

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122921\
 Data File : VX026132.D
 Acq On : 29 Dec 2021 12:38
 Operator : JC/MD
 Sample : M5216-02DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COHB5DL

Quant Time: Dec 30 02:40:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 30 02:39:24 2021
 Response via : Initial Calibration

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

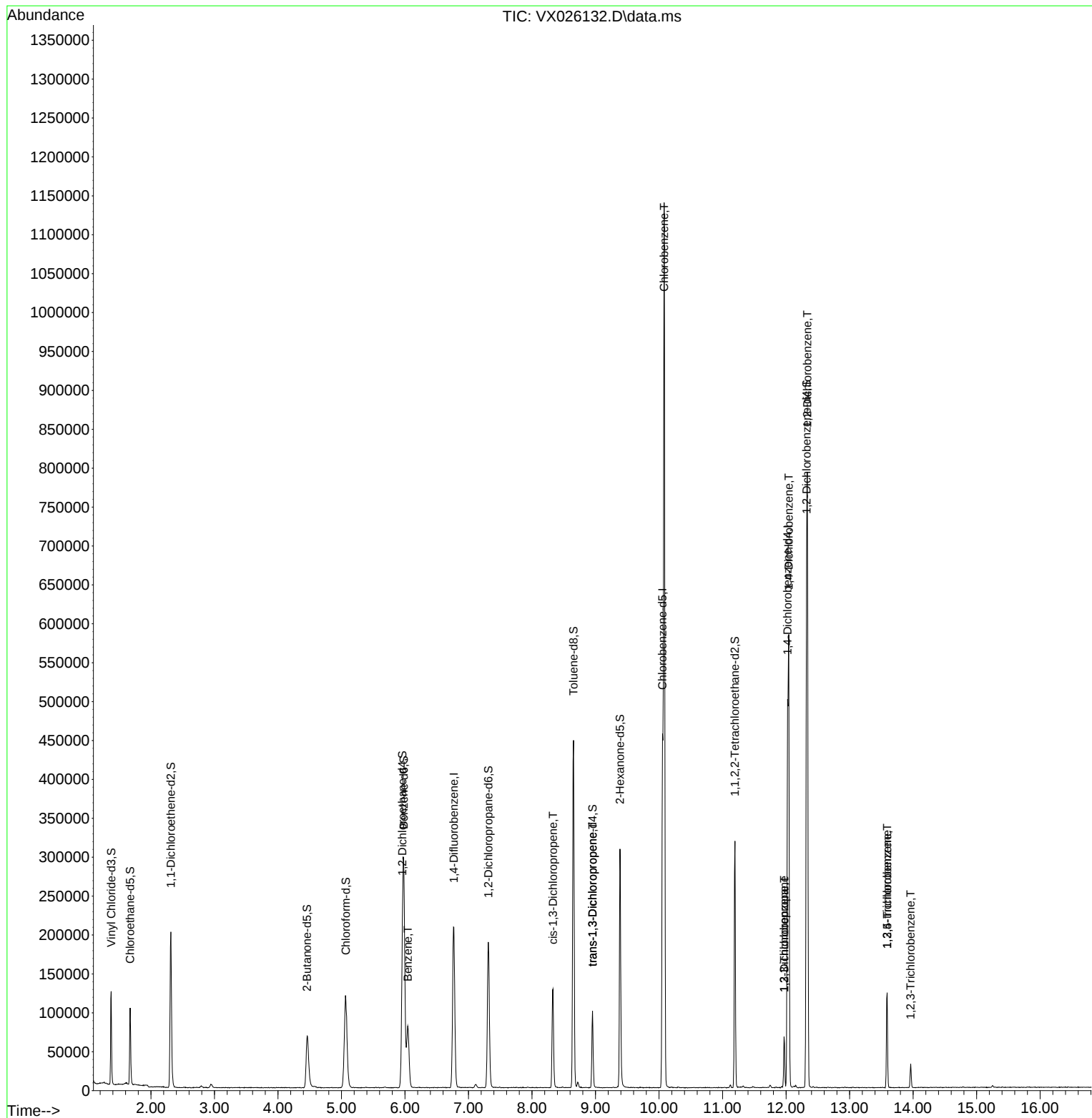
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	205599	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	178408	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83113	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	77395	48.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.000%
7) Chloroethane-d5	1.672	69	60867	52.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.940%
11) 1,1-Dichloroethene-d2	2.313	63	113384	38.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.860%
21) 2-Butanone-d5	4.458	46	120580	109.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.350%
24) Chloroform-d	5.068	84	137873	50.875	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
26) 1,2-Dichloroethane-d4	5.958	65	95566	54.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.800%
32) Benzene-d6	5.983	84	279418	54.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.640%
36) 1,2-Dichloropropane-d6	7.312	67	87980	55.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.580%
41) Toluene-d8	8.653	98	250794	53.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.920%
43) trans-1,3-Dichloroprop...	8.952	79	41986	54.054	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.100%
47) 2-Hexanone-d5	9.384	63	83371	112.344	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	115366	54.477	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	12.323	152	88644	55.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.820%
Target Compounds						
					Qvalue	
33) Benzene	6.044	78	90930	17.262	ug/L	100
39) cis-1,3-Dichloropropene	8.330	75	3351	1.602	ug/L #	80
44) trans-1,3-Dichloropropene	8.952	75	2271	1.133	ug/L	98
51) Chlorobenzene	10.079	112	451284	130.467	ug/L	98
61) 1,2,3-Trichloropropane	11.969	75	6506	4.119	ug/L #	48
64) 1,3-Dichlorobenzene	11.969	146	18792	7.719	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	155580	62.371	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	197294	81.348	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	27278	16.488	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	27278	18.318	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	6528	4.320	ug/L	96

