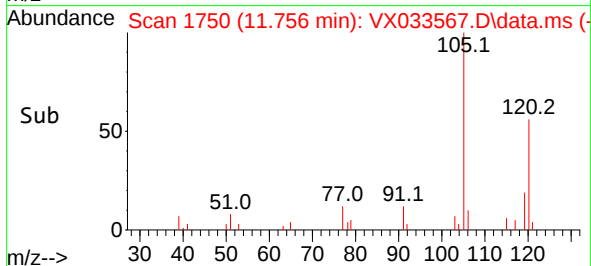
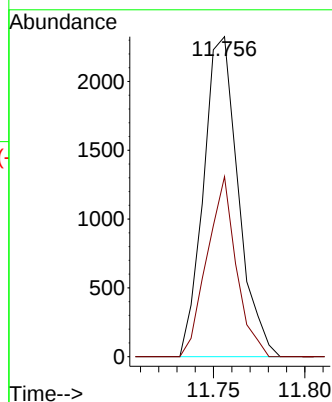
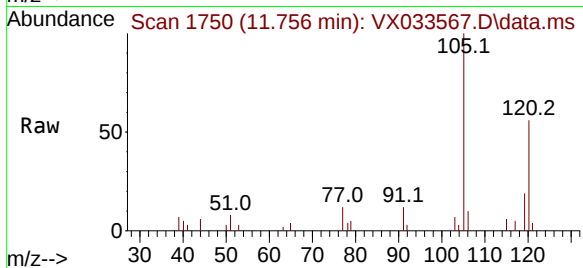
VIBLK604

Tgt Ion:105 Resp: 3077

Ion Ratio Lower Upper

105 100

120 47.4 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 1.117 ug/L

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX033567.D

Acq: 27 Dec 2022 15:34

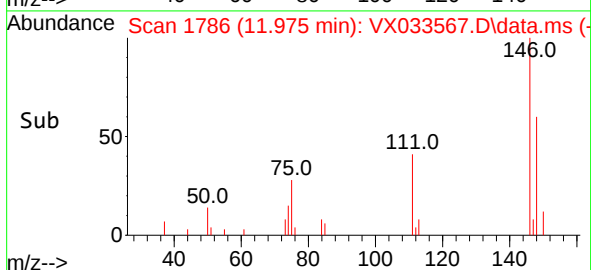
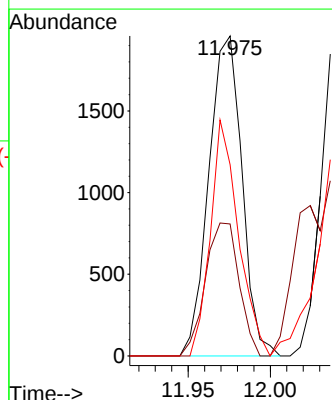
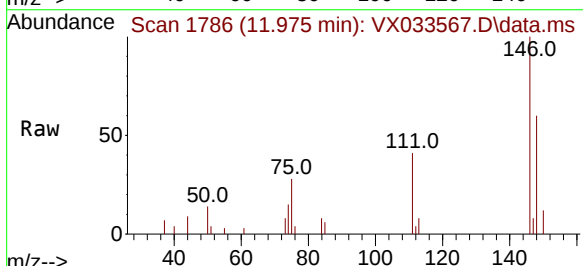
Tgt Ion:146 Resp: 2748

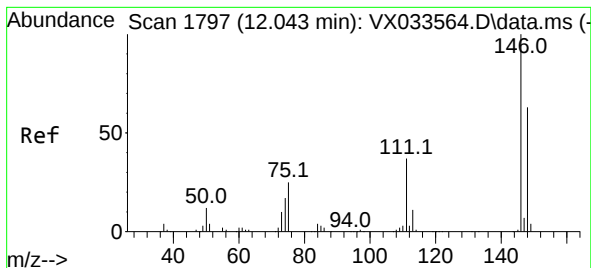
Ion Ratio Lower Upper

146 100

111 41.2 26.8 49.8

148 59.7 43.8 81.3





#65

1,4-Dichlorobenzene

Concen: 1.230 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033567.D

Acq: 27 Dec 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

VIBLK604

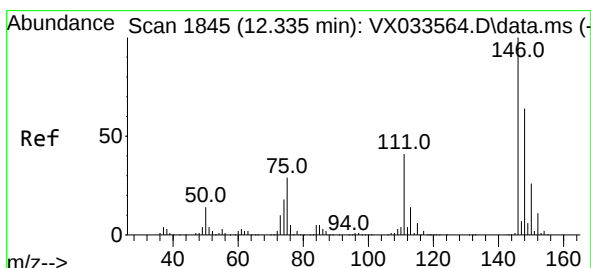
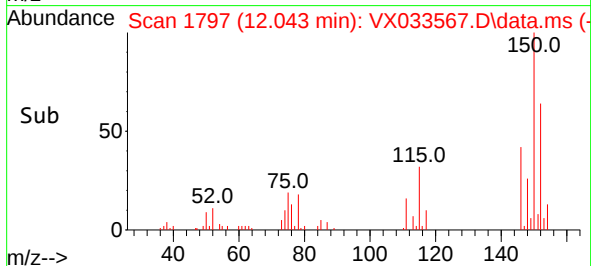
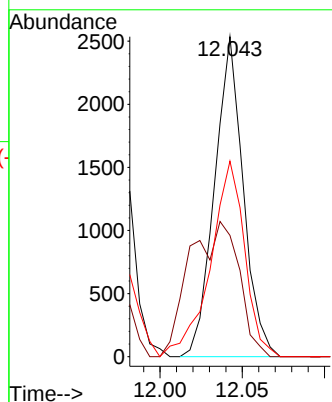
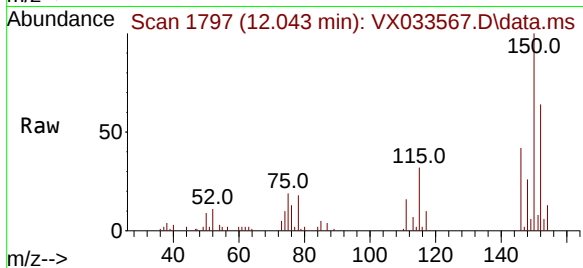
Tgt Ion:146 Resp: 3080