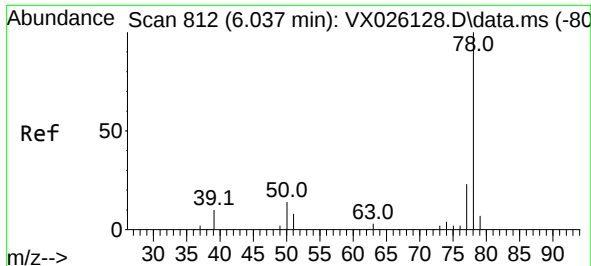
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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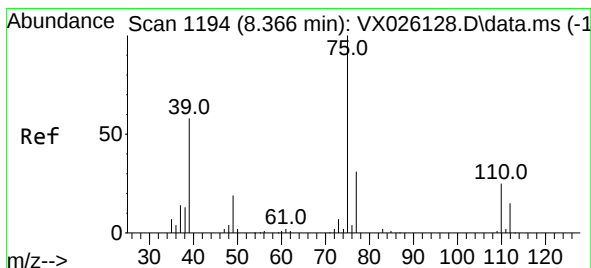
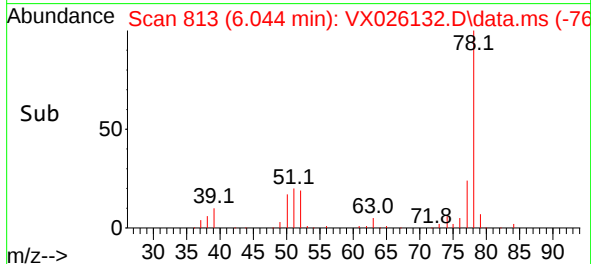
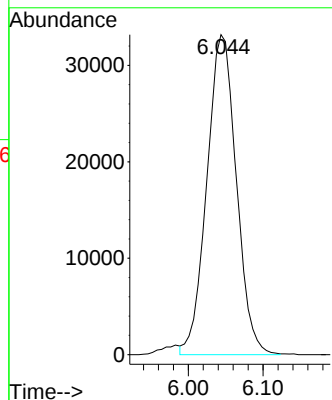
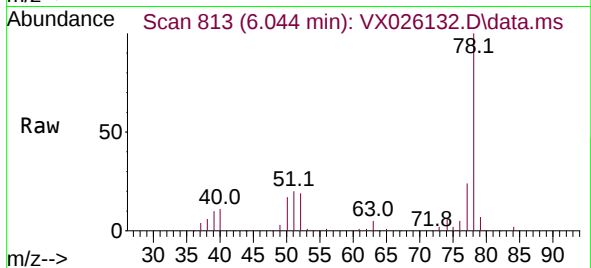