Ion Ratio Lower Upper

146 100

111 37.9 25.9 48.1

148 61.1 44.4 82.5



#67

1,2-Dichlorobenzene

Concen: 0.904 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX033567.D

Acq: 27 Dec 2022 15:34

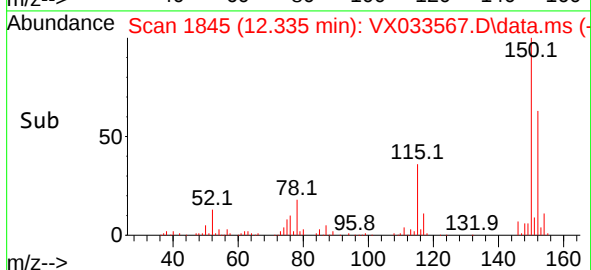
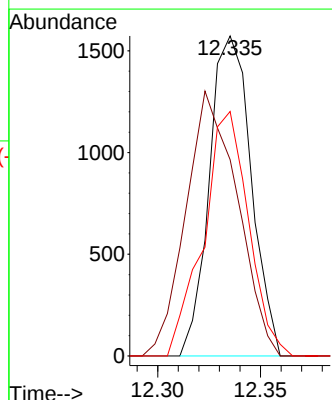
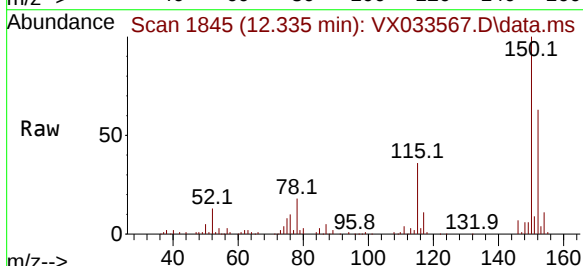
Tgt Ion:146 Resp: 2224

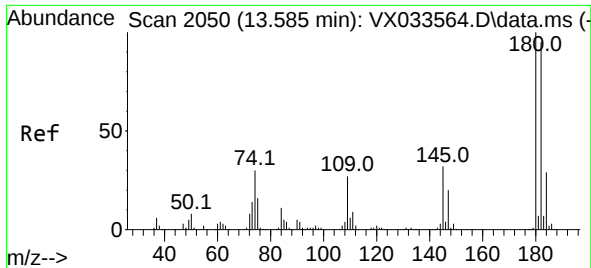
Ion Ratio Lower Upper

146 100

111 61.3 33.0 49.4#

148 76.4 51.2 76.8

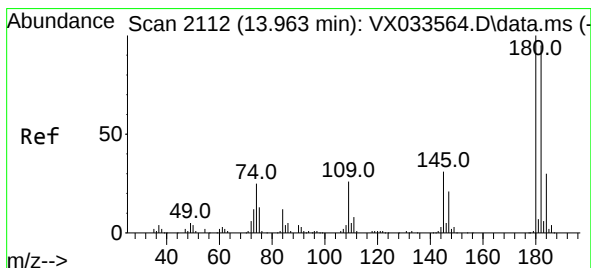
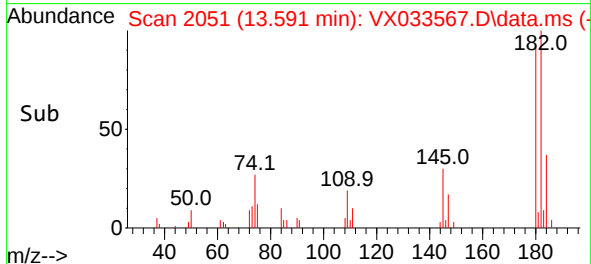
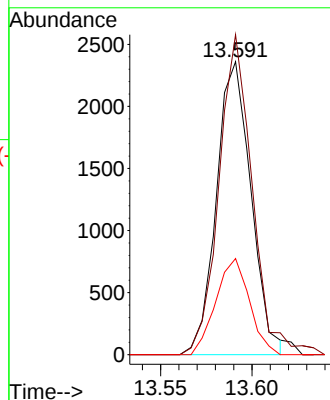
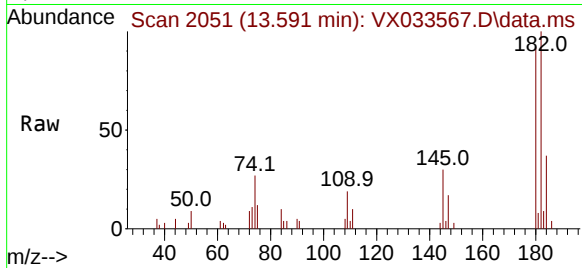




#70
1,2,4-trichlorobenzene
Concen: 2.026 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033567.D
Acq: 27 Dec 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
VIBLK604

Tgt Ion:180 Resp: 3115
Ion Ratio Lower Upper
180 100
182 103.6 76.7 115.1
145 31.9 25.4 38.0



#72
1,2,3-Trichlorobenzene
Concen: 1.994 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033567.D
Acq: 27 Dec 2022 15:34

Tgt Ion:180 Resp: 3073
Ion Ratio Lower Upper
180 100
182 97.3 76.1 114.1
145 33.1 25.9 38.9