#33
Benzene
Concen: 17.262 ug/L
RT: 6.044 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026132.D
Acq: 29 Dec 2021 12:38

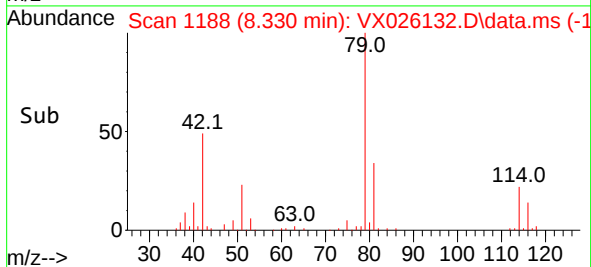
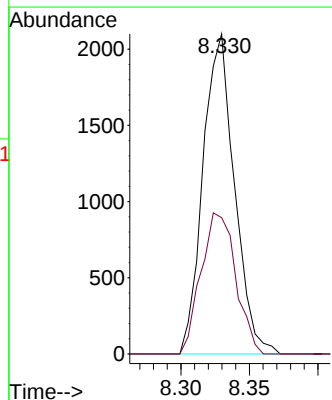
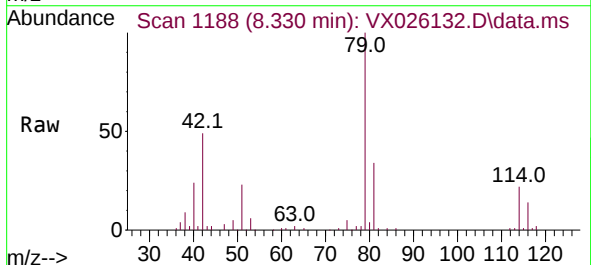
Instrument :
MSVOA_X
ClientSampleId :
COHB5DL

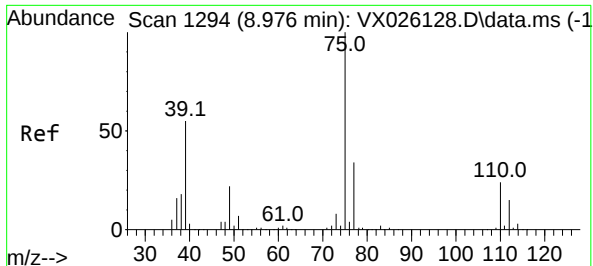
Tgt Ion: 78 Resp: 90930



#39
cis-1,3-Dichloropropene
Concen: 1.602 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX026132.D
Acq: 29 Dec 2021 12:38

Tgt Ion: 75 Resp: 3351
Ion Ratio Lower Upper
75 100
77 42.6 22.0 41.0#

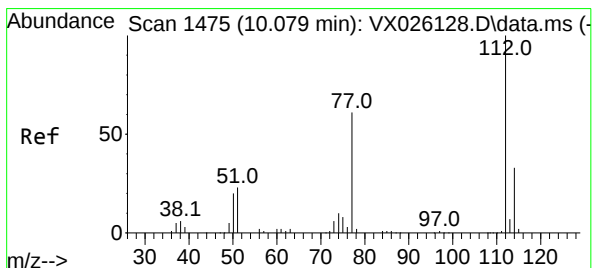
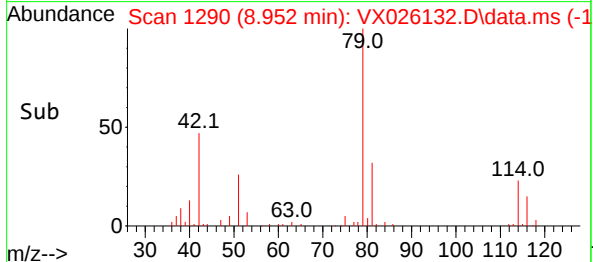
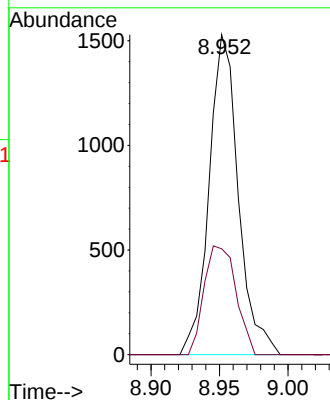
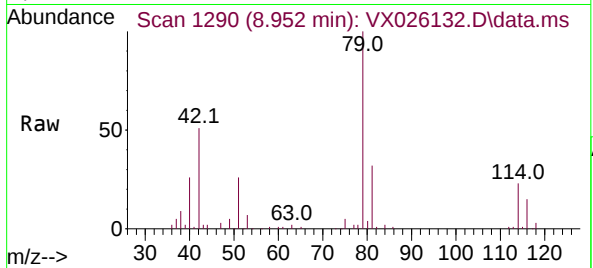




#44
trans-1,3-Dichloropropene
Concen: 1.133 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026132.D
Acq: 29 Dec 2021 12:38

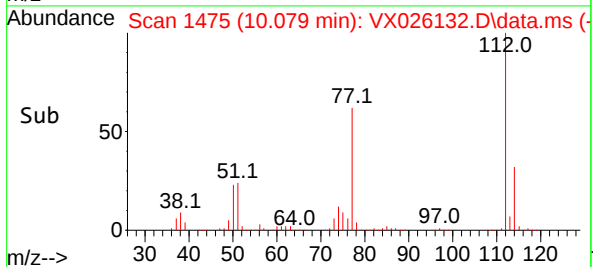
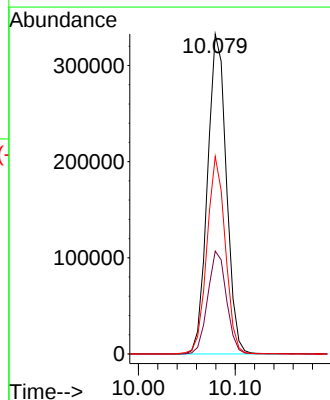
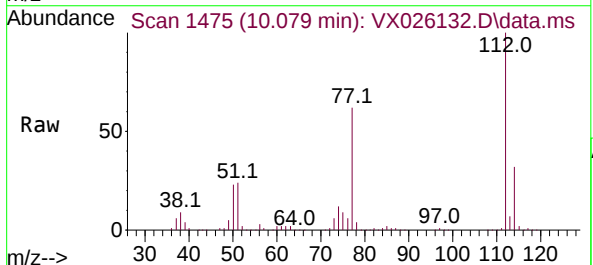
Instrument :
MSVOA_X
ClientSampleId :
COHB5DL

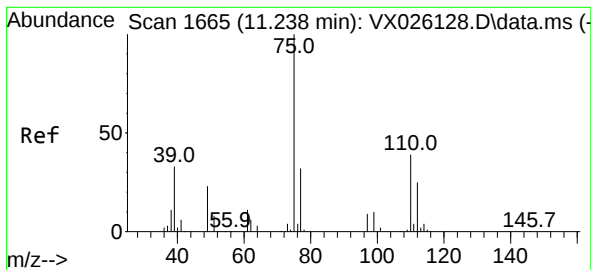
Tgt Ion: 75 Resp: 2271
Ion Ratio Lower Upper
75 100
77 33.1 22.5 41.7



#51
Chlorobenzene
Concen: 130.467 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026132.D
Acq: 29 Dec 2021 12:38

Tgt Ion: 112 Resp: 451284
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 61.7 47.8 71.8





#61

1,2,3-Trichloropropane

Concen: 4.119 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.732 min

Lab File: VX026132.D

Acq: 29 Dec 2021 12:38

Instrument :

MSVOA_X

ClientSampleId :

COHB5DL

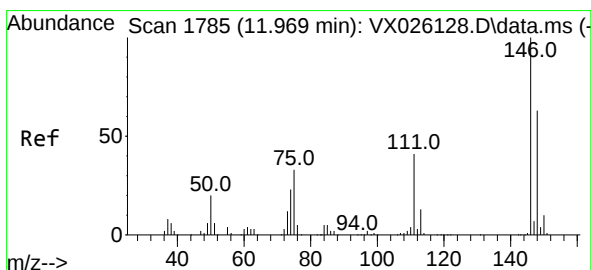
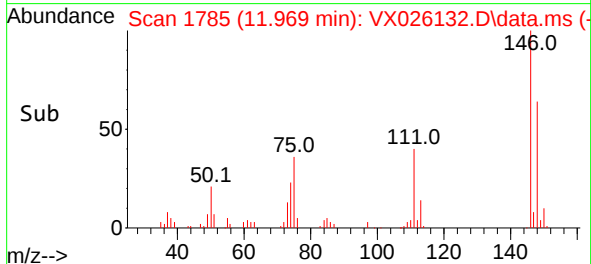
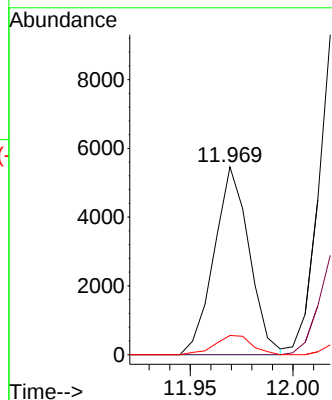
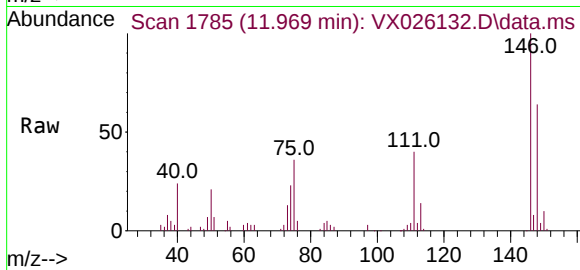
Tgt Ion: 75 Resp: 6506

Ion Ratio Lower Upper

75 100

77 1.2 25.4 38.2#

110 10.8 33.2 49.8#



#64

1,3-Dichlorobenzene

Concen: 7.719 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX026132.D

Acq: 29 Dec 2021 12:38

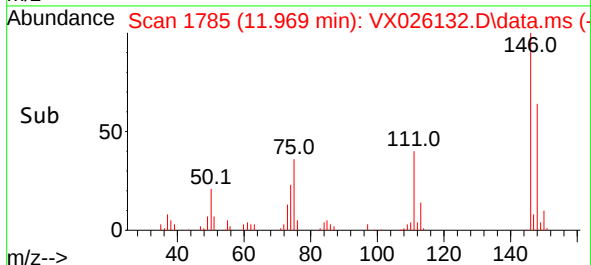
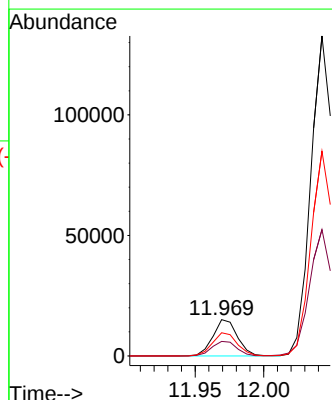
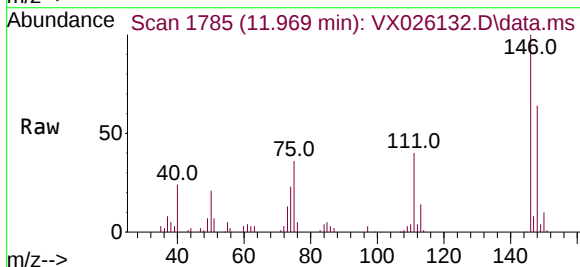
Tgt Ion:146 Resp: 18792

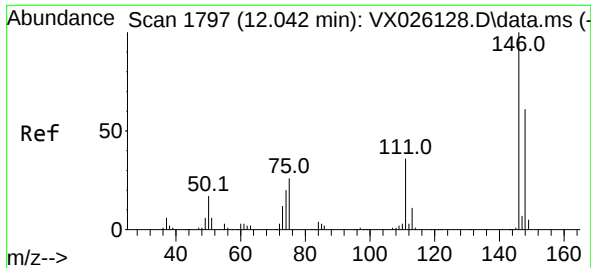
Ion Ratio Lower Upper

146 100

111 39.9 29.4 54.6

148 63.8 45.1 83.9

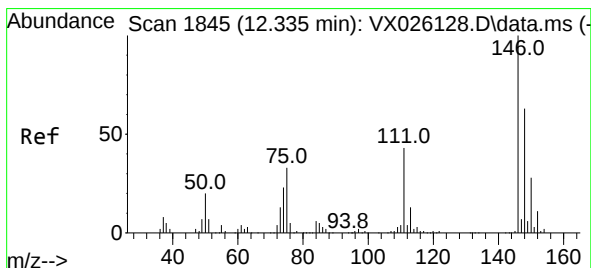
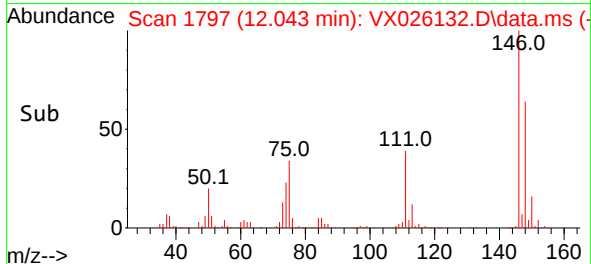
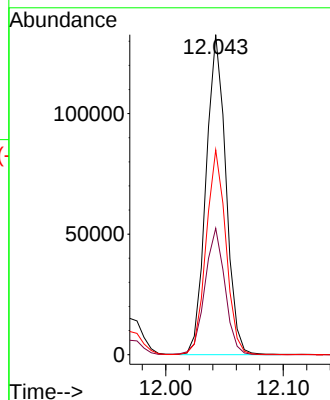
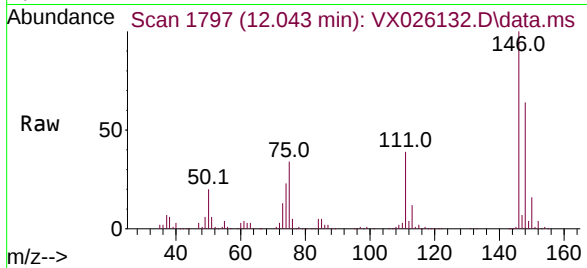




#65
1,4-Dichlorobenzene
Concen: 62.371 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026132.D
Acq: 29 Dec 2021 12:38

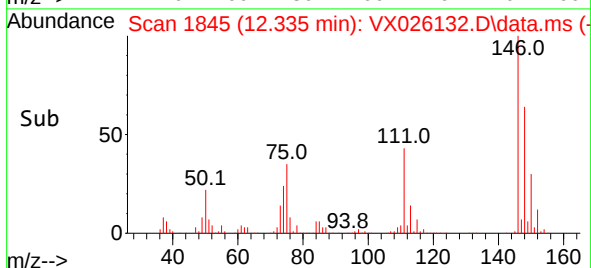
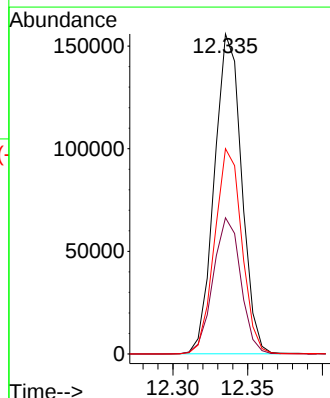
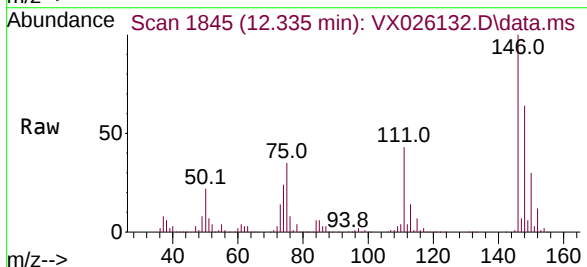
Instrument :
MSVOA_X
ClientSampleId :
COHB5DL

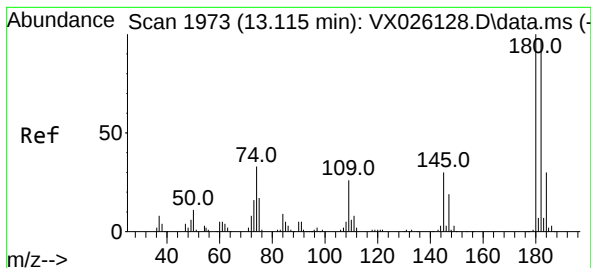
Tgt Ion:146 Resp: 155580
Ion Ratio Lower Upper
146 100
111 39.5 27.4 51.0
148 64.0 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 81.348 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026132.D
Acq: 29 Dec 2021 12:38

Tgt Ion:146 Resp: 197294
Ion Ratio Lower Upper
146 100
111 42.6 33.1 49.7
148 64.1 49.6 74.4





#69

1,3,5-Trichlorobenzene

Concen: 16.488 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.476 min

Lab File: VX026132.D

Acq: 29 Dec 2021 12:38

Instrument :

MSVOA_X

ClientSampleId :

COHB5DL

Tgt Ion:180 Resp: 27278

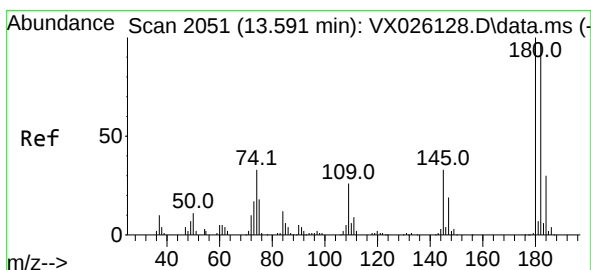
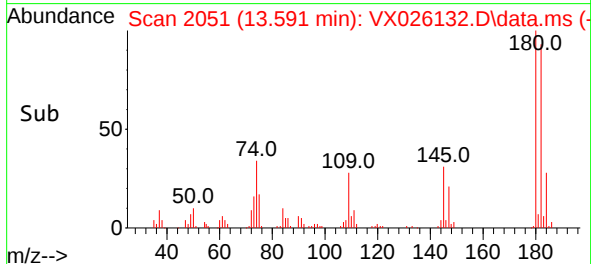
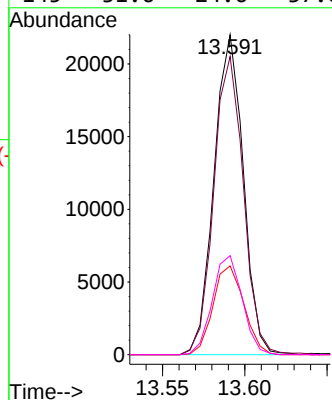
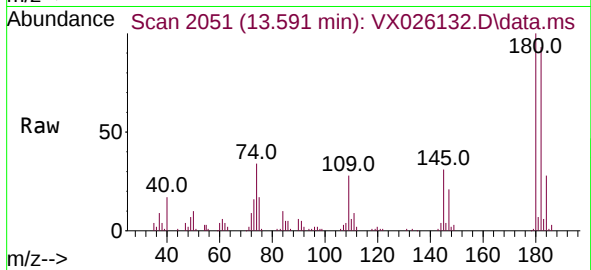
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 29.3 24.1 36.1

145 31.6 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 18.318 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX026132.D

Acq: 29 Dec 2021 12:38

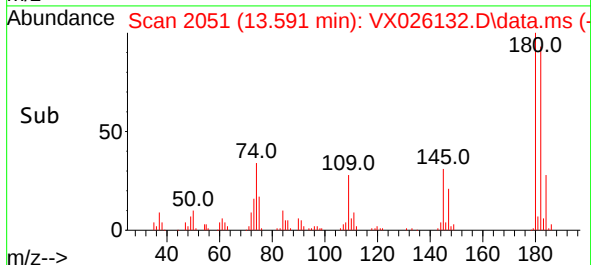
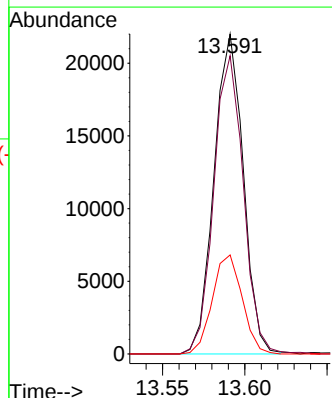
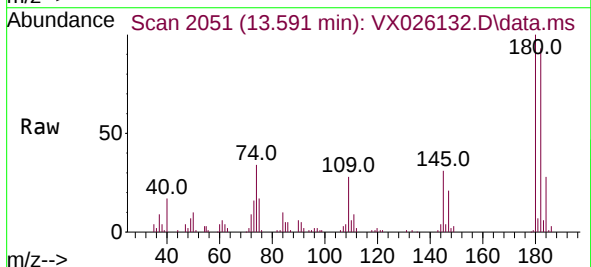
Tgt Ion:180 Resp: 27278

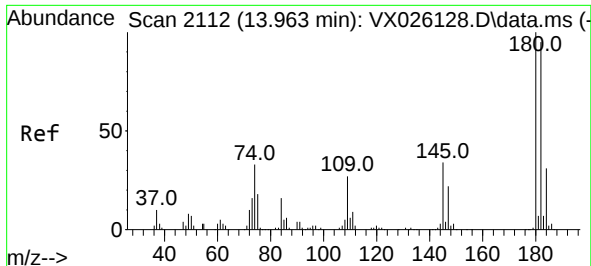
Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

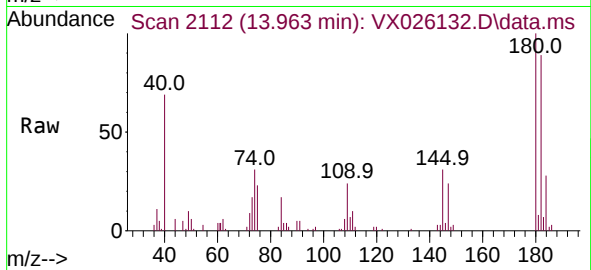
145 31.6 24.9 37.3





#72
 1,2,3-Trichlorobenzene
 Concen: 4.320 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX026132.D
 Acq: 29 Dec 2021 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 COHB5DL



Tgt Ion:	180	Resp:	6528
Ion	Ratio	Lower	Upper
180	100		
182	91.0	76.6	115.0
145	34.2	26.6	39.8

